Incident ID	nAPP2200428221
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items must be	e included in the plan.
 □ Detailed description of proposed remediation technique □ Scaled sitemap with GPS coordinates showing delineation point □ Estimated volume of material to be remediated □ Closure criteria is to Table 1 specifications subject to 19.15.29.1 □ Proposed schedule for remediation (note if remediation plan times) 	2(C)(4) NMAC
Deferral Requests Only: Each of the following items must be con	nfirmed as part of any request for deferral of remediation.
☐ Contamination must be in areas immediately under or around predeconstruction.	roduction equipment where remediation could cause a major facility
Extents of contamination must be fully delineated.	
Contamination does not cause an imminent risk to human health	n, the environment, or groundwater.
	e and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of
Printed Name: Dale Woodall	Title: _ Env. Professional
Signature: Dale Woodall	Date:
email:dale.woodall@dvn.com	Telephone: <u>575-748-1838</u>
OCD Only	
Received by:	Date:04/25/2023
☐ Approved ☐ Approved with Attached Conditions of	Approval Denied 🔀 Deferral Approved
Signature: Robert Hamlet	Date: 9/13/2023

Received by OCD: 4/25/2023 12:52:09 PM Form C-141 State of New Mexico Page 3 Oil Conservation Division

Incident ID nAPP2200428221

District RP

Facility ID

Application ID

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	<50 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ⊠ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ⊠ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ⊠ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ⊠ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ⊠ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ⊠ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ⊠ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ⊠ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ⊠ No
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil
Characterization Report Checklist: Each of the following items must be included in the report.	
 Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring well Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody 	ls.

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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Incident ID	nAPP2200428221	
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I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.			
Printed Name: Dale Woodall	Title: Env. Professional		
Signature: Dala Woodall	Date: <u>4/21/2023</u>		
email: dale.woodaall@dvn.com	Telephone:575-748-1838		
OCD Only			
Received by: Joceyn Harimon	Date: 04/25/2023		

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Incident ID	nAPP2200428221
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items must b	e included in the plan.
 □ Detailed description of proposed remediation technique □ Scaled sitemap with GPS coordinates showing delineation point □ Estimated volume of material to be remediated □ Closure criteria is to Table 1 specifications subject to 19.15.29. □ Proposed schedule for remediation (note if remediation plan times) 	2(C)(4) NMAC
Deferral Requests Only: Each of the following items must be con	nfirmed as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around predeconstruction.	roduction equipment where remediation could cause a major facility
Contamination does not cause an imminent risk to human health	n, the environment, or groundwater.
	e and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of
Printed Name: Dale Woodall	Title:Env. Professional
Signature: Dale Woodall	Date:
email:dale.woodall@dvn.com	Telephone: <u>575-748-1838</u>
ach a l	
OCD Only	
Received by: Jocelyn Harimon	Date:04/25/2023
Approved	Approval Denied Deferral Approved
Signature:	Date:

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Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the following in	items must be included in the closure report.		
A scaled site and sampling diagram as described in 19.15.29.11 NMAC			
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)			
☐ Laboratory analyses of final sampling (Note: appropriate OD	C District office must be notified 2 days prior to final sampling)		
Description of remediation activities			
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and replacement human health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the coaccordance with 19.15.29.13 NMAC including notification with 19.15.29.13 NMAC inc	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete.		
Printed Name: Dale Woodall	Title:Env. Professional		
Signature: Dals Woodall	Date: 4/21/2023		
email: dale.woodall@dvn.com	Telephone:575-748-1838		
OCD Only			
Received by:	Date:		
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible for regulations.		
Closure Approved by:	Date:		
Printed Name:	Title:		



April 13, 2023 #5E31003-BG2

NMOCD District 2 811 S. First St Artesia, NM 88210

SUBJECT: Closure Report with Request for Deferral for the Tomb Raider 1 12 Federal #062H Release (nAPP2200428221), Eddy County, New Mexico

1.0 Introduction

On behalf of Devon Energy Production Company (Devon), Souder, Miller & Associates (SMA) has prepared this Closure Report with Request for Deferral that describes the remediation of a produced water release related to oil and gas production activities at the Tomb Raider 1 12 Federal #062H Release (nAPP2200428221). The release site is located in Unit C, Section 1, Township 23S, Range 31E, Eddy County, New Mexico, on public land administered by the Bureau of Land Management. Figure 1 illustrates the vicinity and site location on a United States Geological Survey (USGS) 7.5-minute quadrangle map.

Table 1: Release Information and Closure Criteria						
Name	Tomb Raider 1 12 Federal #062H	Company Devon Energy Production Comp				
API Number	N/A	Location	32.340202, -103.735651			
Incident Number	nAPP2200428221	Land Status	Federal (BLM)			
Date of Release	January 4, 2022					
Source of Release	Compromised flowline					
Released Volume	36 barrels (bbls) Produced Water	Recovered Volume	0 bbls Produced Water			
NMOCD Closure Criteria	Depth to groundwater <50 feet bgs	S				

2.0 Background

On January 4, 2022, a produced water release was discovered at the Tomb Raider 1 12 Federal #062H site. Initial response activities were conducted by Devon, and included source elimination and site security, containment, and site stabilization activities. Figure 1 illustrates the vicinity and site location; Figure 2 illustrates the release location. A copy of the notification of release is included in Appendix A.

3.0 Site Information and Closure Criteria

The Tomb Raider 1 12 Federal #062H site is located approximately 21 miles northeast of Loving, New Mexico, on Federal (BLM) land at an elevation of approximately 3,457 feet above mean sea level (amsl).

Depth to Groundwater

A search of the New Mexico Office of the State Engineer (OSE) New Mexico Water Rights Reporting System (NMWRRS) and the United State Geological Society (USGS) National Water Information System did not yield any results within a ½ mile of the site (Appendix B). Thus, depth to groundwater is considered to be less than 50 feet below grade surface (bgs) for the Closure Criteria determination.

Tomb Raider 1 12 Federal #062H Closure Report April 13, 2023

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Wellhead Protection Area

There are no known water sources within a ½ mile of the location, according to the NMOSE NMWRRS and USGS National Water Information System. Registered wells in the vicinity are shown in Figure 1.

Distance to Nearest Significant Watercourse

No significant watercourses are within ½ mile of the location, as illustrated in Figures 1 and 2.

Closure Criteria Determination

Table 2 demonstrates the Closure Criteria applicable to this location. Figures 1 and 2 illustrate the 200 and 300-foot radii, indicating that the site does not lie within a sensitive area as described in Paragraph (4) of Subsection (C) of 19.15.29.12 NMAC.

Based on the information presented herein, this site's applicable NMOCD Closure Criteria is set to the standards for depth to groundwater less than 50 feet bgs.

4.0 Release Characterization and Remediation Activities

On March 23, 2022, SMA personnel performed initial site delineation sampling, with additional delineation activities performed on May 26 and June 9, 2022.

A total of 48 soil borings (SB-01 through SB-21 and BH-22 through BH-48) were advanced in and around the visibly stained area using a hand auger to depths ranging from 0.5 to 7 feet bgs. Additionally, one soil boring was advanced to collect background samples in an undisturbed location off the well pad. A total of 116 delineation samples were collected from the release area per the sampling protocol included in Appendix C. Seventeen of the delineation soil borings provided delineation of a historical release (nAB1816327517) of oil and natural gas on the same location; based on a review of the historical release; remediation has yet to be conducted. Soil samples were field screened for chloride using an electrical conductivity (EC) meter and for hydrocarbon impacts using a calibrated MiniRAE 3000 photoionization detector (PID) equipped with a 10.6 eV lamp. Soil boring locations are illustrated in Figure 3, field screening results are summarized in Table 3, and field notes and a photographic log are included in Appendix D.

All samples were submitted for laboratory analysis, including total chloride using the United States Environmental Protection Agency (USEPA) Method 300.0; benzene, toluene, ethylbenzene, and total xylenes (BTEX) using USEPA Method 8021B; and total petroleum hydrocarbons (TPH) as motor, diesel, and gasoline range organics (MRO, DRO, and GRO) by USEPA Method 8015D. Laboratory analytical results are summarized in Table 3, and laboratory reports are included in Appendix E.

Excavation activities were performed by a 3rd party contractor with SMA oversight. Excavation activities lasted approximately one month. The remediation area was excavated by backhoe scraping in more open areas and hydrovacing near pipelines and machinery. The impacted soil was moved directly from the excavation by the backhoe to a dump truck for removal from the site. The final remediation excavation at the most significant dimension measured approximately 290 feet by 187 feet with a maximum depth of 1 foot.

SMA personnel performed closure confirmation sampling on September 12, 23, 26, 29, and 30, and October 6, 2022. A total of 203 closure confirmation samples were collected and submitted for laboratory analysis. Excavation samples were composed of 5-point composites collected every 200 square feet or less in accordance with the sampling protocol included in Appendix D. The confirmation samples were analyzed for chloride, BTEX,

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Tomb Raider 1 12 Federal #062H Closure Report April 13, 2023

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and TPH in the same manner as described above for the initial release assessment samples. Confirmation sample locations are illustrated in Figures 4a and 4b.

Laboratory analytical results report benzene, total BTEX, and total TPH concentrations below laboratory reporting limits (RLs) which are below the NMOCD Closure Criteria except for two sample areas including CS15 and SC-129 R. Additional excavation in these areas was not possible due to a short excavation timeline prior to installation of a drill rig.

Excavated soils were transported to an NMOCD-permitted surface waste facility for remediation/disposal. The excavation was backfilled with clean, imported material and graded to match the surrounding area. Excavation extents and closure confirmation sample locations are depicted in Figure 3. A photo log is included in Appendix C. Confirmation laboratory results are summarized in Table 4. Laboratory reports are included in Appendix E.

5.0 Recommendations

As demonstrated in Table 4, all closure confirmation samples meet NMOCD Closure Criteria except for two sample areas (CS15 and SC-129 R), in which Devon requests deferral of remedial activities pursuant to 19.15.29.12.C.2 NMAC. Photographs 5, 8-12, 14, 22, and 23 in the Photographic Log in Appendix C show the machinery, production equipment, and overhead powerlines within the nonexcavated areas for which deferral is being requested. Additionally, areas directly under production equipment within the release footprint may contain residual impacted material. Further remedial excavation was not possible in these areas due to the proximity of production equipment. The area requested for deferral measures approximately 13,648 square feet with a depth of up to 1 foot bgs, equating to approximately 505 cubic yards in situ volume. Figures 4a and 4b show the extent of impacted soils requested for deferral.

For Incident Number nAB1816327517, SMA recommends excavation and removal of contaminated soil for treatment/disposal at an NMOCD-permitted surface waste facility.

SMA recommends no further action and requests deferral of remediation of the residual impacted material of Incident Number nAPP2208340802.

6.0 Scope and Limitations

The scope of our services included: assessment sampling; verifying release stabilization; regulatory liaison; remediation guidance; and preparing this report. All work has been performed in accordance with generally accepted professional environmental consulting practices for oil and gas releases in the Permian Basin in New Mexico.

If there are any questions regarding this report, please contact Sarahmay Schlea at (330) 958-5689.

Submitted by:

SOUDER, MILLER & ASSOCIATES

Reviewed by:

Sarahmay Schlea Staff Scientist Stephanie Hinds, P.E.

Stylinie Alvos

Project Engineer

Tomb Raider 1 12 Federal #062H Closure Report April 13, 2023

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REFERENCES:

New Mexico Office of the State Engineer (NMOSE) online water well database https://gis.ose.state.nm.us/gisapps/ose_pod_locations/

USGS National Water Information System: Web Interface online water well database https://nwis.waterdata.usgs.gov/nwis/gwlevels?site_no=321205103544701&agency_cd=USGS&format=html

ATTACHMENTS:

Figures:

Figure 1: Topographic Site Map

Figure 2: Aerial Site Map

Figure 3: Site and Sample Location Map

Tables:

Table 2: NMOCD Closure Criteria

Table 3: Summary of Initial Release Assessment Field Screening and Laboratory Analytical Results

Table 4: Summary of Excavation Confirmation Laboratory Analytical Results

Appendices:

Appendix A: Correspondence Appendix B: Water Well Data

Appendix C: Field Notes and Photograph Log

Appendix D: Sampling Protocol

Appendix E: Laboratory Analytical Reports

FIGURES

Revisions Sarahmay Schlea 201 South Halaguena Street Drawn Carlsbad, New Mexico 88221 Date:__ _____ Descr: _____ 10/11/2022 Date Date: Descr: (575) 689-7040 Checked Serving the Southwest & Rocky Mountains © Souder, Miller & Associates, 2021, All Rights Reserved Approved

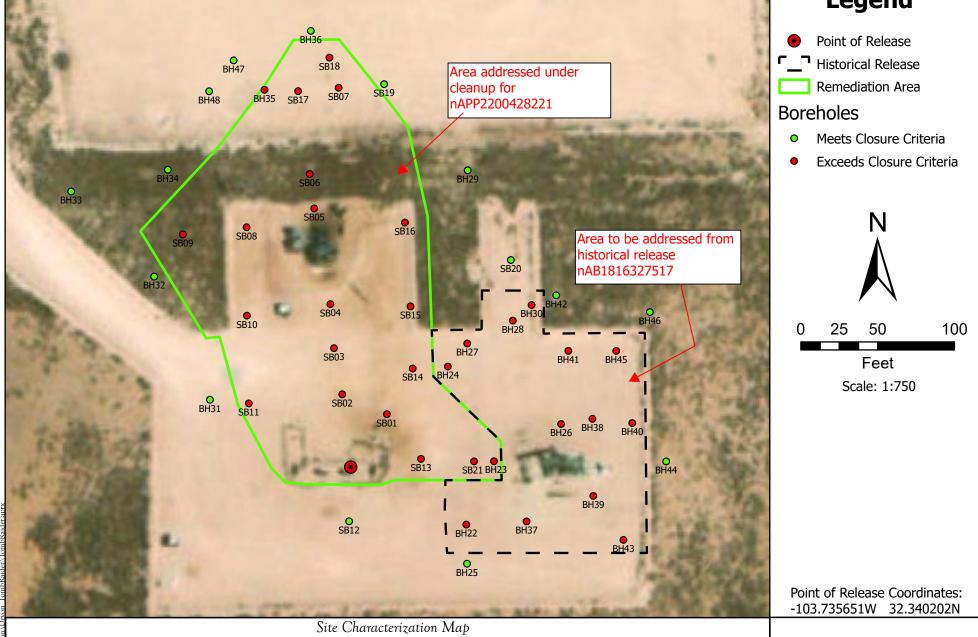
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Checked

Approved

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Tomb Raider 1-12 Federal 62H - Devon Energy Production Company

UL: C S: 1 T: 23S R: 31E, Eddy County, New Mexico

Sarahmay Schlea Drawn 1/23/2023 Date Checked Approved



201 South Halaguena Street

Carlsbad, New Mexico 88221 (575) 689-7040 Serving the Southwest & Rocky Mountains

Figure 3

Date:__

Revisions

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Received by OCD: 4/25/2023 12:52:09 PM Page 14 of 717 SC-132 Legend SB16 SC-134 **50**-125 R SB08 SC-133 SC-94 SC-110 SB09 Point of Release SC-135 SC-136 SC-124 R NonExcavatedAreas/Equipment SC-93 SC-109 SC-137 SC-138 R **Confirmation Samples** SC-123 R SB20 SC-108 SC-139 SC-140 R **Deferral Areas** SC-92 SC-122 R SC-107 SC-141 SC-142 Buried Pipeline & Overhead SC-121 R Electric ROW SC-91 SC-143 SC-120 R SC-147 R **Boreholes** SC-145 R 🖔 SB04 BH30 SC-119 R SC-90 SC-146 Meets Closure Criteria **6**C-118 SB10 BH28 **Exceeds Closure Criteria** SC-89 SS-53 SS-52 SS-51 SS-50R SS-49 BH27 30 60 SS-43 SS-42 SS-41 SS-40 SS-39 SS-38 BH24 SB14 Feet Scale: 1:380 SS-58 SS-15 SS-14 SS-13 SS-59R SS-60R Ó SB12 BH37 Point of Release Coordinates: BH22 -103.735651W 32.340202N Excavation Confirmation Sample Location Map Tomb Raider 1-12 Federal 62H - Devon Energy Production Company Figure 4a UL: C S: 1 T: 23S R: 31E, Eddy County, New Mexico Revisions 201 South Halagueno Street Sarahmay Schlea Drawn ____ Descr: Carlsbad, New Mexico 88221 3/3/2023 Date (575) 689-7040 __ Descr: _ Checked Serving the Southwest & Rocky Mountains Approved © Souder, Miller & Associates, 2021, All Rights Reserved Released to Imaging: 9/13/2023 11:01:16 AM

TABLES

Table 2: NMOCD Closure Criteria

Site Information (19.15.29.11.A(2, 3, and 4) NMAC)		Source/Notes		
Depth to Groundwater (feet bgs) <50		United States Geological Survey		
Hortizontal Distance From All Water Sources Within 1/2 Mile (ft) NA		New Mexico Office of the State Engineer		
Hortizontal Distance to Nearest Significant Watercourse (ft) 26,550		United States Geological Survey Topo Map		

Closure Criteria (19.15.29.12.B(4) and Table 1 NMAC)						
·	Closure Criteria (units in mg/kg)					
Depth to Groundwater		Chloride *numerical limit or background, whichever is greater	ТРН	GRO + DRO	ВТЕХ	Benzene
< 50' BGS	х	600	100		50	10
51' to 100'		10000	2500	1000	50	10
>100'		20000	2500	1000	50	10
Surface Water	yes or no	if yes, then				
<300' from continuously flowing watercourse or other significant						
watercourse?	No					
<200' from lakebed, sinkhole or playa lake?	No					
Water Well or Water Source						
<500 feet from spring or a private, domestic fresh water well used by less than 5 households for domestic or stock watering purposes?	No					
<1000' from fresh water well or spring?	No					
Human and Other Areas		600	100		50	10
<300' from an occupied permanent residence, school, hospital, institution or church?	No					
within incorporated municipal boundaries or within a defined						
municipal fresh water well field?	No					
<100' from wetland?	No					
within area overlying a subsurface mine	No					
within an unstable area?	No					
within a 100-year floodplain?	No					

Table 3: Summary of Release Characterization Field Screening and Laboratory Analytical Results

Sample ID	Sample Date	Depth of Sample (feet bgs)	Field Sc	reening	Metho	od 8021B		Metho	d 8015D		Method 300.0
Sample 1D	Sample Date		VOCs by PID	EC	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Chloride
			ppm	mS	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
NM	OCD Closure (•			50	10				100	600
		0	0.7	0.25							<20.0
BG		1	0.4	0.23							<20.0
(Background)	3/23/2022	2	0.2	0.24							<20.0
, , ,		3	0.1	0.24							<20.0
		4	0.1	0.25							<20.0
		0	5.9	11.09	0.852	<0.0250	27.5	3,630	1,090	4,748	20,200
CD 04	2/22/2022	2	15.6	0.33	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SB-01	3/23/2022	4	2.3	0.26	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	35.6
		6	4.1	0.28	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	38.2
		7	0.3	0.31	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	60.7
		0	4.7	5.81	<0.100	<0.0250	<20.0	8,030	4,470	12,500	10,600
CD 02	2/22/2022	2	1.7	0.32	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	67.3
SB-02	3/23/2022	4	1.0	0.26	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	22.3
		6	0.3	0.27	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	24.8
		7	0.6	0.27	0.029	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
		0	1.5	0.85	<0.100	<0.0250	<20.0	659	189 <50.0	848 <05.0	714
SB-03	3/23/2022	2	0.5	0.30	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	32.8
		4	0.9	0.28	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
		6	1.0	0.34	<0.100	<0.0250	<20.0	48.4	<50.0	48.4	60.8
		0	0.0	1.40	<0.100	<0.0250	<20.0	1,680	947	2,627	1,980
SB-04	3/23/2022	4	0.3 0.2	0.49	<0.100 <0.100	<0.0250 <0.0250	<20.0 <20.0	<25.0 <25.0	<50.0 <50.0	<95.0 <95.0	158 95.1
3B-04	3/23/2022										
	6 	0.1	0.36	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	75.8	
		0.3	0.36	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	78.7	
SB-05 3/23/2022	2	0.3 0.7	1.00	<0.100	<0.0250 <0.0250	<20.0 <20.0	2,080	4,830	6,910	1,190 42.8	
			0.33	<0.100			<25.0	<50.0	<95.0		
	4	0.7	0.27	<0.100	<0.0250 <0.0250	<20.0 <20.0	<25.0	<50.0	<95.0	<20.0 <20.0	
		6 	0.4 0.5	0.26 0.26	<0.100 <0.100	<0.0250	<20.0	<25.0 <25.0	<50.0 <50.0	<95.0 <95.0	<20.0
	0	0.3	0.26	<0.100	<0.0250	<20.0	153		383	186	
SB-06 3/23/2022	2	0.2	0.35	<0.100	<0.0250	<20.0	<25.0	230 <50.0	<95.0	<20.0	
	3/23/2022	4	0.6	0.26	<0.100	<0.0250	<20.0		<50.0	<95.0 <95.0	27.0
		6	0.8	0.33	<0.100	<0.0250	<20.0	<25.0 <25.0	<50.0	<95.0 <95.0	30.8
		0	0.2	0.63	<0.100	<0.0250	<20.0	449	183	632	651
		2	0.3	0.03	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SB-07	3/23/2022	4	0.2	0.26	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0 <95.0	<20.0
		6	0.2	0.26	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0 <95.0	<20.0
		0	0.4	1.33	<0.100	<0.0250	<20.0	1,440	1,120	2,560	1,720
SB-08	3/23/2022	2	0.4	0.24	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
3D-00	3,23,2022	4	0.3	0.24	<0.100	<0.0250	<20.0	<25.0	<50.0 <50.0	<95.0 <95.0	<20.0
		0	0.1	0.24	<0.100	<0.0250	<20.0	217	161	378	316
SB-09	3/23/2022	2	0.2	0.43	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
30-03	3, 23, 2022	4	0.2	0.29	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0 <95.0	<20.0
		0	0.3	0.27	<0.100	<0.0250	<20.0	244	189	433	611
SB-10	3/23/2022	2	0.3	0.58	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
20 10	3, 23, 2022	4	0.2	0.25	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0 <95.0	<20.0
		0	0.2	1.29	<0.100	<0.0250	<20.0	55.2	58.8	114	1,380
SB-11	3/23/2022	2	0.0	0.28	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
20-TT	3,23,2022	4	0.4	0.26	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0 <95.0	<20.0
		0			<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0 <95.0	438
SB-12 3/23/202	3/23/2022	2			<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0 <95.0	<20.0
	3, 23, 2022	4			<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0 <95.0	<20.0
SB-13 3/23/2022		0			3.580	<0.0250	65.0	7,380	20,900	28,345	21,000
		2			<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	255
	3/23/2022	4			<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0 <95.0	32.2
		6			<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0 <95.0	<20.0
		0							<50.0 510		
SB-14	3/23/2022				<0.100	<0.0250	<20.0	529		1,039	4,480
3D-14	3/23/2022	2			<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
		4			<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	32.4
		0			<0.100	<0.0250	<20.0	461	357	818	807
SB-15	3/23/2022	2			<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0

Table 3: Summary of Release Characterization Field Screening and Laboratory Analytical Results

Sample ID	Sample Date	Depth of Sample	Field Scr	eening	Metho	od 8021B		Metho	d 8015D		Method 300.0
Sample ID	Sample Date	(feet bgs)	VOCs by PID	EC	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Chloride
			ppm	mS	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
NN	10CD Closure C	riteria			50	10				100	600
		0			<0.100	<0.0250	<20.0	57.9	50.8	109	171
SB-16	3/23/2022	2			<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
	4			<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0	
		0			<0.100	<0.0250	<20.0	657	506	1,163	350
SB-17	3/23/2022	2			<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
		4			<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
		0			<0.100	<0.0250	<20.0	520	425	945	351
SB-18	3/23/2022	2			<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
		4			<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
		0			<0.100	<0.0250	<20.0	91.4	<50.0	91.4	139
SB-19	3/23/2022	2			<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
		4			<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
		0			<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	36.7
SB-20	3/23/2022	2			<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
		4			<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
		0			<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	4,330
SB-21	3/23/2022	2			<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	72.7
		4			<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
BH-22 5/26/2022	0	0.5	5.29	<0.100	<0.0250	<20.0	134	274	408	9,870	
3/20/2022	8"	1.3	0.58	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	530	
BH-23 5/26/2022	0	0.8	1.01	<0.100	<0.0250	<20.0	845	762	1,607	1,040	
3,20,2022	8"	1.6	0.59	<0.100	<0.0250	<20.0	28.4	<50.0	28.4	167	
BH-24 5/26/2022	0	0.4	2.60	<0.100	<0.0250	<20.0	229	467	696	1,280	
5/20/2022	1	2.2	0.16	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	39.0	
BH-25	5/26/2022	0	0.3	0.56	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	517
BH-26	5/26/2022	0	0.3	0.40	<0.100	<0.0250	<20.0	91.2	177	268	449
BH-27	5/26/2022	0	0.3	1.93	<0.100	<0.0250	<20.0	45.3	67.9	113	2,240
BH-28	5/26/2022	0	0.3	1.17	<0.100	<0.0250	<20.0	49.6	95.4	145	786
BH-29	5/26/2022	0	0.2	0.19	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	74.7
BH-30	5/26/2022	0	0.7	0.41	<0.100	<0.0250	<20.0	43.1	79.5	123	352
BH-31	5/26/2022	0	0.1	0.37	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	333
	3/20/2022	8"	0.7	0.08	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
BH-32	5/26/2022	0	0.6	0.12	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	53.4
DI1-32	3/20/2022	1	1.2	0.03	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
BH-33	5/26/2022	0	0.8	0.09	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	35.5
511 55	5, 25, 2522	1	2.6	0.04	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
BH-34	5/26/2022	0	0.8	0.12	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	66.3
5,1 54	5, 20, 2022	1	1.8	0.03	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
BH-35	5/26/2022	0	0.9	0.30	<0.100	<0.0250	<20.0	142	81.8	224	313
511 55	5, 25, 2522	1	1.0	0.05	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
BH-36	5/26/2022	0	0.8	0.26	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	109
511 50		1	1.6	0.06	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
BH-37	6/9/2022	0	1.4	0.69	<0.100	<0.0250	<20.0	104	347	451	649
BH-38	6/9/2022	0	0.7	2.18	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	3,150
BH-39	6/9/2022	0	0.9	2.26	<0.100	<0.0250	<20.0	28.5	<50.0	28.5	1,180
BH-40	6/9/2022	0	1.2	1.18	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	1,360
BH-41	6/9/2022	0	0.9	0.86	<0.100	<0.0250	<20.0	26.8	51.1	77.9	1,020
BH-42	6/9/2022	0	1.7	0.11	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	39.2
BH-43	6/9/2022	0	1.4	0.73	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	786
BH-44	6/9/2022	0	1.9	0.06	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
BH-45	6/9/2022	0	1.8	4.89	<0.100	<0.0250	<20.0	27.3	<50.0	27.3	5,670
BH-46	6/9/2022	0	2.2	0.09	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
BH-47	6/9/2022	0	1.3	0.15	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	92.0
BH-48	6/9/2022	0	1.4	0.13	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	73.6

DRO - diesel range organics

MRO - motor oil range organics

TPH - total petroleum hydrocarbons

bgs - below grade surface

mg/kg - milligrams per kilogram

"-" = Not Analyzed

BG - background sample

SB - soil boring

BH - borehole sample

Table 4: Summary of Excavation Confirmation Laboratory Analytical Results

		Depth of Sample	Metho	od 8021B		Metho	d 8015D		Method 300.0
Sample ID	Sample Date	(feet bgs)	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Chloride
		(leet bgs)							
NIN	10CD Closure C	ritoria	mg/Kg 50	mg/Kg 10	mg/Kg	mg/Kg	mg/Kg	mg/Kg 100	mg/Kg 600
INIV	IOCD Closure C	riteria		n Confirmatio	n Samples			100	600
CS09	9/12/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	46.7
CS10				<0.0250	<20.0			<95.0 <95.0	
	9/12/2022	0.5 to 0.75	<0.100			<25.0	<50.0	<95.0 <95.0	<20.0
CS11	9/12/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0		<20.0
CS12	9/12/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS13	9/12/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	31.9	65.6	97.5	20.8
CS14	9/12/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	30.1	59.7	89.8	<20.0
CS15	9/12/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	42.3	64.9	107	<20.0
CS16	9/12/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS17	9/12/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS18	9/12/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS19	9/12/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS20	9/12/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-41	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-42	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-43	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-44	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-45	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-46	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-47	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-48	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-49	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-50	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-51	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-52	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-53	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-54	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-55	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-56	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-57	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-58	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-59	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-60	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-61	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-62	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	20.7
SC-63	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-64	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-65	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	20.4
SC-66	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	21.4
SC-67	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	22.3
SC-89	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	23.1
SC-90	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	29.9
SC-91	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	54.9
SC-92	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	58.7
SC-93	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	58.4
SC-94	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	88.7
SC-95	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	53.5
SC-96	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	45.7
SC-97	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-98	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-99	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	56.0

Table 4: Summary of Excavation Confirmation Laboratory Analytical Results

		Depth of Sample	Metho	od 8021B		Metho	d 8015D		Method 300.0
Sample ID	Sample Date	(feet bgs)	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Chloride
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
NM	10CD Closure C	Criteria	50	10				100	600
SC-100	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	46.7
SC-101	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-102	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-103	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	23.3
SC-104	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	33.2
SC-105	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	29.0
SC-106	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-107	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-108	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	30.6
SC-109	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	23.5
SC-110	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-111	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	21.1
SC-112	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	67.8
SC-113	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	27.1
SC-114	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-115	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	20.1
SC-116	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	25.0	<50.0	25.0	143
SC-117	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-118	9/26/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	61.6	<50.0	61.6	248
SC-119 R	9/30/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	44.2
SC-120 R	9/30/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	67.2
SC-121 R	9/30/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	31.5
SC-122 R	9/30/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	33.5
SC-123 R	9/30/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	32.2	<50.0	32.2	21.6
SC-124 R	9/30/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-125 R	9/30/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-126	9/26/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	28.8	<50.0	28.8	24.3
SC-127	9/26/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	23.4
SC-128 R2	10/6/2022	0.5 to 0.75	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	80
SC-129 R SC-130	9/30/2022	0.5 to 0.75 0.5 to 0.75	<0.100	<0.0250	<20.0	31.8	71.7	104	88.3 375
SC-130 SC-131	9/26/2022	0.5 to 0.75	<0.100	<0.0250 <0.0250	<20.0 <20.0	<25.0 <25.0	<50.0 <50.0	<95.0 <95.0	355
SC-131 SC-132	9/26/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	341
SC-132 SC-133	9/26/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	29.6	<50.0	29.6	352
SC-134	9/26/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	25.2	<50.0	25.2	284
SC-135	9/26/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	228
SC-136	9/26/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	27.6	<50.0	27.6	225
SC-137	9/26/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	154
SC-138 R	9/30/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	46.8
SC-139	9/26/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	380
SC-140 R	9/30/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SC-141	9/26/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	73.7
SC-142	9/26/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	302
SC-143	9/26/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	315
SC-144 R	9/30/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	115
SC-145 R	9/30/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	26.4	<50.0	26.4	125
SC-146	9/26/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	476
SC-147 R	9/30/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SS-1	9/29/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	232
SS-2	9/29/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	530
SS-3	9/29/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	592

Table 4: Summary of Excavation Confirmation Laboratory Analytical Results

		Depth of Sample	Mothe	od 8021B		Motho	d 8015D		Method 300.0
Sample ID	Sample Date	(feet bgs)			GPO			Total TDU	
		(reet bgs)	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Chloride
NIA	1OCD Closure C	ritoria	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
SS-4	T	0.75 to 1	50	10 <0.0250		 -2E 0	<50.0	100 <95.0	600 304
SS-5	9/29/2022		<0.100 <0.100	<0.0250	<20.0	<25.0 <25.0		<95.0 <95.0	414
SS-6	9/29/2022	0.75 to 1	<0.100		<20.0	<25.0	<50.0 <50.0	<95.0 <95.0	386
SS-7	9/29/2022	0.75 to 1	<0.100	<0.0250 <0.0250	<20.0			+	
SS-8	9/29/2022	0.75 to 1 0.75 to 1	<0.100	<0.0250	<20.0 <20.0	<25.0 <25.0	<50.0 <50.0	<95.0 <95.0	353 427
SS-9	9/29/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	341
SS-10	9/29/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	400
SS-10 R	10/6/2022	0.75 to 1		<0.0230 	~20.0	\23.0 	\J0.0	\JJ.0	32
SS-11 R	10/6/2022	0.75 to 1	<0.300	<0.050	<10.0	14.3	<10.0	14.3	16
SS-13	9/29/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	254
SS-14	9/29/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	103
SS-15	9/29/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	225
SS-16	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	112
SS-17	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	34.4	<50.0	34.4	24.0
SS-17	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	95.6
SS-18	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SS-20	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	88.5
SS-21	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SS-22	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	76.2
SS-23	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	94.1
SS-24	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SS-25	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	99.9
SS-26 R	10/6/2022	0.75 to 1	<0.300	<0.050	<10.0	15.7	<10.0	15.7	32.0
SS-27	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	36.6
SS-28	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	36.6
SS-29	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	24.9
SS-30	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	53.8
SS-31	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	53.0	<50.0	53.0	269
SS-32	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	39.9
SS-33	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	137
SS-34	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	427
SS-35	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	588
SS-36	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	201
SS-37	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	226
SS-38	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	190
SS-39	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	66.2
SS-40	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	71.8
SS-41	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	153
SS-42	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	135
SS-43	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	40.0
SS-44	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	53.2
SS-45	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	75.6
SS-46	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	83.3
SS-47	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	43.6
SS-48	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	120
SS-49	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	34.0
SS-50 R	10/6/2022	0.75 to 1	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	224
SS-51	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	366
SS-52	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	176
SS-53	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	70.0
SS-54	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	109

Table 4: Summary of Excavation Confirmation Laboratory Analytical Results

		Depth of Sample	Metho	od 8021B		Metho	d 8015D		Method 300.0
Sample ID	Sample Date	(feet bgs)	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Chloride
		(1000 253)	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
NN	10CD Closure C	riteria	50	10				100	600
SS-55	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	41.9
SS-56	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	50.6
SS-57	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	122
SS-58	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	147
SS-59	10/6/2022	0.75 to 1							416
SS-60	10/6/2022	0.75 to 1							240
SS-61	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	38.8
SS-62	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	204
		311 3 3 2		Removed by I					
CS01	9/12/2022	0.25 to 0.5	<0.100	<0.0250	<20.0	57.2	53.8	111	676
CS02	9/12/2022	0.25 to 0.5	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	5,850
CS03	9/12/2022	0.25 to 0.5	<0.100	<0.0250	<20.0	52.4	<50.0	52.4	5,060
CS04	9/12/2022	0.25 to 0.5	<0.100	<0.0250	<20.0	133	109	242	7,110
CS05	9/12/2022	0.25 to 0.5	<0.100	<0.0250	<20.0	206	173	379	3,220
CS06	9/12/2022	0.25 to 0.5	<0.100	<0.0250	<20.0	186	163	349	1,220
CS07	9/12/2022	0.25 to 0.5	<0.100	<0.0250	<20.0	105	94.0	199	8,500
CS08	9/12/2022	0.25 to 0.5	<0.100	<0.0250	<20.0	47.4	50.3	97.7	2,400
SC-68	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	125	81.9	207	468
SC-69	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	269	201	470	613
SC-70	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	178	131	309	565
SC-71	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	177	132	309	506
SC-72	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	88.7	80.7	169	365
SC-73	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	44.5	<50.0	44.5	188
SC-74	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	45.8	<50.0	45.8	2,060
SC-75	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	44.7	<50.0	44.7	2,250
SC-76	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	37.4	<50.0	37.4	317
SC-77	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	143	110	253	635
SC-78	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	117	88.2	205	532
SC-79	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	91.5	72.7	164	318
SC-80	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	71.9	56.1	128	53.4
SC-81	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	336	291	627	675
SC-82	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	198	167	365	647
SC-83	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	28.9	<50.0	28.9	202
SC-84	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	158	121	279	115
SC-85	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	192	139	331	519
SC-86	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	311	323	634	381
SC-87	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	90.9	96.7	188	41.0
SC-88	9/23/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	57.3	57.0	114	32.0
SC-119	9/26/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	75.7	72.4	148	198
SC-120	9/26/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	134	143	277	113
SC-121	9/26/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	116	104	220	101
SC-122	9/26/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	67.5	64.0	132	85.4
SC-123	9/26/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	124	325	449	238
SC-124	9/26/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	35.2	105	140	82.5
SC-125	9/26/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	44.9	81.1	126	214
SC-128	9/26/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	158	547	705	262
SC-128 R	9/30/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	27.0	56.5	83.5	<20.0
SC-129	9/26/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	36.8	109	146	23.5
SC-138	9/26/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	72.2	75.6	148	363
SC-140	9/26/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	29.1	<50.0	29.1	811
SC-144	9/26/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	629

Table 4: Summary of Excavation Confirmation
Laboratory Analytical Results

Compute ID	Campula Data	Depth of Sample	Metho	od 8021B		Metho	d 8015D		Method 300.0
Sample ID	Sample Date	(feet bgs)	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Chloride
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
NM	OCD Closure C	riteria	50	10	1	1	-	100	600
SC-145	9/26/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	941
SC-147	9/26/2022	0.5 to 0.75	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	587
SS-11	9/29/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	625
SS-12	9/29/2022	0.75 to 1	<0.100	<0.0250	<20.0	58.3	91.6	150	224
SS-26	9/30/2022	0.75 to 1	10.98	0.1360	180	<25.0	<50.0	180	46.0
SS-50	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	203	160	363	512
SS-59	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	604
SS-60	9/30/2022	0.75 to 1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	715

Notes:

NMOCD - New Mexico Oil Conservation Division

bgs - below grade surface

BTEX - benzene, ethylbenzene, toluene, and xylenes

GRO - gasoline range organics DRO - diesel range organics MRO - motor oil range organics

TPH - total petroleum hydrocarbon mg/kg - milligram per kilogram

SS, SC, and CS were sample names to keep track of sample locations, letters have no special meaning

APPENDIX A CORRESPONDENCE

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible	Party			OGRID	OGRID				
Contact Nam	ie			Contact To	elephone				
Contact emai	i1			Incident #	Incident # (assigned by OCD)				
Contact mail	ing address			-					
			Location	of Release So	ource				
Latitude				Longitude					
			(NAD 83 in de	cimal degrees to 5 decin	nal places)				
Site Name				Site Type					
Date Release	Discovered			API# (if app	olicable)				
Unit Letter	Section	Township	Range	Cour	ntv]			
Ont Letter	Section	Township	runge	Range County					
Surface Owner	r: State	Federal Tr	ibal Private (I	Name:)			
			Nature and	d Volume of 1	Release				
Crude Oil		(s) Released (Select al Volume Release		calculations or specific	or specific justification for the volumes provided below) Volume Recovered (bbls)				
Produced	Water	Volume Release	` '		Volume Recovered (bbls)				
			ion of total dissol	ved solids (TDS)	☐ Yes ☐ N	,			
		in the produced	water >10,000 mg						
Condensa	te	Volume Release	d (bbls)		Volume Reco	vered (bbls)			
Natural G	as	Volume Release	d (Mcf)		Volume Reco	vered (Mcf)			
Other (des	scribe)	Volume/Weight	Released (provide	e units)	Volume/Weig	tht Recovered (provide units)			
Cause of Rele	ease								

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Incident ID		
District RP		
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Application ID		

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the respon	nsible party consider this a major release?						
☐ Yes ☐ No								
If YES, was immediate no	Lotice given to the OCD? By whom? To wh	om? When and by what means (phone, email, etc)?						
	Initial Ro	esponse						
The responsible	party must undertake the following actions immediatel	y unless they could create a safety hazard that would result in injury						
☐ The source of the rele	ease has been stopped.							
☐ The impacted area ha	s been secured to protect human health and	the environment.						
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.								
☐ All free liquids and re	All free liquids and recoverable materials have been removed and managed appropriately.							
	d above have <u>not</u> been undertaken, explain v							
has begun, please attach	a narrative of actions to date. If remedial	emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred lease attach all information needed for closure evaluation.						
regulations all operators are public health or the environr failed to adequately investig	required to report and/or file certain release notinent. The acceptance of a C-141 report by the Cate and remediate contamination that pose a three	post of my knowledge and understand that pursuant to OCD rules and fications and perform corrective actions for releases which may endanger ICD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws						
Printed Name:		Title:						
Signature: <u>Kendra</u>	DeHoyos	Date:						
email:		Telephone:						
OCD Only								
Received by: Ramona M	Marcus	Date:						

Spill Volume(Bbls) Calculator Inputs in blue, Outputs in red Contaminated Soil measurement Length(Ft) Width(Ft) Depth(Ft) 457 264.000 0.010 Cubic Feet of Soil Impacted 1206,480 Barrels of Soil Impacted 215.06 Soil Type Clay/Sand Barrels of Oil Assuming 32.26 100% Saturation Fluid present with shovel/backhoe Saturation Estimated Barrels of Oil 32.26 Released Free Standing Fluid Only Length(Ft) Width(Ft) Depth(Ft) 50.000 0.021 20 Standing fluid 3.735 Total fluids spilled 35.994

NAPP2200428221

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Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	<50 (ft bgs)	
Did this release impact groundwater or surface water?	☐ Yes ⊠ No	
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ⊠ No	
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ⊠ No	
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ⊠ No	
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ⊠ No	
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ⊠ No	
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ⊠ No	
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ⊠ No	
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ⊠ No	
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ⊠ No	
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ⊠ No	
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ⊠ No	
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.		
Characterization Report Checklist: Each of the following items must be included in the report.		
 Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring well Field data □ Data table of soil contaminant concentration data □ Depth to water determination □ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release □ Boring or excavation logs □ Photographs including date and GIS information □ Topographic/Aerial maps □ Laboratory data including chain of custody 	ls.	

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Dale Woodall

Title: Env. Professional

Date: 4/21/2023

email: dale.woodaall@dvn.com

Telephone: 575-748-1838

OCD Only

Received by: Date: D

te of New Mexico

Incident ID	nAPP2200428221
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Remediation Plan

Remediation Plan Checklist: Each of the following items must b	e included in the plan.
 □ Detailed description of proposed remediation technique □ Scaled sitemap with GPS coordinates showing delineation poin □ Estimated volume of material to be remediated □ Closure criteria is to Table 1 specifications subject to 19.15.29. □ Proposed schedule for remediation (note if remediation plan tin 	12(C)(4) NMAC
Deferral Requests Only: Each of the following items must be con	ofirmed as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around predeconstruction.	roduction equipment where remediation could cause a major facility
Contamination does not cause an imminent risk to human health	n, the environment, or groundwater.
	e and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of
Printed Name: Dale Woodall	Title: Env. Professional
Signature: Dale Woodall	Date:
email:dale.woodall@dvn.com	Telephone: <u>575-748-1838</u>
OCD O. I.	
OCD Only	
Received by:	Date:
Approved	Approval
Signature:	Date:

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Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

A scaled site and sampling diagram as described in 19.15.29.11 NMAC	
Note: appropriate OCD District office must be notified 2 days prior to liner inspection)	
☐ Laboratory analyses of final sampling (Note: appropriate OD	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rehuman health or the environment. In addition, OCD acceptance of	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in
Printed Name: Dale Woodall	Title: Env. Professional
Signature: Dale Woodall	Date: 4/21/2023
email: dale.woodall@dvn.com	Telephone:575-748-1838
OCD Only	
Received by:	Date:
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible for regulations.
Closure Approved by:	Date:
Printed Name:	Title:

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

CONDITIONS

Action 74707

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	74707
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rmarcus	The submitted C-141 is accepted with the following condition(s): The lateral and longitudinal information does not match the ULSTR regarding the release location. Please correct the conflicting information and report back to OCD. The latitude and longitude information on the C-141 resulted in the following ULSTR: B (Lot2)-01-23S-31E.	1/31/2022

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS

Action 70074

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	70074
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
Please answer all of the questions in this group.	
Site Name	TOMB RAIDER 1 12 FEDERAL #062H
Date Release Discovered	01/03/2022
Surface Owner	Federal

Incident Details	
Please answer all of the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications	for the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Cause: Equipment Failure Other (Specify) Crude Oil Released: 8 BBL Recovered: 0 BBL Lost: 8 BBL]
Produced Water Released (bbls) Details	Cause: Equipment Failure Other (Specify) Produced Water Released: 80 BBL Recovered: 0 BBL Lost: 80 BBL]
Is the concentration of dissolved chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	A hole in the piping on the wellpad caused pressurized produced water to spray on the well pad. Spill was not in containment. The estimated volume is approximately 88 bbls (80 bbls produced water/8 bbls oil). Because of cold weather, the produced water froze on the surface. Recovered volumes will be determined later. Well was shut in to stop release.

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS, Page 2

Action 70074

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	70074
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)		
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.	
Was this a major release as defined by 19.15.29.7(A) NMAC	Yes, major release.	
Reasons why this would be considered a submission for a notification of a major release	Unauthorized release of a volume, excluding gases, of 25 barrels or more	
If YES, was immediate notice given to the OCD, by whom	Not answered.	
If YES, was immediate notice given to the OCD, to whom	Not answered.	
If YES, was immediate notice given to the OCD, when	Not answered.	
If YES, was immediate notice given to the OCD, by what means (phone, email, etc.)	Not answered.	
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.		

Initial Response		
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.		
The source of the release has been stopped	True	
The impacted area has been secured to protect human health and the environment	True	
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True	
All free liquids and recoverable materials have been removed and managed appropriately	True	
If all the actions described above have not been undertaken, explain why	Not answered.	

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

ACKNOWLEDGMENTS

Action 70074

ACKNOWLEDGMENTS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	70074
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

✓	I acknowledge that I am authorized to submit notification of a releases on behalf of my operator.
V	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
V	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
V	I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment.
V	I acknowledge the fact that the acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment.
V	I acknowledge the fact that, in addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

CONDITIONS

Action 70074

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	70074
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

CONDITIONS

Create	I Condition	Condition
Ву		Date
wdal	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	1/4/2022

RECEIVED

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410

State of New Mexico **Energy Minerals and Natural Resources**

Oil Conservation Division

Form C-141 Revised April 3, 2017

MAY 2 9 2018
Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

1220 South St. Francis Dr. DISTRICT II-ARTESIA O.C.D.

1220 S. St. Francis Dr., Santa Fe, NM 87505 Santa Fe, NM 87505 **Release Notification and Corrective Action** NAB1811,327517 **OPERATOR** Initial Report Final Report Name of Company Devon Energy Production Company 12/37 Contact Merle Lewis, Production Foreman Address 6488 Seven Rivers Hwy Artesia, NM 88210 Telephone No. 575-748-3371 Facility Name Tomb Raider 1 12 Federal 62H Facility Type Oil Surface Owner Federal Mineral Owner Federal API No. 30-015-43889 LOCATION OF RELEASE Unit Letter Section Township Range Feet from the North/South Line Feet from the East/West Line County C 1 **23S** 31E Eddy Latitude_32.340183_ Longitude_103.735711_ NAD83 NATURE OF RELEASE Type of Release Volume of Release Volume Recovered Oil & Natural Gas 7.73bbls oil & 152 MCF 1bbls oil Source of Release Date and Hour of Occurrence Date and Hour of Discovery Flowline May 15, 2018 @ 9:15 AM MST May 15, 2018 @ 9:15 AM MST Was Immediate Notice Given? If YES, To Whom? NMOCD-Mike Bratcher & Crystal Weaver **BLM-Shelly Tucker** By Whom? Date and Hour Mike Shoemaker, EHS Professional May 16, 2018 @ 6:57 AM MST Was a Watercourse Reached? If YES, Volume Impacting the Watercourse. ☐ Yes 🛛 No If a Watercourse was Impacted, Describe Fully.* N/A Describe Cause of Problem and Remedial Action Taken.* A contractor was taking samples at the Tomb Raider 62H well head and their operator opened the sample point on the flowline and removed the 1" bull plug causing the release. The compressor was turned off and the 1" ball valve was closed to stop the release. Describe Area Affected and Cleanup Action Taken.* Approximately 7.73bbl oil & 152 MCF of gas were released. A vacuum truck was dispatched and recovered approximately 1bbls oil from location. An Environmental contractor will be contacted to assist with further delineation and remediation efforts. I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. OIL CONSERVATION DIVISION Signature: Sheila Fisher Signed By Approved by Environmental Specialis Printed Name: Sheila Fisher Title: Field Admin Support Approval Date: **Expiration Date:** E-mail Address: Sheila.Fisher@dvn.com Conditions of Approval:

* Attach Additional Sheets If Necessary

6/7/18AB

Date: 5/17/18

Phone: 575.748.1829

Operator/Responsible Party,

The OCD has received the form C-141 you provided on 5/29/2018 regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number has been assigned. Please refer to this case number in all future correspondence.

It is the Division's obligation under both the Oil & Gas Act and Water Quality Act to provide for the protection of public health and the environment. Our regulations (19.15.29.11 NMAC) state the following,

The responsible person shall complete <u>division-approved corrective action</u> for releases that endanger public health or the environment. The responsible person shall address releases in accordance with a remediation plan submitted to and approved by the division or with an abatement plan submitted in accordance with 19.15.30 NMAC. [emphasis added]

Release characterization is the first phase of corrective action unless the release is ongoing or is of limited volume and all impacts can be immediately addressed. Proper and cost-effective remediation typically cannot occur without adequate characterization of the impacts of any release. Furthermore, the Division has the ability to impose reasonable conditions upon the efforts it oversees. As such, the Division is requiring a workplan for the characterization of impacts associated with this release be submitted to the OCD District 2 office in ARTESIA on or before 6/29/2018. If and when the release characterization workplan is approved, there will be an associated deadline for submittal of the resultant investigation report. Modest extensions of time to these deadlines may be granted, but only with acceptable justification.

The goals of a characterization effort are: 1) determination of the lateral and vertical extents along with the magnitude of soil contamination. 2) determine if groundwater or surface waters have been impacted. 3) If groundwater or surface waters have been impacted, what are the extents and magnitude of that impact. 4) The characterization of any other adverse impacts that may have occurred (examples: impacts on vegetation, impacts on wildlife, air quality, loss of use of property, etc.). To meet these goals as quickly as possible, the following items must, at a minimum, be addressed in the release characterization workplan and subsequent reporting:

- Horizontal delineation of soil impacts in each of the four cardinal compass directions. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300. This is not an exclusive list of potential contaminants. Analyzed parameters should be modified based on the nature of the released substance(s). Soil sampling must be both within the impacted area and beyond.
- Vertical delineation of soil impacts. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300. As above, this is not an exclusive list of potential contaminants and can be modified. Vertical characterization samples should be taken at depth intervals no greater than five feet apart. Lithologic description of encountered soils must also be provided. At least ten vertical feet of soils with contaminant concentrations at or below these values must be demonstrated as existing above the water table.
- Nominal detection limits for field and laboratory analyses must be provided.
- Composite sampling is not generally allowed.
- Field screening and assessment techniques are acceptable (headspace, titration, EC [include algorithm for validation purposes], EM, etc.), but the sampling and assay procedures must be clearly defined. Copies of field notes are highly desirable. A statistically significant set of split samples must be submitted for confirmatory laboratory analysis, including the laterally farthest and vertically deepest sets of soil samples. Make sure there are at least two soil samples submitted

for laboratory analysis from each borehole or test pit (highest observed contamination and deepest depth investigated). Copies of the actual laboratory results must be provided including chain of custody documentation.

- •Probable depth to shallowest protectable groundwater and lateral distance to nearest surface water. If there is an estimate of groundwater depth, the information used to arrive at that estimate must be provided. If there is a reasonable assumption that the depth to protectable water is 50 feet or less, the responsible party should anticipate the need for at least one groundwater monitoring well to be installed in the area of likely maximum contamination.
- If groundwater contamination is encountered, an additional investigation workplan may be required to determine the extents of that contamination. Groundwater and/or surface water samples, if any, must be analyzed by a competent laboratory for volatile organic hydrocarbons (typically Method 8260 full list), total dissolved solids, pH, major anions and cations including chloride and sulfate, dissolved iron, and dissolved manganese. The investigation workplan must provide the groundwater sampling method(s) and sample handling protocols. To the fullest extent possible, aqueous analyses must be undertaken using nominal method detection limits. As with the soil analyses, copies of the actual laboratory results must be provided including chain of custody documentation.
- Accurately scaled and well-drafted site maps must be provided providing the location of borings, test pits, monitoring wells, potentially impacted areas, and significant surface features including roads and site infrastructure that might limit either the release characterization or remedial efforts. Field sketches may be included in subsequent reporting, but should not be considered stand-alone documentation of the site's layout. Digital photographic documentation of the location and fieldwork is recommended, especially if unusual circumstances are encountered.

Nothing herein should be interpreted to preclude emergency response actions or to imply immediate remediation by removal cannot proceed as warranted. Nonetheless, characterization of impacts and confirmation of the effectiveness of remedial efforts must still be provided to the OCD before any release incident will be closed.

Jim Griswold
OCD Environmental Bureau Chief
1220 South St. Francis Drive
Santa Fe, New Mexico 87505
505-476-3465
jim.griswold@state.nm.us



Bratcher, Mike, EMNRD

From: Fisher, Sheila <Sheila.Fisher@dvn.com>

Sent: Tuesday, May 29, 2018 4:27 PM

To: Bratcher, Mike, EMNRD; Weaver, Crystal, EMNRD; Shelly Tucker (stucker@blm.gov) Cc:

Shoemaker, Mike; Fulks, Brett; Lewis, Merle; West, Christopher; Coombes, Justin

Subject: Tomb Raider 1-12 Fed 62H_7.73bbls oil & 152MCF release_5.15.18

Attachments: Tomb Raider 1-12 Fed 62H 7.73bbls oil & 152MCF release Initial C-141 5.15.18.doc;

Tomb Raider 1-12 Fed 62H 7.73bbls oil & 152MCF release GIS Image 5.15.18.pdf

Good Afternoon,

Attached please find the Initial C-141 and GIS Image for the 7.73bbls oil & 152MCF release at the Tomb Raider 1-12 Fed 62H on 5.15.18.

If you have any questions please feel free to contact us.

Thank you,

Sheila Fisher

Field Admin Support Production B-Schedule

Devon Energy Corporation

PO Box 250 Artesia, NM 88211 575 748 1829 Direct



Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.

Bratcher, Mike, EMNRD

From: Shoemaker, Mike < Mike. Shoemaker@dvn.com>

Sent: Wednesday, May 16, 2018 6:57 AM

To: Bratcher, Mike, EMNRD; Weaver, Crystal, EMNRD; Shelly Tucker (stucker@blm.gov)

Subject: Tomb Raider 1-12 Fed 62H (API #30-015-43889)

Good Morning,

Devon identified the following release at approximately 9:15 AM MST on 05/15/18.

- 1. Tomb Raider 1-12 Fed 62H (API #30-015-43889)
 - a. A contractor was taking samples this morning at the Tomb Raider 62H well head and their operator opened the sample point on the flowline and removed the 1" bull plug. Not realizing the valve was still open the pressure from the flowline started to vent to the atmosphere releasing approximately 152.4 mcf of gas and approximately 7.73 bbls of mixed fluid was released onto the location. Approximately 1 bbl was recovered.

The impacted area will be mapped to establish the horizontal extent of the impact. The impacted area will then be scrapped off and sampled in accordance with NMOCD Guidelines for Remediation of Leaks, Spills, and Releases and further remediation will be based on these sample results.

A C-141 will be prepared and submitted with GPS coordinates of the area affected.

Thanks,

Mike Shoemaker EHS Representative

Devon Energy Corporation

6488 Seven Rivers Highway Artesia, New Mexico 88210 575-746-5566 Office 575-513-5035 Mobile



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From: Heather Woods

Sent: Thursday, September 8, 2022 2:24 PM

To: Enviro, OCD, EMNRD

Cc: Woodall, Dale; Sarahmay Schlea; Georgeann Goodman

Subject: Confirmation Sampling Notification - Tomb Raider 1 12 Federal #062H (nAPP2200428221)

Good Afternoon,

Souder, Miller & Associates will be on location Monday, September 12th, 2022, at 7:30am to conduct confirmation sampling at the Devon Tomb Raider 1 12 Federal #062H release location (nAPP2200428221) located at 32.340183, -103.735711.

Many Thanks, Heather

Heather Woods, P.G. *Project Geoscientist*

Personal Registrations: UT Professional Geologist

Corporate Registrations: AZ Engineering/Geology/Surveying Firm (14070), FL Engineering Firm (34203), ID Engineering/Surveying Firm (C-3564), ND Engineering Firm (28545PE), OK Engineering Firm (8498), SD Surveying Firm (C-7436), TX Engineering Firm (8877), TX Geology Firm (50254), TX PST CAPM (CS-0000051), TX Surveying Firm (10162200), WY Engineering/Surveying Firm (S-1704)



Souder, Miller & Associates

Engineering ◆ Environmental ◆ Geomatics 401 West Broadway Farmington, NM 87401 (505) 716-2787 (mobile) (505) 325-7535 (office) www.soudermiller.com





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From: Sarahmay Schlea

Sent: Thursday, September 15, 2022 4:36 PM

To: Enviro, OCD, EMNRD

Cc: Woodall, Dale; Heather Woods; Georgeann Goodman

Subject: Confirmation Sampling Notification - Tomb Raider 1 12 Federal #062H (nAPP2200428221)

Good Afternoon,

Souder, Miller & Associates will be on location Monday, September 19th, 2022, at 7:30am to conduct confirmation sampling at the Devon Tomb Raider 1 12 Federal #062H release location (nAPP2200428221) located at 32.340183, -103.735711.

Thanks, Sarahmay Schlea



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www.soudermiller.com

Sarahmay Schlea

Staff Scientist I (she/her)

Direct/Mobile: 330-958-5689

Office: 575-449-2758

201 S Halagueno St Carlsbad, NM 88220

Corporate Registrations: AZ Engineering/Geology/Surveying Firm (14070), FL Engineering Firm (34203), ID Engineering/Surveying Firm (C-3564), ND Engineering Firm (28545PE), OK Engineering Firm (8498), SD Surveying Firm (C-7436), TX Engineering Firm (8877), TX Geology Firm (50254), TX Surveying Firm (10162200), WY Engineering/Surveying Firm (S-1704)

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From: Sarahmay Schlea

Sent: Wednesday, September 21, 2022 11:34 AM

To: Enviro, OCD, EMNRD

Cc: Woodall, Dale; Heather Woods; Georgeann Goodman

Subject: Confirmation Sampling Notification - Tomb Raider 1 12 Federal #062H (nAPP2200428221)

Good Afternoon,

Souder, Miller & Associates will be on location Friday, September 23rd, 2022, at 7:30am to conduct confirmation sampling at the Devon Tomb Raider 1 12 Federal #062H release location (nAPP2200428221) located at 32.340183, -103.735711.

Thanks, Sarahmay Schlea



Sarahmay Schlea

Staff Scientist I (she/her)

Direct/Mobile: 330-958-5689

Office: 575-449-2758

201 S Halagueno St Carlsbad, NM 88220

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From: Georgeann Goodman

Sent: Wednesday, March 15, 2023 8:23 AM

To: Sarahmay Schlea

Subject: FW: Confirmation Sampling Notification - Tomb Raider 1 12 Federal #062H (nAPP2200428221)

From: Sarahmay Schlea <sarahmay.schlea@soudermiller.com>

Sent: Friday, September 23, 2022 2:42 PM

To: Enviro, OCD, EMNRD <ocd.enviro@state.nm.us>

Cc: Woodall, Dale <dale.woodall@dvn.com>; Heather Woods <Heather.Woods@soudermiller.com>; Georgeann

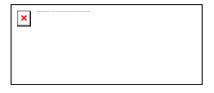
Goodman < Georgeann. Goodman@soudermiller.com >

Subject: Re: Confirmation Sampling Notification - Tomb Raider 1 12 Federal #062H (nAPP2200428221)

Good Afternoon,

Souder, Miller & Associates will be on location Monday, September 26th, 2022, at 8:00am to conduct confirmation sampling at the Devon Tomb Raider 1 12 Federal #062H release location (nAPP2200428221) located at 32.340183, - 103.735711.

Thanks, Sarahmay Schlea



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Sarahmay Schlea

Staff Scientist I (she/her)

Direct/Mobile: 330-958-5689

Office: 575-449-2758

201 S Halagueno St Carlsbad, NM 88220

Corporate Registrations: AZ Engineering/Geology/Surveying Firm (14070), FL Engineering Firm (34203), ID Engineering/Surveying Firm (C-3564), ND Engineering Firm (28545PE), OK Engineering Firm (8498), SD Surveying Firm (C-7436), TX Engineering Firm (8877), TX Geology Firm (50254), TX Surveying Firm (10162200), WY Engineering/Surveying Firm (S-1704)

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From: Sarahmay Schlea

Sent: Wednesday, September 21, 2022 11:34:14 AM **To:** Enviro, OCD, EMNRD < ocd.enviro@state.nm.us>

Cc: Woodall, Dale <dale.woodall@dvn.com>; Heather Woods <Heather.Woods@soudermiller.com>; Georgeann

Goodman < Georgeann. Goodman@soudermiller.com >

Subject: Confirmation Sampling Notification - Tomb Raider 1 12 Federal #062H (nAPP2200428221)

Good Afternoon,

Souder, Miller & Associates will be on location Friday, September 23rd, 2022, at 7:30am to conduct confirmation sampling at the Devon Tomb Raider 1 12 Federal #062H release location (nAPP2200428221) located at 32.340183, - 103.735711.

Thanks, Sarahmay Schlea

Sarahmay Schlea

Staff Scientist I (she/her)

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Direct/Mobile: 330-958-5689

Office: 575-449-2758

www.soudermiller.com

201 S Halagueno St Carlsbad, NM 88220

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From: Georgeann Goodman

Sent: Tuesday, September 27, 2022 9:33 AM

To: ocd.enviro@state.nm.us

Cc: Heather Woods; Sarahmay Schlea

Subject: Confirmation Sampling Notification - Tomb Raider 1 12 Federal #062H (nAPP2200428221)

Good morning,

Souder, Miller & Associates would like to be on location Wednesday, September 28th, 2022, at 8:00am to conduct confirmation sampling at the Devon Tomb Raider 1 12 Federal #062H release location (nAPP2200428221) located at 32.340183, -103.735711.

Thank you, Georgeann Goodman

From: Sarahmay Schlea

Sent: Wednesday, September 28, 2022 12:46 PM

To: Enviro, OCD, EMNRD

Cc: Woodall, Dale; Heather Woods; Georgeann Goodman

Subject: Confirmation Sampling Notification - Tomb Raider 1 12 Federal #062H (nAPP2200428221)

Good Afternoon.

Due to excavation guidance and confirmation sampling occurring concurrently, Souder, Miller & Associates would like to be on location Thursday, September 29th, 2022, at 8:00am to conduct further confirmation sampling at the Devon Tomb Raider 1 12 Federal #062H release location (nAPP2200428221) located at 32.340183, -103.735711.

Thanks,



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Sarahmay Schlea

Staff Scientist I (she/her)

Direct/Mobile: 330-958-5689

Office: 575-449-2758

201 S Halagueno St Carlsbad, NM 88220

Corporate Registrations: AZ Engineering/Geology/Surveying Firm (14070), FL Engineering Firm (34203), ID Engineering/Surveying Firm (C-3564), ND Engineering Firm (28545PE), OK Engineering Firm (8498), SD Surveying Firm (C-7436), TX Engineering Firm (8877), TX Geology Firm (50254), TX Surveying Firm (10162200), WY Engineering/Surveying Firm (S-1704)

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From: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Sent: Thursday, October 6, 2022 8:54 AM

To: Heather Woods; Dale.Woodall@dvn.com; Sarahmay Schlea; Georgeann Goodman

Cc: Harimon, Jocelyn, EMNRD; Nobui, Jennifer, EMNRD; Hamlet, Robert, EMNRD

Subject: RE: [EXTERNAL] Re: Confirmation Sampling Notification - Tomb Raider 1 12 Federal #062H

(nAPP2200428221)

Heather,

OCD will approve a variance to the sample notification as required in 19.15.29 NMAC, in this instance. Please proceed on your schedule. Also, please include this, and all correspondence, in the closure report to insure inclusion in the project file.

Thank you,

Mike Bratcher • Incident Supervisor

Environmental Bureau EMNRD - Oil Conservation Division 506 W. Texas Ave | Artesia, NM 88210

(575) 626-0857 | mike.bratcher@emnrd.nm.gov NOTE NEW EMAIL ADDRESS

http://www.emnrd.state.nm.us/OCD/



From: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Sent: Thursday, October 6, 2022 8:32 AM

To: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Harimon, Jocelyn, EMNRD

<Jocelyn.Harimon@emnrd.nm.gov>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>; Hamlet, Robert,

EMNRD <Robert.Hamlet@emnrd.nm.gov>; Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>

Subject: Fw: [EXTERNAL] Re: Confirmation Sampling Notification - Tomb Raider 1 12 Federal #062H (nAPP2200428221)

From: Heather Woods < Heather. Woods@soudermiller.com >

Sent: Thursday, October 6, 2022 8:26 AM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov >

Cc: Woodall, Dale <Dale.Woodall@dvn.com>; Sarahmay Schlea <sarahmay.schlea@soudermiller.com>; Georgeann

Goodman < Georgeann. Goodman@soudermiller.com >

Subject: [EXTERNAL] Re: Confirmation Sampling Notification - Tomb Raider 1 12 Federal #062H (nAPP2200428221)

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Morning,

Based on sample results received yesterday evening, we will be removing a little more material and resampling several small areas today at the Devon Tomb Raider 1 12 Federal #062H release location (nAPP2200428221) located at 32.340183, -103.735711. There is a rig scheduled to move to this location soon and we would like to complete the remediation. Hopefully this is acceptable but please let us know if not so that we can reschedule confirmation sampling.

Thanks, Heather

Heather Woods, PG (505) 716-2787 Heather.Woods@SouderMiller.com

From: Heather Woods < Heather. Woods@soudermiller.com >

Sent: Thursday, September 8, 2022, 2:23 PM

To: Enviro, OCD, EMNRD < ocd.enviro@state.nm.us >

Cc: Woodall, Dale < <u>Dale.Woodall@dvn.com</u>>; Sarahmay Schlea < <u>sarahmay.schlea@soudermiller.com</u>>; Georgeann

Goodman < Georgeann. Goodman@soudermiller.com >

Subject: Confirmation Sampling Notification - Tomb Raider 1 12 Federal #062H (nAPP2200428221)

Good Afternoon,

Souder, Miller & Associates will be on location Monday, September 12th, 2022, at 7:30am to conduct confirmation sampling at the Devon Tomb Raider 1 12 Federal #062H release location (nAPP2200428221) located at 32.340183, - 103.735711.

Many Thanks, Heather

Heather Woods, P.G. *Project Geoscientist*

Personal Registrations: UT Professional Geologist

Corporate Registrations: AZ Engineering/Geology/Surveying Firm (14070), FL Engineering Firm (34203), ID Engineering/Surveying Firm (C-3564), ND Engineering Firm (28545PE), OK Engineering Firm (8498), SD Surveying Firm (C-7436), TX Engineering Firm (8877), TX Geology Firm (50254), TX PST CAPM (CS-0000051), TX Surveying Firm (10162200), WY Engineering/Surveying Firm (S-1704)



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APPENDIX B WATER WELL DATA



New Mexico Office of the State Engineer Water Column/Average Depth to Water

No records found.

PLSS Search:

Section(s): 1, 2, 11, 12 **Township:** 23S **Range:** 31E

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



New Mexico Office of the State Engineer Water Column/Average Depth to Water

No records found.

PLSS Search:

Section(s): 35, 36 Township: 22S Range: 31E

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

APPENDIX C FIELD NOTES AND PHOTOGRAPH LOG

						pall of	. 2_
			Field Sc	creening		, ,	
	Loc	cation	Name:			Da	ite:
Devon	Tombr	aidur				3 23 22	,
Sample Name:	nates Suit Mybus	Depth (BGS)		EC (ppm)	Temp (°C)	PID Reading	PF
BG 00		0	0800	0.25	16.9	0.7	
BGOI		1	0803	0.23	16.7	0.4	
BG @ 2		2	0805	0.24	17.1	0.2	
DG 03		3	0800	0.24	16.9	0.1	
8624		4	0807	0.25	14.9	0-1	
SB0120		0)	0819	11.09	16.0	5.9	1639
SB012		7	0825	a - 33	17.0	15.6	
5B0104		4	0830	0.24	16.7	2.3	Φ
SB0126		6	0834	0.28	14.9	4.1	
580107	refusal	7	0840	a.31	16.3	0.3	\mathcal{D}
5B0200		Ø	0848	5.81	15.9	4.7	error
580202		٦	0852	0.32	17.5	1.7	0
5002074		4	0855	0.24	15.4	0.1	Ø
580206		6	0854	0.27	16.9	0 .3	
SB0227	refusal	7	0907	0.27	16.9	0.6	
SB03 Q0		0	0910	0.85	16.1	1.5	1827
SB0322		2	o715	a-3a	17.1	0.5	Φ
5B0324		4	0920	0.28	(7.1	0.9	0
5B@306		6	0925	0.34	17.1	1.00	
3B0420		O	0927	1.40	16.5	0.0	1647
5BO42 2		Z	0932	0.49	16.3	0.3	Φ
SB0424		4	0935	0.39	17.4	0.2	0
5B0420		9	0943	0.34	16.9	0.1	
5BO427		7	0944	0.34	17.2	0.3	
5Ba520		0	0958	1.00	17.1	0.3	

*ECVALUES are all artificial up to SBII due to DI water being mistaken for tap water; in water alone, Ec was reading 2 0.23-0.25

1900 1 May 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						pg 2 of 3	
				reening		Data	
	Loc	ation	Name:			Date	•
Devon T	omb Rai	der				3 23 22	
Sample Name:	Notes CANNAMENTS	Depth (BGS)	Collection Time:	EC (ppm)	Temp (°C)	PID Reading	PF
580522		20	1020	Q.33	21.0	0.7	
5B0524		42	1025	0.27	13.8	0.7	
580526		9	1030	0.26	18.4	0.4	
560527		7	1032	ما 1.0	18.2	0.5	
5Ba600		0	1035	0.35	19.4	0.2	
SB060 2		2	1034	٥.26	J8.3	0.2	
5B06 € 4		4	1044	0.33	12.8	0.4	<u> </u>
28000 P		(م	1047	0.33	19.3	0.2	
580700		Ф	1050	0.63	19.0	0.3	
580722		2	1100	0.26	19.6	0.2	<u></u>
580724		4	1105	a.24	18.9	0.2	
5B0702 6		6	1108	Q. 26	18.5	0.2	
580820		0	1115	1.33	23.0	0.4	
580802		2	1125	0.24	19.00	0.3	
580824		4	1126	0.24	18.7	0.1	
SB 6900 0		0	1129	0.43	19.2	0.2	
5B0902		7	1131	0.29	18.5	0-2	
SB 0924		4	1135	0.27	18.5	0.3	
5B 10D0		0	1140	0.58	20.1	0.3	
5B 1002		2	1145	0.24	18.7	0.7	
58 1024		4	1150	0.25	18.3	0.2	
2B 11 90		0	1152	1.29	19.1	0.0	
56 11 az		2	1158	0.28	19.4	0.4	
3B 11 0 4		4	1203	ما٠٧٠	13.3	0.2	
35 11 0							

	-		ASMA	Ciold Creening	puing	<i>(</i> *)	-25		
			Г	Neigh Ser	٠				
Location Name: Tamb Raider				Date: May	.26,	2022		**	
Sample Name:	Collection	EC (mS)	Temp (°C)	PID Reading /PF	Soil Color	Primary Soil Type	Moisture Level	Other Remarks/Notes:	M _E
BH2220	63	5.29	4.22	5.0	Light Dark Tan Brown Gray Olive Yellow Red	Grável Rock Sand Sift	Dry Moist Wet		2:52:09 P1
BH23@0	0350	10.1	1.22	90	Light Dark Tan Brown Gray Olive Yellow Red J	Grave) Rock Sand Silt	Dry Moist Wet		
BH2400	0923 2.00	2.60	22.2	h.0		Gravel Rock Sand Silt Clay	Moist Wet		
BH15 20	0460	95.0	6.22	0.3		Gravel Rock Sand Silt Clay	Dry Moist Wet		
B#2600	2443	07:0	4.22	0.3	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet		
OP L 2 H8	2460	0.7	5.7	8.3		Gravel Rock Sand Silt Clay	Dry Moist Wet	ä	
BH 28 20	0000	1.17	23.2	6.3	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet		
BH59 DO	1002	61.0	22.9	0.7		Gravel Rock Sand Silt Clay	Dry Moist Wet		
8#30 Ja	9)01	0.41	1.82	0.7	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet		
		6							ge 60 of 717

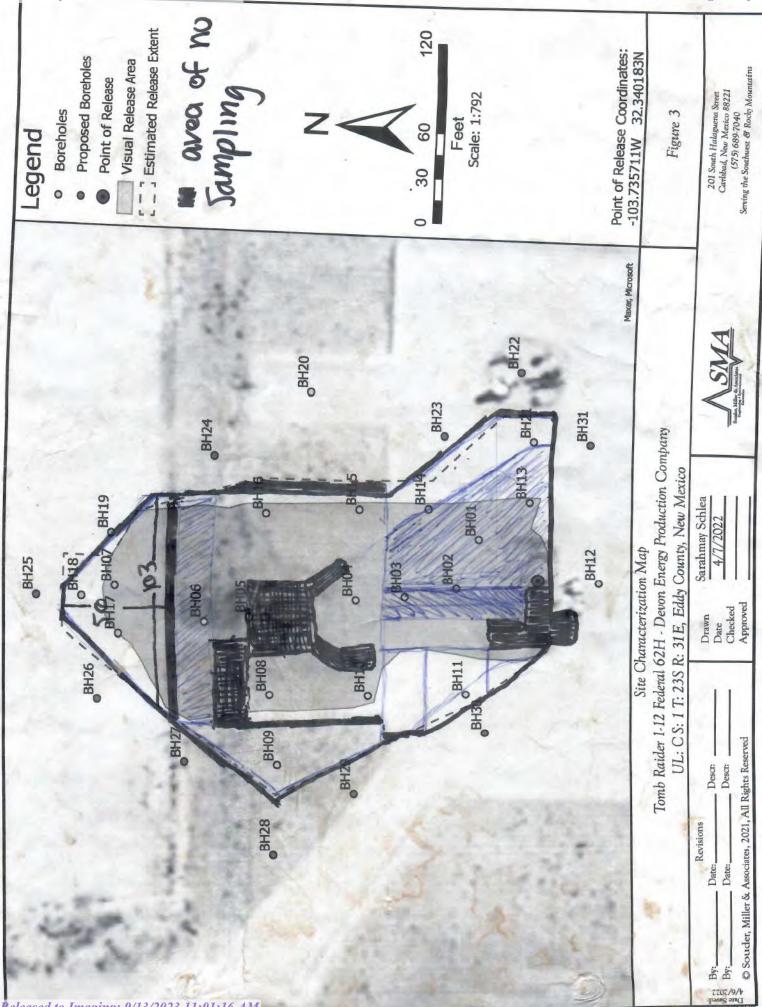
Receive	ed by O	CD: 4/25/	/ <u>2023_1</u>	2:52:09 PN								P a	ge 61 of 717
		186	Other Remarks/Nates:										
e:	niv		Moisture Level	Dry Moist Wet	Dry Moist Wet	Dry Moist Wet	Dry Moist Wet	Dry Moist Wet	Dry Moist Wet	Dry Moist Wet	Dry Moist Wet	Dry Moist Wet	
	. 14	2002	Primary Soil Type	Gravel Rock Sand Silt Clay	Gravel Rock Sand Silt Clay	Gravel Rock Sand Silt Clay	Gravel Rock Sand Silt Clay	Gravel Rock Sand Silt Clay	Gravel Rock Sand Silt Clay	Gravel Rock Sand Silt Clay	Gravel Rock Sand Silt Clay	Gravel Rock Sand Silt Clay	
	ening	Num 24,202	Soil Color	Light Dark Tan Brown Gray Olive Yellow Red			Light Dark Tan Brown Gray Olive Yellow Red	Light Dark Tan Brown Gray Olive Yellow Red		Light Dark Tan Brown Gray Olive Yellow Red	Light Dark Tan Brown Gray Olive Yellow Red	Light Dark Tan Brown Gray Olive Yellow Red	
	Field Screening	Date:	PID Reading /PF	1.3	1.6	2.5	0.1	(-0	9.0	1.2	<i>8</i>	2.6	9)
	ASWA I		Temp (°C)	23.8	23.3	23.5	8.75	L 82	24.4	23.3	25.5	24.0	
			EC (mS)	නුද්ග	0.59	<u>ه. اره</u>	CS:0	Ø.0	0.12	6.03	8.0	9.04	
		»: >	Collection Time:	1634	1030	1025	1054	6501	1108	0111	1129	1125	
		Location Name:	Sample Name:	18 627 HB		11 GH2 HD	B#3100	843108°	(B+3100)	8#322 I	BH33 N 0	843307	

Receive	<u>d by OC</u>	CD: 4/25/	/2023 1	2:52:09 PA								Pa	ge 62 of 717
		**	Other Remarks/Notes:		0.22								
d?	- 18		Moisture Level	Dry Moist Wet									
3	W.,	ceop!	Primary Soil Type	Gravel Rock Sand Silt Clay									
	b0	24,	Soil Color	Dark Brown Olive Red									
	eening	Man	Soil	Light Tan Gray Yellow									
	Field Screening	Date:	PID Reading	ව ව	8.1	5.0	0.1	&. O	9:				,
	ASIMA .		Temp (°C)	23.9	1 √20 ∞.42	p.02	1 72	27.4	5/10				
			EC (mS)	0.(2	6.03	O.30	0.05	97.D	98.8				
		Raider	Collection		1130	1145	115)	(157	1204				
	\$40.00 M	Location Name: Tomb RA	Sample Name:	BA3400	B#3401	BH3500	10384G	BH3420	1 Cush8		2		

p 1 & 2	ASMA Field Screening	Date: June 9,2022	mS) Temp (°C) /PF Soil Color Primary Soil Type Level Other Remarks/Notes:	4.1 مارد	27.5 G.7 Tan Gray Yellow	27. 2 © 9 Tan Gray Yeilow	36.9	27.C O.9 Tan E Gray Yellow	J.v.7 1-7 Tan Gray Yellow	27.9 (.4 Gray Yellow	Ught Dark Gravel Rock Dry Tan Brown Sand Silt Moist Gray Olive Clay Wet	27.9 J. 8 Tan Gray Yellow	276 2.2
	· S	4	Primary Soll Typ	ا ۾ "	I R	Gravel R Sand Clay	Gravel Sand Clay	Gravel R Sand Clay	Gravel R Sand Clay	Gravel Sand Clay	Gravel Sand Clay	Gravel Sand Clay	
	ening	9,	Soil Color										
	Field Scre	, i	PID Reading /PF									8	2.2
	44		Temp (°C)	2211				27.O	7.2		200	1247	
			EC (mS)	69.0	2.18	2.5c	8 1	98.0	11.0	æ.73	98.0 9	4.89	60.0
		1-12, Fed	Collection Time:	0841	0843	0060	2 060	Sabo	20%0	0923	03560	0929	hh60
		Location Name: Tomb Parduy	Sample Name:	B#3720	BH33 20	8439 ो ७	B#40000	BHAI 20	8H1220	৪৮५३ এত	8मप्य वेज	BH45 200	344620

Released to Imaging: 9/13/2023 11:01/416 AM >2

7 40 7 60		~	Other Remarks/Notes:									
			Moisture Level	Dry Moist Wet	Dry Moist Wet	Dry Moist Wet	Dry Moist Wet	Dry Moist Wet	Dry Moist Wet	Dry Moist Wet	Dry Moist Wet	Dry Moist Wet
	5		Primary Soil Type	Gravel Rock Sand Silt Clay	Gravel Rock Sand Silt Clay	Gravel Rock Sand Silt Clay	Gravel Rock Sand Silt Clay	Gravel Rock Sand Silt Clay	Gravel Rock Sand Silt Clay	Gravei Rock Sand Silt Clay	Gravel Rock Sand Silt Clay	Gravel Rock Sand Silt Clay
	ening	June 9, 2022	Soil Color	Light Dark Tan Brown Gray Olive Yellow Red	_	_			Light Dark Tan Brown Gray Olive Yellow Red	-	>	_
	Field Screening	Date:	PID Reading /PF	1.3	1.4							
	NSWA 1	=	Temp (°C)	28.5	27.4							
			EC (mS)	0.15	0.13							
		Fcq	Collection Time:	0955	7290							
	G.	Location Name: Tomb Rache 1-12 Fcg	Sample Name:	814700	8 H 4 8 20							X



LOCATION NAME:	sevon :	Tomb	Raid	er	SAMPLING	DATE: OCTOBER 6 2022
SAMPLE NAME	Collection Time	PID Reading	EC (mS)	Temp (°C)	PetroFlag	NOTES/REMARKS/SOIL DESCRIPTION
RSC-26	0954				4	petroflag
RSC-50	1058		0.40	33.1	?/13	petroflag + EC
RSC-59	1044		0.40	22.3		EC
RSC-60	1041	1	0.38	22.4		EC
RSC-129.	1101					petrockag
RSC-11	P40		0.17	21.9	1	EC
RSC-12	0925				0	petroflag
(TPQI)	1133	1	0.29	22.0		EC
				4		W. Taranta
					4	
					4	
					- 76	R2
				- 4		SC-129 R2
						55-26-R2
•						SS-50-Ra Dont Send TP (
						Dont Send TP

soil color: light, dark, tan, brown, yellow, red, olive, gray

soil type: gravel, rock, sand, silty, clay

mositure level: dry, moist, wet

20 rows/sheet



Photograph #1

Client: Devon Energy

Site Name:

Tomb Raider 1 12 Federal #062H

Date Photo Taken: September 30, 2022

Release Location: N32.340202, W103.735651

Sec 01-T23S-R31E Eddy County, New Mexico



Description: view of some SS sample locations on the East



Photograph #2

Client: Devon Energy

Site Name:

Tomb Raider 1 12 Federal #062H

Date Photo Taken: September 30, 2022

Release Location: N32.340202, W103.735651

Sec 01-T23S-R31E Eddy County, New Mexico



Description: view of a portion of the deferral area and sample locations for SC-139 through SC-144R



Photograph #3

Client: Devon Energy

Site Name:

Tomb Raider 1 12 Federal #062H

Date Photo Taken: September 30, 2022

Release Location: N32.340202, W103.735651

Sec 01-T23S-R31E Eddy County, New Mexico



Description: view of sample locations for SS-1 through SS-17



Photograph #4

Client: Devon Energy

Site Name:

Tomb Raider 1 12 Federal #062H

Date Photo Taken: September 30, 2022

Release Location: N32.340202, W103.735651

Sec 01-T23S-R31E Eddy County, New Mexico



Description: view of sample locations for SS-3 through SS-19



Photograph #5

Client: Devon Energy

Site Name:

Tomb Raider 1 12 Federal #062H

Date Photo Taken: September 30, 2022

Release Location: N32.340202, W103.735651

Sec 01-T23S-R31E Eddy County, New Mexico



Description: view of some SS sample locations on the east



Photograph #6

Client: Devon Energy

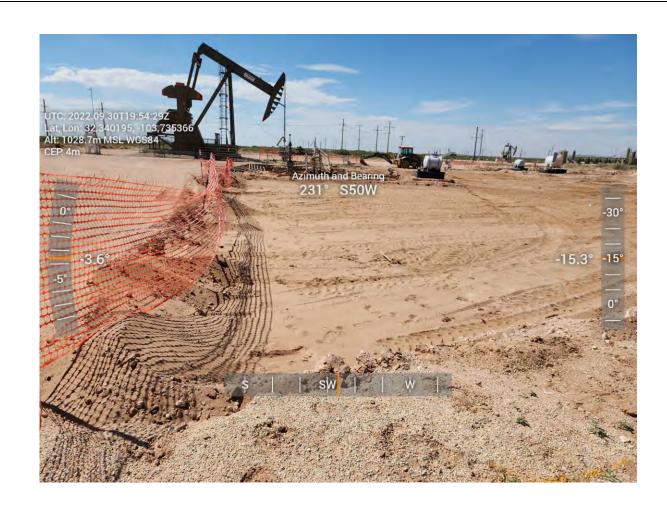
Site Name:

Tomb Raider 1 12 Federal #062H

Date Photo Taken: September 30, 2022

Release Location: N32.340202, W103.735651

Sec 01-T23S-R31E Eddy County, New Mexico



Description: view of sample locations for SS-1 through SS-15



Photograph #7

Client: Devon Energy

Site Name:

Tomb Raider 1 12 Federal #062H

Date Photo Taken: September 30, 2022

Release Location: N32.340202, W103.735651

Sec 01-T23S-R31E Eddy County, New Mexico



Description: view of some SS sample locations on the east



Photograph #8

Client: Devon Energy

Site Name:

Tomb Raider 1 12 Federal #062H

Date Photo Taken: September 30, 2022

Release Location: N32.340202, W103.735651

Sec 01-T23S-R31E Eddy County, New Mexico



Description: view of a portion of the deferral area, and some of the SS sample locations on the East



Photograph #9

Client: Devon Energy

Site Name:

Tomb Raider 1 12 Federal #062H

Date Photo Taken: September 30, 2022

Release Location: N32.340202, W103.735651

Sec 01-T23S-R31E Eddy County, New Mexico



Description: view of a portion of the deferral area



Photograph #10

Client: Devon Energy

Site Name:

Tomb Raider 1 12 Federal #062H

Date Photo Taken: September 30, 2022

Release Location: N32.340202, W103.735651

Sec 01-T23S-R31E Eddy County, New Mexico



Description: view of sample locations for SS-61 through SS-62



Photograph #11

Client: Devon Energy

Site Name:

Tomb Raider 1 12 Federal #062H

Date Photo Taken: September 30, 2022

Release Location: N32.340202, W103.735651

Sec 01-T23S-R31E Eddy County, New Mexico



Description: view of a portion of a deferral area



Photograph #12

Client: Devon Energy

Site Name:

Tomb Raider 1 12 Federal #062H

Date Photo Taken: September 30, 2022

Release Location: N32.340202, W103.735651

Sec 01-T23S-R31E Eddy County, New Mexico



Description: view of a portion of the deferral area



Photograph #13

Client: Devon Energy

Site Name:

Tomb Raider 1 12 Federal #062H

Date Photo Taken: September 30, 2022

Release Location: N32.340202, W103.735651

Sec 01-T23S-R31E Eddy County, New Mexico



Description: view of sample locations for SS-27 through SS-32 and SS-43 through SS-48



Photograph #14

Client: Devon Energy

Site Name:

Tomb Raider 1 12 Federal #062H

Date Photo Taken: September 30, 2022

Release Location: N32.340202, W103.735651

Sec 01-T23S-R31E Eddy County, New Mexico



Description: view of some SS sample locations on the West and in the center of the excavation



Photograph #15

Client: Devon Energy

Site Name:

Tomb Raider 1 12 Federal #062H

Date Photo Taken: September 30, 2022

Release Location: N32.340202, W103.735651

Sec 01-T23S-R31E Eddy County, New Mexico



Description: view of some SS sample locations in the center of the excavation



Photograph #16

Client: Devon Energy

Site Name:

Tomb Raider 1 12 Federal #062H

Date Photo Taken: September 30, 2022

Release Location: N32.340202, W103.735651

Sec 01-T23S-R31E Eddy County, New Mexico



Description: view of some SS sample locations on the West



Photograph #17

Client: Devon Energy

Site Name:

Tomb Raider 1 12 Federal #062H

Date Photo Taken: September 30, 2022

Release Location: N32.340202, W103.735651

Sec 01-T23S-R31E Eddy County, New Mexico



Description: view of sample locations for SS-58 through SS-60R



Photograph #18

Client: Devon Energy

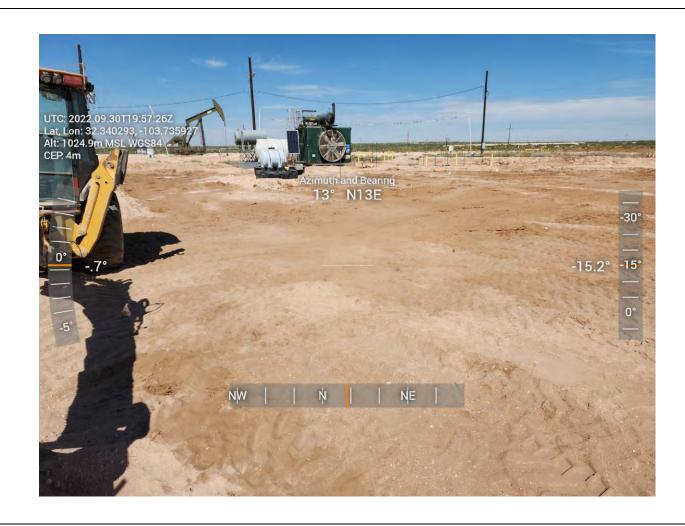
Site Name:

Tomb Raider 1 12 Federal #062H

Date Photo Taken: September 30, 2022

Release Location: N32.340202, W103.735651

Sec 01-T23S-R31E Eddy County, New Mexico



Description: view of some SS sample locations on the West



Photograph #19

Client: Devon Energy

Site Name:

Tomb Raider 1 12 Federal #062H

Date Photo Taken: September 30, 2022

Release Location: N32.340202, W103.735651

Sec 01-T23S-R31E Eddy County, New Mexico



Description: view of sample locations for SC-118 through SC-126



Photograph #20

Client: Devon Energy

Site Name:

Tomb Raider 1 12 Federal #062H

Date Photo Taken: September 30, 2022

Release Location: N32.340202, W103.735651

Sec 01-T23S-R31E Eddy County, New Mexico



Description: view of a portion of the deferral area



Photograph #21

Client: Devon Energy

Site Name:

Tomb Raider 1 12 Federal #062H

Date Photo Taken: September 30, 2022

Release Location: N32.340202, W103.735651

Sec 01-T23S-R31E Eddy County, New Mexico



Description: view of some SS sample locations on the West



Photograph #22

Client: Devon Energy

Site Name:

Tomb Raider 1 12 Federal #062H

Date Photo Taken: September 30, 2022

Release Location: N32.340202, W103.735651

Sec 01-T23S-R31E Eddy County, New Mexico



Description: view of sample locations for SC-116 through SC-117, and SC-119 through SC-123



Photograph #23

Client: Devon Energy

Site Name:

Tomb Raider 1 12 Federal #062H

Date Photo Taken: September 30, 2022

Release Location: N32.340202, W103.735651

Sec 01-T23S-R31E Eddy County, New Mexico



Description: view of a portion of the deferral area



Photograph #24

Client: Devon Energy

Site Name:

Tomb Raider 1 12 Federal #062H

Date Photo Taken: September 30, 2022

Release Location: N32.340202, W103.735651

Sec 01-T23S-R31E Eddy County, New Mexico



Description: view of sample locations for CS17 though CS20



Photograph #25

Client: Devon Energy

Site Name:

Tomb Raider 1 12 Federal #062H

Date Photo Taken: September 30, 2022

Release Location: N32.340202, W103.735651

Sec 01-T23S-R31E Eddy County, New Mexico



Description: view of sample locations for CS09 through CS-20, and the portion of the excavation on the north pad



Photograph #26

Client: Devon Energy

Site Name:

Tomb Raider 1 12 Federal #062H

Date Photo Taken: September 30, 2022

Release Location: N32.340202, W103.735651

Sec 01-T23S-R31E Eddy County, New Mexico



Description: view of sample SC-127



Photograph #27

Client: Devon Energy

Site Name:

Tomb Raider 1 12 Federal #062H

Date Photo Taken: September 30, 2022

Release Location: N32.340202, W103.735651

Sec 01-T23S-R31E Eddy County, New Mexico



Description: view of a portion of the deferral area



Photograph #28

Client: Devon Energy

Site Name:

Tomb Raider 1 12 Federal #062H

Date Photo Taken: September 30, 2022

Release Location: N32.340202, W103.735651

Sec 01-T23S-R31E Eddy County, New Mexico



Description: view of sample locations for SC-128 through SC-130



Photograph #29

Client: Devon Energy

Site Name:

Tomb Raider 1 12 Federal #062H

Date Photo Taken: September 30, 2022

Release Location: N32.340202, W103.735651

Sec 01-T23S-R31E Eddy County, New Mexico



Description: view of sample locations for SC-131 through SC-144



Photograph #30

Client: Devon Energy

Site Name:

Tomb Raider 1 12 Federal #062H

Date Photo Taken: September 30, 2022

Release Location: N32.340202, W103.735651

Sec 01-T23S-R31E Eddy County, New Mexico



Description: view of sample locations for SC-89 through SC-115

APPENDIX D SAMPLING PROTOCOL



Sampling Protocol

The soil samples will be collected in laboratory supplied containers in accordance with this sampling protocol, immediately placed on ice and sent under standard chain-of-custody protocols to Envirotech laboratories located in Farmington, New Mexico for analysis. Samples will be collected for laboratory analysis including chloride using United States Environmental Protection Agency (USEPA) Method 300.0; total benzene, toluene, ethylbenzene and total xylenes (BTEX) using USEPA Method 8021B; and total petroleum hydrocarbons (TPH) as motor, diesel and gasoline range organics (MRO, DRO, and GRO) by USEPA Method 8015D.

Sampling Analysis Field Quality Assurance Procedures

A unique sample numbering will be used to identify each sample collected and designated for on-site field screening and off-site laboratory analysis. The purpose of this numbering scheme is to provide a tracking system for the retrieval of analytical and field data on each sample. Sample identification numbers will be recorded on sample labels or tags, field notes, chain-of-custody records (COC) and all other applicable documentation used during the project. Sample labels will be affixed to all sample containers during sampling activities. Information will be recorded on each sample container label at the time of sample collection. The information recorded on the labels will be as follows: sample identification number; sample type (discrete or composite); site name and area/location number; analysis to be performed; type of chemical preservative present in container; date and time of sample collection; and sample collector's name and initials. All samples will be packed in ice in an approved rigid body container, custody sealed signed and shipped to the appropriate laboratory via insured currier service.

COC procedures implemented for the project provide documentation of the handling of each sample from the time of collection until completion of laboratory analysis. A COC form serves as a legal record of possession of the sample. A sample is considered to be under custody if one or more of the following criteria are met: the sample is in the sampler's possession; the sample is in the sampler's view after being in possession; the sample was in the sampler's possession and then was placed into a locked area to prevent tampering; and/or the sample is in a designated secure area. Custody will be documented throughout the project field sampling activities by a chain-of custody form initiated each day during which samples are collected. Container custody seals placed on either individual samples or on the rigid body container will be used to ensure that no sample tampering occurs between the time the samples are placed into the containers and the time the containers are opened for analysis at the laboratory. Container custody seals were signed and dated by the individual responsible for completing the COC form included within the container.

APPENDIX E LABORATORY ANALYTICAL REPORTS

Report to:
Ashley Maxwell



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Souder Miller Associates - Carlsbad

Project Name: Tomb Raider

Work Order: E203158

Job Number: 01058-0007

Received: 3/25/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/1/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 4/1/22

Ashley Maxwell 201 S Halagueno St. Carlsbad, NM 88220

Project Name: Tomb Raider

Workorder: E203158

Date Received: 3/25/2022 8:30:00AM

Ashley Maxwell,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/25/2022 8:30:00AM, under the Project Name: Tomb Raider.

The analytical test results summarized in this report with the Project Name: Tomb Raider apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Alexa Michaels

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

Technical Representative Office: 505-421-LABS(5227)

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Sample Summary

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	Reported:
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	04/01/22 10:04

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BG @ 0	E203158-01A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
BG @ 1	E203158-02A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
BG @ 2	E203158-03A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
BG @ 3	E203158-04A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
BG @ 4	E203158-05A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB01 @ 0	E203158-06A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB01 @ 2	E203158-07A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB01 @ 4	E203158-08A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB01 @ 6	E203158-09A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB01 @ 7	E203158-10A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB02 @ 0	E203158-11A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB02 @ 2	E203158-12A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB02 @ 4	E203158-13A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB02 @ 6	E203158-14A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB02 @ 7	E203158-15A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB03 @ 0	E203158-16A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB03 @ 2	E203158-17A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB03 @ 4	E203158-18A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB03 @ 6	E203158-19A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB04 @ 0	E203158-20A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 10:04:20AM

BG @ 0

E203158-01

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: KL		Batch: 2214013	
Chloride	ND	20.0	1	03/28/22	03/29/22		

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 10:04:20AM

BG @ 1

E203158-02

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	KL		Batch: 2214013	



Sample Data

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 10:04:20AM

BG @ 2

E203158-03

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	KL		Batch: 2214013	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 10:04:20AM

BG @ 3

E203158-04

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	KL		Batch: 2214013	

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 10:04:20AM

BG @ 4

E203158-05

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	: KL		Batch: 2214013	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 10:04:20AM

SB01 @ 0 E203158-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2214002
Benzene	ND	0.0250	1	03/28/22	03/31/22	
Ethylbenzene	0.0496	0.0250	1	03/28/22	03/31/22	
Toluene	ND	0.0250	1	03/28/22	03/31/22	
o-Xylene	0.277	0.0250	1	03/28/22	03/31/22	
p,m-Xylene	0.525	0.0500	1	03/28/22	03/31/22	
Total Xylenes	0.802	0.0250	1	03/28/22	03/31/22	
Surrogate: 4-Bromochlorobenzene-PID		119 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2214002
Gasoline Range Organics (C6-C10)	27.5	20.0	1	03/28/22	03/31/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2214028
Diesel Range Organics (C10-C28)	3630	500	20	03/29/22	03/31/22	
Oil Range Organics (C28-C36)	1090	1000	20	03/29/22	03/31/22	
Surrogate: n-Nonane		126 %	50-200	03/29/22	03/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2214013
Chloride	20200	1000	50	03/28/22	03/29/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 10:04:20AM

SB01 @ 2 E203158-07

Batch: 2214002 /31/22 /31/22 /31/22
/31/22 /31/22 /31/22
/31/22
/31/22
/31/22
/31/22
/31/22
/31/22
Batch: 2214002
/31/22
/31/22
Batch: 2214028
/30/22
/30/22
/30/22
Batch: 2214013
/29/22



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 10:04:20AM

SB01 @ 4 E203158-08

		E205130 00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2214002
Benzene	ND	0.0250	1	03/28/22	03/31/22	
Ethylbenzene	ND	0.0250	1	03/28/22	03/31/22	
Toluene	ND	0.0250	1	03/28/22	03/31/22	
o-Xylene	ND	0.0250	1	03/28/22	03/31/22	
p,m-Xylene	ND	0.0500	1	03/28/22	03/31/22	
Total Xylenes	ND	0.0250	1	03/28/22	03/31/22	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2214002
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	03/31/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.9 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2214028
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/22	03/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/22	03/30/22	
Surrogate: n-Nonane		94.2 %	50-200	03/29/22	03/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2214013
Chloride	35.6	20.0	1	03/28/22	03/29/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 10:04:20AM

SB01 @ 6 E203158-09

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2214002
Benzene	ND	0.0250	1	03/28/22	03/31/22	
Ethylbenzene	ND	0.0250	1	03/28/22	03/31/22	
Toluene	ND	0.0250	1	03/28/22	03/31/22	
o-Xylene	ND	0.0250	1	03/28/22	03/31/22	
p,m-Xylene	ND	0.0500	1	03/28/22	03/31/22	
Total Xylenes	ND	0.0250	1	03/28/22	03/31/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2214002
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	03/31/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2214028
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/22	03/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/22	03/30/22	
Surrogate: n-Nonane		96.6 %	50-200	03/29/22	03/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2214013
Chloride	38.2	20.0	1	03/28/22	03/29/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 10:04:20AM

SB01 @ 7 E203158-10

	E205130 10				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	Analyst: IY		Batch: 2214002
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0500	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
	93.9 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2214002
ND	20.0	1	03/28/22	03/31/22	
	95.0 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2214028
ND	25.0	1	03/29/22	03/30/22	
ND	50.0	1	03/29/22	03/30/22	
	91.8 %	50-200	03/29/22	03/30/22	
mg/kg	mg/kg	Anal	yst: KL		Batch: 2214013
60.7	20.0	1	03/28/22	03/29/22	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0 95.0 % mg/kg MD 25.0 ND 50.0 91.8 % mg/kg mg/kg mg/kg	mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 93.9 % 70-130 mg/kg mg/kg Anal ND 20.0 1 95.0 % 70-130 1 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 91.8 % 50-200 mg/kg Mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0500 1 03/28/22 ND 0.0250 1 03/28/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 mg/kg mg/kg Analyst: JL ND 25.0 1 03/29/22 ND 50.0 1 03/29/22 ND 50.0 1 03/29/22 ND 50.0 1 03/29/22 mg/kg mg/kg Analyst: JL	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0500 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 03/31/22 mg/kg mg/kg Analyst: IY ND 25.0 % 70-130 03/28/22 03/31/22 mg/kg mg/kg Analyst: JL ND 25.0 1 03/29/22 03/30/22 ND 25.0 1 03/29/22 03/30/22 03/30/22 ND 50.0 1 03/29/22 03/30/22 ND 50.0 1<



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 10:04:20AM

SB02 @ 0 E203158-11

		E203130-11				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Think, to	resur			•	1 11111 / 201	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2214002
Benzene	ND	0.0250	1	03/28/22	03/31/22	
Ethylbenzene	ND	0.0250	1	03/28/22	03/31/22	
Toluene	ND	0.0250	1	03/28/22	03/31/22	
o-Xylene	ND	0.0250	1	03/28/22	03/31/22	
p,m-Xylene	ND	0.0500	1	03/28/22	03/31/22	
Total Xylenes	ND	0.0250	1	03/28/22	03/31/22	
Surrogate: 4-Bromochlorobenzene-PID		93.1 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2214002
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	03/31/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2214028
Diesel Range Organics (C10-C28)	8030	125	5	03/29/22	03/31/22	
Oil Range Organics (C28-C36)	4470	250	5	03/29/22	03/31/22	
Surrogate: n-Nonane		114 %	50-200	03/29/22	03/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2214013
Chloride	10600	400	20	03/28/22	03/29/22	·



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 10:04:20AM

SB02 @ 2 E203158-12

		E203158-12				
Aughte	Result	Reporting Limit	Dilution	Duomono J	A malvina J	Notes
Analyte	Kesult	Limit	Dilution	Prepared	Analyzed	inotes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2214002
Benzene	ND	0.0250	1	03/28/22	03/31/22	
Ethylbenzene	ND	0.0250	1	03/28/22	03/31/22	
Toluene	ND	0.0250	1	03/28/22	03/31/22	
o-Xylene	ND	0.0250	1	03/28/22	03/31/22	
p,m-Xylene	ND	0.0500	1	03/28/22	03/31/22	
Total Xylenes	ND	0.0250	1	03/28/22	03/31/22	
Surrogate: 4-Bromochlorobenzene-PID		93.4 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2214002
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	03/31/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2214028
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/22	03/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/22	03/30/22	
Surrogate: n-Nonane		87.8 %	50-200	03/29/22	03/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2214013
Chloride	67.3	20.0	1	03/28/22	03/29/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 10:04:20AM

SB02 @ 4 E203158-13

	1200130 10				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	g Analyst: IY			Batch: 2214002
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0500	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
	95.0 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2214002
ND	20.0	1	03/28/22	03/31/22	
	95.3 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2214028
ND	25.0	1	03/29/22	03/30/22	
ND	50.0	1	03/29/22	03/30/22	
	87.0 %	50-200	03/29/22	03/30/22	
mg/kg	mg/kg	Anal	yst: KL		Batch: 2214013
22.3	20.0	1	03/28/22	03/29/22	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 mg/kg mg/kg MD 20.0 95.3 % mg/kg ND 25.0 ND 50.0 87.0 % mg/kg mg/kg mg/kg	mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 95.0 % 70-130 mg/kg mg/kg Anal ND 20.0 1 95.3 % 70-130 1 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 87.0 % 50-200 mg/kg Mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0500 1 03/28/22 ND 0.0250 1 03/28/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 mg/kg mg/kg Analyst: JL ND 25.0 1 03/29/22 ND 50.0 1 03/29/22 ND 50.0 1 03/29/22 ND 50.0 1 03/29/22 ND 50.0 0 03/29/22 mg/kg mg/kg Analyst: KL	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0500 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 mg/kg 70-130 03/28/22 03/31/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 03/31/22 mg/kg mg/kg Analyst: IV ND 25.0 1 03/28/22 03/31/22 ND 25.0 1 03/29/22 03/30/22 ND 50.0 1 03/29/22 03/30/22 ND 50.0 1 03/29/22 03/30/22 87.0 %



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 10:04:20AM

SB02 @ 6 E203158-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg mg/kg Analyst: IY			Batch: 2214002		
Benzene	ND	0.0250	1	03/28/22	03/31/22	
Ethylbenzene	ND	0.0250	1	03/28/22	03/31/22	
Toluene	ND	0.0250	1	03/28/22	03/31/22	
o-Xylene	ND	0.0250	1	03/28/22	03/31/22	
p,m-Xylene	ND	0.0500	1	03/28/22	03/31/22	
Total Xylenes	ND	0.0250	1	03/28/22	03/31/22	
Surrogate: 4-Bromochlorobenzene-PID		93.6 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2214002
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	03/31/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2214028
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/22	03/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/22	03/30/22	
Surrogate: n-Nonane		94.6 %	50-200	03/29/22	03/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: KL		Batch: 2214013
Chloride	24.8	20.0	1	03/28/22	03/29/22	

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 10:04:20AM

SB02 @ 7 E203158-15

		1200130 13				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2214002
Benzene	ND	0.0250	1	03/28/22	03/31/22	
Ethylbenzene	ND	0.0250	1	03/28/22	03/31/22	
Toluene	ND	0.0250	1	03/28/22	03/31/22	
o-Xylene	0.0289	0.0250	1	03/28/22	03/31/22	
p,m-Xylene	ND	0.0500	1	03/28/22	03/31/22	
Total Xylenes	0.0289	0.0250	1	03/28/22	03/31/22	
Surrogate: 4-Bromochlorobenzene-PID		90.6 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2214002
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	03/31/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2214028
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/22	03/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/22	03/30/22	
Surrogate: n-Nonane		87.9 %	50-200	03/29/22	03/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2214013
Chloride	ND	20.0	1	03/28/22	03/29/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 10:04:20AM

SB03 @ 0 E203158-16

Result mg/kg	Reporting Limit mg/kg	Dilution	Prepared	Analyzed	Notes
	mg/kg				
ND	1116/116	Analy	st: IY		Batch: 2214002
ND	0.0250	1	03/28/22	03/30/22	
ND	0.0250	1	03/28/22	03/30/22	
ND	0.0250	1	03/28/22	03/30/22	
ND	0.0250	1	03/28/22	03/30/22	
ND	0.0500	1	03/28/22	03/30/22	
ND	0.0250	1	03/28/22	03/30/22	
	95.0 %	70-130	03/28/22	03/30/22	
mg/kg	mg/kg	Analy	st: IY		Batch: 2214002
ND	20.0	1	03/28/22	03/30/22	
	93.5 %	70-130	03/28/22	03/30/22	
mg/kg	mg/kg	Analy	st: JL		Batch: 2214028
659	25.0	1	03/29/22	03/31/22	
189	50.0	1	03/29/22	03/31/22	
	89.1 %	50-200	03/29/22	03/31/22	
mg/kg	mg/kg	Analy	st: KL		Batch: 2214013
714	20.0	1	03/28/22	03/29/22	
	ND ND ND ND mg/kg ND mg/kg 189	ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mg/kg mg/kg ND 20.0 93.5 % mg/kg mg/kg mg/kg 659 25.0 189 50.0 89.1 % mg/kg mg/kg mg/kg	ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 mg/kg mg/kg Analy ND 20.0 1 mg/kg mg/kg Analy mg/kg mg/kg Analy 659 25.0 1 189 50.0 1 89.1 % 50-200 mg/kg Mg/kg Analy	ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0500 1 03/28/22 ND 0.0250 1 03/28/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 mg/kg mg/kg Analyst: JL 659 25.0 1 03/29/22 189 50.0 1 03/29/22 89.1 % 50-200 03/29/22 mg/kg mg/kg Analyst: KL	ND 0.0250 1 03/28/22 03/30/22 ND 0.0250 1 03/28/22 03/30/22 ND 0.0250 1 03/28/22 03/30/22 ND 0.0500 1 03/28/22 03/30/22 ND 0.0250 1 03/28/22 03/30/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 03/30/22 mg/kg mg/kg Analyst: JL 03/28/22 03/30/22 mg/kg mg/kg Analyst: JL 03/29/22 03/31/22 189 50.0 1 03/29/22 03/31/22 89.1 % 50-200 03/29/22 03/31/22 mg/kg mg/kg Analyst: KL



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 10:04:20AM

SB03 @ 2 E203158-17

	1200130 17				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: IY		Batch: 2214002
ND	0.0250	1	03/28/22	03/30/22	
ND	0.0250	1	03/28/22	03/30/22	
ND	0.0250	1	03/28/22	03/30/22	
ND	0.0250	1	03/28/22	03/30/22	
ND	0.0500	1	03/28/22	03/30/22	
ND	0.0250	1	03/28/22	03/30/22	
	96.6 %	70-130	03/28/22	03/30/22	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2214002
ND	20.0	1	03/28/22	03/30/22	
	94.1 %	70-130	03/28/22	03/30/22	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2214028
ND	25.0	1	03/29/22	03/31/22	
ND	50.0	1	03/29/22	03/31/22	
	95.8 %	50-200	03/29/22	03/31/22	
mg/kg	mg/kg	Anal	yst: KL		Batch: 2214013
32.8	20.0	1	03/28/22	03/29/22	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0 94.1 % mg/kg ND 25.0 ND 50.0 95.8 % mg/kg mg/kg mg/kg	mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 mg/kg mg/kg Anal ND 20.0 1 94.1 % 70-130 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 95.8 % 50-200 mg/kg mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0500 1 03/28/22 ND 0.0250 1 03/28/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 mg/kg mg/kg Analyst: JL ND 25.0 1 03/29/22 ND 50.0 1 03/29/22 ND 50.0 1 03/29/22 mg/kg mg/kg Analyst: JL	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 03/30/22 ND 0.0250 1 03/28/22 03/30/22 ND 0.0250 1 03/28/22 03/30/22 ND 0.0500 1 03/28/22 03/30/22 ND 0.0250 1 03/28/22 03/30/22 ND 0.0250 1 03/28/22 03/30/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 03/30/22 mg/kg mg/kg Analyst: IY ND 25.0 1 03/28/22 03/30/22 mg/kg mg/kg Analyst: JL ND 25.0 1 03/29/22 03/31/22 ND 25.0 1 03/29/22 03/31/22 ND 50.0 1 03/29/22 03/31/22 MD 50.0 0 03/29/22



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 10:04:20AM

SB03 @ 4 E203158-18

	E205130 10				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	Analyst: IY		Batch: 2214002
ND	0.0250	1	03/28/22	03/30/22	
ND	0.0250	1	03/28/22	03/30/22	
ND	0.0250	1	03/28/22	03/30/22	
ND	0.0250	1	03/28/22	03/30/22	
ND	0.0500	1	03/28/22	03/30/22	
ND	0.0250	1	03/28/22	03/30/22	
	97.1 %	70-130	03/28/22	03/30/22	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2214002
ND	20.0	1	03/28/22	03/30/22	
	93.9 %	70-130	03/28/22	03/30/22	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2214028
ND	25.0	1	03/29/22	03/31/22	
ND	50.0	1	03/29/22	03/31/22	
	99.2 %	50-200	03/29/22	03/31/22	
mg/kg	mg/kg	Anal	yst: KL		Batch: 2214013
ND	20.0	1	03/28/22	03/29/22	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 97.1 % mg/kg MB/kg mg/kg ND 20.0 93.9 % mg/kg MB/kg mg/kg ND 25.0 ND 50.0 99.2 % mg/kg mg/kg mg/kg	mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 97.1 % 70-130 mg/kg mg/kg Anal ND 20.0 1 93.9 % 70-130 1 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 99.2 % 50-200 mg/kg mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0500 1 03/28/22 ND 0.0250 1 03/28/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 mg/kg mg/kg Analyst: JL ND 25.0 1 03/29/22 ND 50.0 1 03/29/22 ND 50.0 1 03/29/22 mg/kg mg/kg Analyst: JL	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 03/30/22 ND 0.0250 1 03/28/22 03/30/22 ND 0.0250 1 03/28/22 03/30/22 ND 0.0500 1 03/28/22 03/30/22 ND 0.0250 1 03/28/22 03/30/22 ND 0.0250 1 03/28/22 03/30/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 03/30/22 mg/kg mg/kg Analyst: IV ND 25.0 1 03/28/22 03/30/22 mg/kg mg/kg Analyst: JL ND 25.0 1 03/29/22 03/31/22 ND 25.0 1 03/29/22 03/31/22 ND 50.0 1 03/29/22 03/31/22 MD 50.0 0 03/29/22



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 10:04:20AM

SB03 @ 6 E203158-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	Analyst: IY		Batch: 2214002
Benzene	ND	0.0250	1	03/28/22	03/30/22	
Ethylbenzene	ND	0.0250	1	03/28/22	03/30/22	
Toluene	ND	0.0250	1	03/28/22	03/30/22	
o-Xylene	ND	0.0250	1	03/28/22	03/30/22	
p,m-Xylene	ND	0.0500	1	03/28/22	03/30/22	
Total Xylenes	ND	0.0250	1	03/28/22	03/30/22	
Surrogate: 4-Bromochlorobenzene-PID		96.1 %	70-130	03/28/22	03/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: IY		Batch: 2214002
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	03/30/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	03/28/22	03/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: JL		Batch: 2214028
Diesel Range Organics (C10-C28)	48.4	25.0	1	03/29/22	03/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/22	03/31/22	
Surrogate: n-Nonane		96.7 %	50-200	03/29/22	03/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2214013
Chloride	60.8	20.0	1	03/28/22	03/30/22	

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 10:04:20AM

SB04 @ 0 E203158-20

		E203136-20				
Analyte	Result	Reporting Limit	Dilution	Duomono d	Analyzed	Notes
Analyte	Result	Limit	Dilution	Prepared	Anaiyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2214002
Benzene	ND	0.0250	1	03/28/22	03/30/22	
Ethylbenzene	ND	0.0250	1	03/28/22	03/30/22	
Toluene	ND	0.0250	1	03/28/22	03/30/22	
o-Xylene	ND	0.0250	1	03/28/22	03/30/22	
p,m-Xylene	ND	0.0500	1	03/28/22	03/30/22	
Total Xylenes	ND	0.0250	1	03/28/22	03/30/22	
Surrogate: 4-Bromochlorobenzene-PID		95.9 %	70-130	03/28/22	03/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214002
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	03/30/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	70-130	03/28/22	03/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2214028
Diesel Range Organics (C10-C28)	1680	50.0	2	03/29/22	03/31/22	
Oil Range Organics (C28-C36)	947	100	2	03/29/22	03/31/22	
Surrogate: n-Nonane		78.5 %	50-200	03/29/22	03/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2214013
Chloride	1980	20.0	1	03/28/22	03/30/22	



Tomb Raider Souder Miller Associates - Carlsbad Project Name: Reported: 201 S Halagueno St. Project Number: 01058-0007 Carlsbad NM, 88220 Project Manager: Ashley Maxwell 4/1/2022 10:04:20AM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2214002-BLK1) Prepared: 03/28/22 Analyzed: 03/31/22 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: 4-Bromochlorobenzene-PID 8.05 8.00 101 70-130 LCS (2214002-BS1) Prepared: 03/28/22 Analyzed: 03/31/22 4.67 93.3 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.36 0.0250 5.00 87.2 70-130 4.59 0.0250 5.00 91.7 70-130 Toluene o-Xylene 4.59 0.0250 5.00 91.8 70-130 9.00 10.0 90.0 70-130 0.0500 p.m-Xvlene 90.6 70-130 13.6 15.0 Total Xylenes 0.0250 8.00 102 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.20 Matrix Spike (2214002-MS1) Source: E203158-06 Prepared: 03/28/22 Analyzed: 03/31/22 5.07 0.0250 5.00 ND 54-133 Benzene 0.0496 61-133 Ethylbenzene 4.85 0.0250 5.00 96.0 Toluene 4.99 0.0250 5.00 ND 99.7 61-130 5.32 0.277 63-131 5.00 101 0.0250 o-Xylene p,m-Xylene 10.2 0.0500 10.0 0.525 96.9 63-131 0.0250 15.0 0.802 63-131 Total Xylenes Surrogate: 4-Bromochlorobenzene-PID 9.48 8.00 70-130 Matrix Spike Dup (2214002-MSD1) Source: E203158-06 Prepared: 03/28/22 Analyzed: 03/31/22 5.06 0.0250 5.00 ND 54-133 0.271 20 0.0496 61-133 0.00516 4.85 0.0250 5.00 96.0 20 Ethylbenzene Toluene 4 99 0.0250 5.00 ND 99 7 61-130 0.0191 20 5.33 5.00 0.277 101 63-131 0.0404 20 o-Xylene 0.0250 0.525 97.1 0.187 10.2 10.0 63-131 20 p,m-Xylene 0.0500



15.6

9.50

0.0250

15.0

8.00

0.802

98.4

119

63-131

70-130

0.137

20

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	Reported:
201 S Halagueno St.	Project Number:	01058-0007	^
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 10:04:20AM

Carlsbad NM, 88220		Project Manager	r: As	hley Maxwel	1				4/1/2022 10:04:20AM		
	Non	Nonhalogenated Organics by EPA 8015D - GRO							Analyst: IY		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes		
Blank (2214002-BLK1)							Prepared: 0	3/28/22 A	analyzed: 03/31/22		
Gasoline Range Organics (C6-C10)	ND	20.0									
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.4	70-130					
LCS (2214002-BS2)							Prepared: 0	3/28/22 A	analyzed: 03/31/22		
Gasoline Range Organics (C6-C10)	51.8	20.0	50.0		104	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.42		8.00		92.7	70-130					
Matrix Spike (2214002-MS2)				Source:	E203158-	06	Prepared: 0	3/28/22 A	analyzed: 03/31/22		
Gasoline Range Organics (C6-C10)	85.8	20.0	50.0	27.5	117	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		90.0	70-130					
Matrix Spike Dup (2214002-MSD2)				Source:	E203158-0	06	Prepared: 0	3/28/22 A	analyzed: 03/31/22		
Gasoline Range Organics (C6-C10)	86.2	20.0	50.0	27.5	117	70-130	0.368	20			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.26		8.00		90.8	70-130					

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	Reported:
201 S Halagueno St.	Project Number:	01058-0007	·
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 10:04:20AM

Carlsbad NM, 88220		Project Manage	r: As	shley Maxwell	l				4/1/2022 10:04:20AM
	Nonha	logenated Or	ganics by	EPA 8015D	- DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2214028-BLK1)							Prepared: 0	3/29/22 A	nalyzed: 03/30/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.0		50.0		84.0	50-200			
LCS (2214028-BS1)							Prepared: 0	3/29/22 A	nalyzed: 03/30/22
Diesel Range Organics (C10-C28)	431	25.0	500		86.2	38-132			
Surrogate: n-Nonane	37.1		50.0		74.2	50-200			
Matrix Spike (2214028-MS1)				Source:	E203158-0	08	Prepared: 0	3/29/22 A	nalyzed: 03/30/22
Diesel Range Organics (C10-C28)	482	25.0	500	ND	96.3	38-132			
Surrogate: n-Nonane	44.9		50.0		89.8	50-200			
Matrix Spike Dup (2214028-MSD1)				Source:	E203158-0	08	Prepared: 0	3/29/22 A	nalyzed: 03/30/22
Diesel Range Organics (C10-C28)	479	25.0	500	ND	95.7	38-132	0.626	20	
Surrogate: n-Nonane	47.6		50.0		95.2	50-200			



Souder Miller Associates - Carlsbad 201 S Halagueno St.		Project Name: Project Number:		omb Raider 1058-0007					Reported:
Carlsbad NM, 88220		Project Manager:		shley Maxwell					4/1/2022 10:04:20AM
		Anions	by EPA 3	300.0/9056A					Analyst: KL
Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2214013-BLK1) Chloride	ND	20.0					Prepared: ()3/28/22	Analyzed: 03/29/22
LCS (2214013-BS1)		20.0					Prepared: 0	3/28/22	Analyzed: 03/31/22
Chloride	259	20.0	250		103	90-110			
Matrix Spike (2214013-MS1)				Source: F	203158-0)1	Prepared: (03/28/22	Analyzed: 03/29/22
Chloride	258	20.0	250	ND	103	80-120			
Matrix Spike Dup (2214013-MSD1)				Source: F	203158-0)1	Prepared: 0	03/28/22	Analyzed: 03/29/22
Chloride	256	20.0	250	ND	103	80-120	0.594	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

	Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
١	201 S Halagueno St.	Project Number:	01058-0007	Reported:
	Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	04/01/22 10:04

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



	MAN					NII F									TU				
Client: C	SW1+	0 - 1 -	1			Still To					ab U	se On				AT		PA Progra	
Project:	10000	Raide	. 11 10 1/1	Ilai	1	ention: VXXOVI		Lab	WO#		. 0		Num		1D	3D	RCRA	CWA	SDWA
Address:	nanager.	HZMA	y Maxi	ill.			PE203158 01058-0007												
City, Stat	o 7in				200	y, State, Zip						Analy	sis ar	nd Metho	d			The second secon	ate
	e, zip				To me	one:													UT AZ
Phone: Email:					Em	ail:		3015	3015				_					X	
Report d	ue by:				W	10# 29995421		tO by 8	O by 8	8021	8260	010	300.0		NN	×		TX OK	
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID			Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.		BGDOC - NM	BGDOC.		Ren	narks
0300	3/23	Soll	t	BGOOD			1						X						
E080	3/23	Soil	1	BG 201			2						X						
0805	3 23	5011	1	3902			3						X						
യമ	3 23	SOIL	1	BGa	3		4						X						
7080	3/23	Soil	1	3G a	4		5						X						
180	3/23	5011	1	5801	00		6								X				
0352	3 23	5011	1	5801	a 2		7								X				
<i>0580</i>	3 23	5011	1	5801	24		8								X				
0834	3 23	5011	1	5801	26		9								X				
0940	3 23	SOLI	1	SBOIL	07		10								X				
Addition	al Instru	ctions:													1- 1				
				this sample. I am awar		ring with or intentionally mislabelling the sample	e location, date or					1						ne day they are sa n subsequent day	
Relinquish	ed by: (Sign	arure)	Date	4/22 11:	26	Received to Genature Duf	H/X/	1/2	Time	2	6	Rece	eived	on ice:		ab Us	se Only		
Relinquish	eg by: (Sign	lature)	13	24/22	4:30	Received by: (Signature)	3/25	17	Time	:3	0	T1			T2			Т3	
Relinquished by: (Signature) Date Time				Time		Received by: (Signature)	Date	Time				AVG Temp °C			4				
Sample Ma	trix: S - Soil, S	id - Solid, Sg -	Sludge, A - A	Aqueous, O - Other _			Container	т Туре	: g - g	glass,	p - p				er gla	ss, v -	VOA		
						ements are made. Hazardous samples wil	be returned to cl	ient or	dispos	ed of	at the	client e	xpense	Therepor	t for th	e anal	sis of the aic	ove samples	is applicable
any to the	se samples re	ceived by the	laboratory v	with this COL. The it	anillay of the	a laboratory is limited to the amount paid	or on the report												

Project Information
Client: SMA
Project: Tomb
Project Manager: A
Address:
City, State, Zip
Phone:
Email:

Chain of Custody

Page 2 of 8

Received by OCD: 4/25/2023 12:52:09 PM

STD 5 day

Client: 5	SWA				Bill To	Bill To			La	b Us	Use Only				AT	E	PA Progra	m
Project:	Tom	JISaid	r		Attention: Hevan		Lab	wo#			Job I	Numb		1D	3D	RCRA	CWA	SDWA
Project N	lanager:	AShley	Maxu	Lell	Address:		PE	20	35				-0007				7111	
Address:					City, State, Zip						Analy	sis an	d Method	4				ate
City, Stat	e, Zip				Phone:												NM CO	UT AZ
Phone:					Email:		910	0.15									X	
Email:	us bus				WO# 20995421		by 8	by 8	121	09	10	300.0		Σ			TX OK	8.31
Report d		T ==			1000 F01.21 F1	T top	ORC	ORO	by 8(γ 82	2 60	de 3		C.	XT.			
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID		Lab Number	ORO/ORO by 8015	GRO/DRO by 8015	BTEX by 802.	VOC by 8260	Metals 6010	Chloride		BGDOC - NM	верос		Rem	narks
0948	3/23	5011	1	580	2 ವಿ ಠ	11								X				
0852	3/23	5011	1		2 2	12								X				
0855	3/23	5011	1		12 4	13			Ш					X				
0856	3/23	5011	1	530		14								X				
0907	3/23	5011	1		227	15								X				
0910	3/23	5011	1	5B0		16								X				
0915	3/23	5011	1		32 2	17								X				
0920	3/23	5011	1		324	18								X				
0925	3/23	5011	1	580	306	19								X				
0927			1	SBa	04 a 0	20								X				
Addition	al Instru	ctions:																
				this sample. I am awa	re that tampering with or intentionally mislabelling the spled by:	ample location, date or											e day they are sa subsequent day	
1	ed by: (Sign	W	Date	7 / 1	1.26 Reger legitor (Menajuse)	Date Date	21	Time/	2	6	Rece	eived	on ice:		ab Us	e Only		
1K	eld By: (Sign	//M -	Bate	24/22 1	(6.3) Received by: (Signature)	to 3/25/	25		30)	<u>T1</u>			<u>T2</u>			<u>T3</u>	
Relinquish	ec by: (Sign	naturey	ψate	/ lime	Received by: (Signature)	Date		Time			AVG	Tem	p°C	4				
				Aqueous, O - Other are reported unless		Containe	r Type	: g - g	lass.	p - p	olv/pl	astic.	ag - amb	er gla	ss. v -	VOA		

envirotech

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envirotech Inc.

Printed: 3/25/2022 11:51:34AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

C1101111	ller Associates - Carlsbad	Date Received:	03/25/22 0		Work Order ID:	E203158
Phone: (505) 325- Email: ashley.max	xwell@soudermiller.com	Date Logged In: Due Date:	03/25/22 0 03/31/22 1	9:25 7:00 (4 day TAT)	Logged In By:	Caitlin Christian
Chain of Custody (COC)					
1. Does the sample I			Yes			
	of samples per sampling site location m	atch the COC	Yes			
•	pped off by client or carrier?		Yes	Carrier: <u>C</u>	<u>Carrier</u>	
	nplete, i.e., signatures, dates/times, requ	ested analyses?	Yes			
Note: Ana	received within holding time? lysis, such as pH which should be conducted tute hold time, are not included in this disucss		Yes		<u>Commen</u>	uts/Resolution
Sample Turn Arour			***		Project has been sepera	ated into 4 reports
	cate standard TAT, or Expedited TAT?		Yes			=
Sample Cooler	1 : 10		***		due to amount of samp	ies. workorders are
7. Was a sample coo			Yes		as follows:	
• •	received in good condition?		Yes		E203158 COC Page 1	& 2 of 8. E203159
* ''	received intact, i.e., not broken?		Yes		COC page 3 & 4 of 8.	E203160 COC page
10. Were custody/sec	· · · · · · · · · · · · · · · · · · ·		No		5 & 6 of 8. E203161 C	
11. If yes, were custo	ody/security seals intact?		NA		3 & 0 01 0. E203101 C	oc page / & o or o.
Note: Ther minutes of	reived on ice? If yes, the recorded temp is 4°C rmal preservation is not required, if samples a sampling record the temperature. Actual sample	are received w/i 15	Yes C			
Sample Container		• —	_			
14. Are aqueous VO	C samples present?		No			
•	es collected in VOA Vials?		NA			
-	e less than 6-8 mm (pea sized or less)?		NA			
-	(TB) included for VOC analyses?		NA			
=	imples collected in the correct container	s?	Yes			
	volume/weight or number of sample conta		Yes			
Field Label	•					
	le labels filled out with the minimum in:	formation:				
Sample ID?			Yes			
Date/Time C			Yes	'		
Collectors na			No			
Sample Preservatio		10				
	r field labels indicate the samples were	preserved?	No			
22. Are sample(s) co		4-1-9	NA			
	required and/or requested for dissolved	metais?	No			
Multiphase Sample		_				
_	have more than one phase, i.e., multiph		No			
27. If yes, does the C	COC specify which phase(s) is to be ana	lyzed?	NA			
Subcontract Labor	<u>atory</u>					
28. Are samples requ	uired to get sent to a subcontract laborat	ory?	No			
29. Was a subcontract	ct laboratory specified by the client and	if so who?	NA	Subcontract Lab	: na	
Client Instruction						
1						
1						
1						

Date

Signature of client authorizing changes to the COC or sample disposition.

Report to:
Ashley Maxwell



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Souder Miller Associates - Carlsbad

Project Name: Tomb Raider

Work Order: E203159

Job Number: 01058-0007

Received: 3/25/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/1/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 4/1/22

Ashley Maxwell 201 S Halagueno St. Carlsbad, NM 88220

Project Name: Tomb Raider

Workorder: E203159

Date Received: 3/25/2022 8:30:00AM

Ashley Maxwell,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/25/2022 8:30:00AM, under the Project Name: Tomb Raider.

The analytical test results summarized in this report with the Project Name: Tomb Raider apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

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Technical Representative Office: 505-421-LABS(5227)

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Sample Summary

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	Donoutoda
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	04/01/22 16:48

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SB04 @ 2	E203159-01A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB04 @ 4	E203159-02A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB04 @ 6	E203159-03A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB04 @ 7	E203159-04A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB05 @ 0	E203159-05A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB05 @ 2	E203159-06A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB05 @ 4	E203159-07A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB05 @ 6	E203159-08A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB05 @ 7	E203159-09A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB06 @ 0	E203159-10A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB06 @ 2	E203159-11A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB06 @ 4	E203159-12A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB06 @ 6	E203159-13A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB07 @ 0	E203159-14A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB07 @ 2	E203159-15A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB07 @ 4	E203159-16A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB07 @ 6	E203159-17A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB08 @ 0	E203159-18A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB08 @ 2	E203159-19A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB08 @ 4	E203159-20A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:48:13PM

SB04 @ 2 E203159-01

Analyte	Result	Reporting Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			Batch: 2214005
Benzene	ND	0.0250	1		03/28/22	03/31/22	Buten, 221 1000
Ethylbenzene	ND	0.0250	1	l	03/28/22	03/31/22	
Toluene	ND	0.0250	1	[03/28/22	03/31/22	
o-Xylene	ND	0.0250	1	l	03/28/22	03/31/22	
p,m-Xylene	ND	0.0500	1	[03/28/22	03/31/22	
Total Xylenes	ND	0.0250	1	1	03/28/22	03/31/22	
Surrogate: Bromofluorobenzene		89.7 %	70-130		03/28/22	03/31/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		03/28/22	03/31/22	
Surrogate: Toluene-d8		97.2 %	70-130		03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2214005
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	03/28/22	03/31/22	
Surrogate: Bromofluorobenzene		89.7 %	70-130		03/28/22	03/31/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		03/28/22	03/31/22	
Surrogate: Toluene-d8		97.2 %	70-130		03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	ЛL		Batch: 2214029
Diesel Range Organics (C10-C28)	ND	25.0	1	l	03/29/22	03/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	l	03/29/22	03/31/22	
Surrogate: n-Nonane		86.7 %	50-200		03/29/22	03/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2214012
Chloride	158	20.0	1		03/28/22	03/30/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:48:13PM

SB04 @ 4 E203159-02

		2200109 02				
Analyte	Result	Reporting Limit	Diluti	on Prepared	Analyzed	Notes
Allaryte				1	Allaryzeu	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2214005
Benzene	ND	0.0250	1	03/28/22	03/31/22	
Ethylbenzene	ND	0.0250	1	03/28/22	03/31/22	
Toluene	ND	0.0250	1	03/28/22	03/31/22	
o-Xylene	ND	0.0250	1	03/28/22	03/31/22	
p,m-Xylene	ND	0.0500	1	03/28/22	03/31/22	
Total Xylenes	ND	0.0250	1	03/28/22	03/31/22	
Surrogate: Bromofluorobenzene		92.1 %	70-130	03/28/22	03/31/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	03/28/22	03/31/22	
Surrogate: Toluene-d8		96.4 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2214005
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	03/31/22	
Surrogate: Bromofluorobenzene		92.1 %	70-130	03/28/22	03/31/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	03/28/22	03/31/22	
Surrogate: Toluene-d8		96.4 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: JL		Batch: 2214029
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/22	03/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/22	03/31/22	
Surrogate: n-Nonane		83.2 %	50-200	03/29/22	03/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: RAS		Batch: 2214012
Chloride	95.1	20.0	1	03/28/22	03/30/22	

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:48:13PM

SB04 @ 6 E203159-03

Result	Reporting		ion Prepared	Analyzed	Notes
			1		Batch: 2214005
			-	02/21/22	Batch: 2214003
		•			
		•			
		•			
		1			
ND	0.0500	1			
ND	0.0250	1	03/28/22	03/31/22	
	90.1 %	70-130	03/28/22	03/31/22	
	106 %	70-130	03/28/22	03/31/22	
	97.2 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	A	nalyst: IY		Batch: 2214005
ND	20.0	1	03/28/22	03/31/22	
	90.1 %	70-130	03/28/22	03/31/22	
	106 %	70-130	03/28/22	03/31/22	
	97.2 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	A	nalyst: JL		Batch: 2214029
ND	25.0	1	03/29/22	03/31/22	_
ND	50.0	1	03/29/22	03/31/22	
	84.0 %	50-200	03/29/22	03/31/22	
mg/kg	mg/kg	A	analyst: RAS		Batch: 2214012
	ND mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 90.1 % 106 % 97.2 % mg/kg ND 20.0 90.1 % 106 % 97.2 % mg/kg mg/kg mg/kg ND 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg A ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 70-130 1 90.1 % 70-130 70-130 mg/kg mg/kg A ND 20.0 1 90.1 % 70-130 70-130 97.2 % 70-130 70-130 mg/kg mg/kg A ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0500 1 03/28/22 ND 0.0250 1 03/28/22 ND 70-130 03/28/22 97.2 % 70-130 03/28/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 90.1 % 70-130 03/28/22 97.2 % 70-130 03/28/22 97.2 % 70-130 03/28/22 97.2 % 70-130 03/28/22 mg/kg mg/kg Analyst: JL ND 25.0 1 03/29/22 ND 50.0 1 03/29/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY Analyst: IY ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0500 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 90.1 % 70-130 03/28/22 03/31/22 97.2 % 70-130 03/28/22 03/31/22 mg/kg mg/kg Analyst: IY 1 ND 20.0 1 03/28/22 03/31/22 97.2 % 70-130 03/28/22 03/31/22 mg/kg mg/kg Analyst: JL ND 25.0 1 03/29/22 03/31/22

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:48:13PM

SB04 @ 7 E203159-04

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY			Batch: 2214005
Benzene	ND	0.0250	1		03/28/22	03/31/22	
Ethylbenzene	ND	0.0250	1		03/28/22	03/31/22	
Toluene	ND	0.0250	1		03/28/22	03/31/22	
o-Xylene	ND	0.0250	1		03/28/22	03/31/22	
p,m-Xylene	ND	0.0500	1		03/28/22	03/31/22	
Total Xylenes	ND	0.0250	1		03/28/22	03/31/22	
Surrogate: Bromofluorobenzene		92.6 %	70-130		03/28/22	03/31/22	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		03/28/22	03/31/22	
Surrogate: Toluene-d8		96.5 %	70-130		03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY			Batch: 2214005
Gasoline Range Organics (C6-C10)	ND	20.0	1		03/28/22	03/31/22	
Surrogate: Bromofluorobenzene		92.6 %	70-130		03/28/22	03/31/22	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		03/28/22	03/31/22	
Surrogate: Toluene-d8		96.5 %	70-130		03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL			Batch: 2214029
Diesel Range Organics (C10-C28)	ND	25.0	1		03/29/22	03/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1		03/29/22	03/31/22	
Surrogate: n-Nonane		89.9 %	50-200		03/29/22	03/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RA	AS		Batch: 2214012
Chloride	78.7	20.0	1		03/28/22	03/30/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:48:13PM

SB05 @ 0 E203159-05

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: IY		Batch: 2214005
Benzene	ND	0.0250	1	03/28/22	03/31/22	
Ethylbenzene	ND	0.0250	1	03/28/22	03/31/22	
Toluene	ND	0.0250	1	03/28/22	03/31/22	
o-Xylene	ND	0.0250	1	03/28/22	03/31/22	
p,m-Xylene	ND	0.0500	1	03/28/22	03/31/22	
Total Xylenes	ND	0.0250	1	03/28/22	03/31/22	
Surrogate: Bromofluorobenzene		90.4 %	70-130	03/28/22	03/31/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	03/28/22	03/31/22	
Surrogate: Toluene-d8		97.6 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: IY		Batch: 2214005
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	03/31/22	
Surrogate: Bromofluorobenzene		90.4 %	70-130	03/28/22	03/31/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	03/28/22	03/31/22	
Surrogate: Toluene-d8		97.6 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: JL		Batch: 2214029
Diesel Range Organics (C10-C28)	2080	25.0	1	03/29/22	03/31/22	
Oil Range Organics (C28-C36)	4830	50.0	1	03/29/22	03/31/22	
Surrogate: n-Nonane		81.0 %	50-200	03/29/22	03/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: RAS		Batch: 2214012

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:48:13PM

SB05 @ 2 E203159-06

		2200107 00				
Analyte	Result	Reporting Limit	Diluti	on Prepared	Analyzed	Notes
		mg/kg		nalyst: IY	r mary 200	Batch: 2214005
Volatile Organic Compounds by EPA 8260B	mg/kg			-	02/21/22	Datch: 2214003
Benzene	ND	0.0250	1	03/28/22	03/31/22	
Ethylbenzene	ND	0.0250	1	03/28/22	03/31/22	
Toluene	ND	0.0250	1	03/28/22	03/31/22	
o-Xylene	ND	0.0250	1	03/28/22	03/31/22	
p,m-Xylene	ND	0.0500	1	03/28/22	03/31/22	
Total Xylenes	ND	0.0250	1	03/28/22	03/31/22	
Surrogate: Bromofluorobenzene		90.8 %	70-130	03/28/22	03/31/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	03/28/22	03/31/22	
Surrogate: Toluene-d8		98.8 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2214005
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	03/31/22	
Surrogate: Bromofluorobenzene		90.8 %	70-130	03/28/22	03/31/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	03/28/22	03/31/22	
Surrogate: Toluene-d8		98.8 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: JL		Batch: 2214029
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/22	03/31/22	_
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/22	03/31/22	
Surrogate: n-Nonane		84.7 %	50-200	03/29/22	03/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: RAS		Batch: 2214012
Chloride	42.8	20.0	1	03/28/22	03/30/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:48:13PM

SB05 @ 4 E203159-07

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: IY		Batch: 2214005
Benzene	ND	0.0250	1	03/28/22	03/31/22	
Ethylbenzene	ND	0.0250	1	03/28/22	03/31/22	
Toluene	ND	0.0250	1	03/28/22	03/31/22	
o-Xylene	ND	0.0250	1	03/28/22	03/31/22	
p,m-Xylene	ND	0.0500	1	03/28/22	03/31/22	
Total Xylenes	ND	0.0250	1	03/28/22	03/31/22	
Surrogate: Bromofluorobenzene		89.8 %	70-130	03/28/22	03/31/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	03/28/22	03/31/22	
Surrogate: Toluene-d8		96.7 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: IY		Batch: 2214005
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	03/31/22	
Surrogate: Bromofluorobenzene		89.8 %	70-130	03/28/22	03/31/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	03/28/22	03/31/22	
Surrogate: Toluene-d8		96.7 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: JL		Batch: 2214029
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/22	03/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/22	03/31/22	
Surrogate: n-Nonane		76.1 %	50-200	03/29/22	03/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: RAS		Batch: 2214012
Chloride	ND	20.0	1	03/28/22	03/30/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:48:13PM

SB05 @ 6 E203159-08

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2214005
Benzene	ND	0.0250	1	03/28/22	03/31/22	
Ethylbenzene	ND	0.0250	1	03/28/22	03/31/22	
Toluene	ND	0.0250	1	03/28/22	03/31/22	
o-Xylene	ND	0.0250	1	03/28/22	03/31/22	
p,m-Xylene	ND	0.0500	1	03/28/22	03/31/22	
Total Xylenes	ND	0.0250	1	03/28/22	03/31/22	
Surrogate: Bromofluorobenzene		89.7 %	70-130	03/28/22	03/31/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	03/28/22	03/31/22	
Surrogate: Toluene-d8		97.5 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2214005
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	03/31/22	
Surrogate: Bromofluorobenzene		89.7 %	70-130	03/28/22	03/31/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	03/28/22	03/31/22	
Surrogate: Toluene-d8		97.5 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: JL		Batch: 2214029
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/22	03/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/22	03/31/22	
Surrogate: n-Nonane		69.3 %	50-200	03/29/22	03/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: RAS		Batch: 2214012
Chloride	ND	20.0	1	03/28/22	03/30/22	

Souder Miller Associates - CarlsbadProject Name:Tomb Raider201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Ashley Maxwell4/1/2022 4:48:13PM

SB05 @ 7 E203159-09

	E200107 07				
Result			on Prepared	Analyzed	Notes
			1	Anaryzeu	
mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2214005
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0500	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
	92.3 %	70-130	03/28/22	03/31/22	
	98.3 %	70-130	03/28/22	03/31/22	
	97.7 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2214005
ND	20.0	1	03/28/22	03/31/22	
	92.3 %	70-130	03/28/22	03/31/22	
	98.3 %	70-130	03/28/22	03/31/22	
	97.7 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	Aı	nalyst: JL		Batch: 2214029
ND	25.0	1	03/29/22	03/31/22	
ND	50.0	1	03/29/22	03/31/22	
	69.4 %	50-200	03/29/22	03/31/22	
	_		1 . D.40		D . 1 2214012
mg/kg	mg/kg	Aı	nalyst: RAS		Batch: 2214012
	ND Mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 98.3 % 97.7 % mg/kg MD 20.0 92.3 % 98.3 % 97.7 % mg/kg mg/kg mg/kg ND 25.0 ND 50.0 69.4 %	mg/kg mg/kg Ar ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 92.3 % 70-130 98.3 % 70-130 97.7 % 70-130 98.3 % 70-130 98.3 % 70-130 97.7 % 70-130 mg/kg mg/kg Ar ND 25.0 1 ND 50.0 1 69.4 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0500 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 98.3 % 70-130 03/28/22 97.7 % 70-130 03/28/22 97.7 % 70-130 03/28/22 98.3 % 70-130 03/28/22 98.3 % 70-130 03/28/22 97.7 % 70-130 03/28/22 97.7 % 70-130 03/28/22 97.7 % 70-130 03/28/22 MD 25.0 1 03/29/22 ND 50.0 1 03/29/22 ND 50.4 % 50-200 03/29/22 <td>Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY Analyst: IY ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0500 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 98.3 % 70-130 03/28/22 03/31/22 97.7 % 70-130 03/28/22 03/31/22 mg/kg mg/kg Analyst: IY 03/28/22 03/31/22 97.7 % 70-130 03/28/22 03/31/22 97.7 % 70-130 03/28/22 03/31/22 mg/kg mg/kg Analyst: JL ND 25.0 1 03/29/22 03/31/22</td>	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY Analyst: IY ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0500 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 98.3 % 70-130 03/28/22 03/31/22 97.7 % 70-130 03/28/22 03/31/22 mg/kg mg/kg Analyst: IY 03/28/22 03/31/22 97.7 % 70-130 03/28/22 03/31/22 97.7 % 70-130 03/28/22 03/31/22 mg/kg mg/kg Analyst: JL ND 25.0 1 03/29/22 03/31/22



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:48:13PM

SB06 @ 0 E203159-10

	1200107 10				
Result			on Prepared	Analyzed	Notes
			1		Batch: 2214005
		1		03/31/22	Butch: 221 1003
	****	1	03/28/22	03/31/22	
		1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0500	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
	90.0 %	70-130	03/28/22	03/31/22	
	95.9 %	70-130	03/28/22	03/31/22	
	97.2 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2214005
ND	20.0	1	03/28/22	03/31/22	
	90.0 %	70-130	03/28/22	03/31/22	
	95.9 %	70-130	03/28/22	03/31/22	
	97.2 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	Aı	nalyst: JL		Batch: 2214029
153	25.0	1	03/29/22	03/31/22	
230	50.0	1	03/29/22	03/31/22	
	78.7 %	50-200	03/29/22	03/31/22	
mg/kg	mg/kg	Aı	nalyst: RAS		Batch: 2214012
	MD ND mg/kg ND mg/kg 153	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 90.0 % 95.9 % 97.2 % mg/kg ND 20.0 90.0 % 95.9 % 97.2 % mg/kg mg/kg mg/kg 153 25.0 230 50.0	mg/kg mg/kg And ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 90.0 % 70-130 95.9 % 70-130 97.2 % 70-130 90.0 % 70-130 95.9 % 70-130 97.2 % 70-130 97.2 % 70-130 97.2 % 70-130 153 25.0 1 230 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0500 1 03/28/22 ND 0.0250 1 03/28/22 90.0 % 70-130 03/28/22 97.2 % 70-130 03/28/22 97.2 % 70-130 03/28/22 90.0 % 70-130 03/28/22 95.9 % 70-130 03/28/22 97.2 % 70-130 03/28/22 97.2 % 70-130 03/28/22 97.2 % 70-130 03/28/22 97.2 % 70-130 03/28/22 mg/kg mg/kg Analyst: JL 153 25.0 1 03/29/22 230 50.0 1 03/29/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0500 1 03/28/22 03/31/22 ND 0.0500 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 90.0 % 70-130 03/28/22 03/31/22 95.9 % 70-130 03/28/22 03/31/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 03/31/22 95.9 % 70-130 03/28/22 03/31/22 95.9 % 70-130 03/28/22 03/31/22 97.2 % 70-130 03/28/22 03/31/22 mg/kg mg/kg Analyst: JL 153 25.0 1 <

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:48:13PM

SB06 @ 2 E203159-11

	_	Reporting	_			
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2214005
Benzene	ND	0.0250	1	03/28/22	03/31/22	
Ethylbenzene	ND	0.0250	1	03/28/22	03/31/22	
Toluene	ND	0.0250	1	03/28/22	03/31/22	
o-Xylene	ND	0.0250	1	03/28/22	03/31/22	
p,m-Xylene	ND	0.0500	1	03/28/22	03/31/22	
Total Xylenes	ND	0.0250	1	03/28/22	03/31/22	
Surrogate: Bromofluorobenzene		92.1 %	70-130	03/28/22	03/31/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	03/28/22	03/31/22	
Surrogate: Toluene-d8		98.4 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2214005
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	03/31/22	
Surrogate: Bromofluorobenzene		92.1 %	70-130	03/28/22	03/31/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	03/28/22	03/31/22	
Surrogate: Toluene-d8		98.4 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2214029
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/22	03/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/22	03/31/22	
Surrogate: n-Nonane		77.6 %	50-200	03/29/22	03/31/22	
	_			1 . D.G		D . 1 2214012
Anions by EPA 300.0/9056A	mg/kg	mg/kg	P	Analyst: RAS		Batch: 2214012

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:48:13PM

SB06 @ 4 E203159-12

		2200107 12				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
				nalyst: IY	1 mary zea	Batch: 2214005
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		-	02/21/22	Batch: 2214003
Benzene	ND	0.0250	1	03/28/22	03/31/22	
Ethylbenzene	ND	0.0250	1	03/28/22	03/31/22	
Toluene	ND	0.0250	1	03/28/22	03/31/22	
o-Xylene	ND	0.0250	1	03/28/22	03/31/22	
p,m-Xylene	ND	0.0500	1	03/28/22	03/31/22	
Total Xylenes	ND	0.0250	1	03/28/22	03/31/22	
Surrogate: Bromofluorobenzene		90.7 %	70-130	03/28/22	03/31/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	03/28/22	03/31/22	
Surrogate: Toluene-d8		97.8 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2214005
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	03/31/22	
Surrogate: Bromofluorobenzene		90.7 %	70-130	03/28/22	03/31/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	03/28/22	03/31/22	
Surrogate: Toluene-d8		97.8 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: JL		Batch: 2214029
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/22	03/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/22	03/31/22	
Surrogate: n-Nonane		79.4 %	50-200	03/29/22	03/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: RAS		Batch: 2214012
Chloride	27.0	20.0	1	03/28/22	03/30/22	

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:48:13PM

SB06 @ 6 E203159-13

		2200107 10					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
				Analyst:		Amaryzea	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Anaryst		00/01/00	Batch: 2214005
Benzene	ND	0.0250		1	03/28/22	03/31/22	
Ethylbenzene	ND	0.0250		1	03/28/22	03/31/22	
Toluene	ND	0.0250		1	03/28/22	03/31/22	
o-Xylene	ND	0.0250		1	03/28/22	03/31/22	
p,m-Xylene	ND	0.0500		1	03/28/22	03/31/22	
Total Xylenes	ND	0.0250		1	03/28/22	03/31/22	
Surrogate: Bromofluorobenzene		89.3 %	70-130		03/28/22	03/31/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		03/28/22	03/31/22	
Surrogate: Toluene-d8		96.8 %	70-130		03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2214005
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/28/22	03/31/22	
Surrogate: Bromofluorobenzene		89.3 %	70-130		03/28/22	03/31/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		03/28/22	03/31/22	
Surrogate: Toluene-d8		96.8 %	70-130		03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: Л		Batch: 2214029
Diesel Range Organics (C10-C28)	ND	25.0		1	03/29/22	03/31/22	
Oil Range Organics (C28-C36)	ND	50.0		1	03/29/22	03/31/22	
Surrogate: n-Nonane		75.5 %	50-200		03/29/22	03/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2214012
Chloride	30.8	20.0		1	03/28/22	03/30/22	· · · · · · · · · · · · · · · · · · ·



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:48:13PM

SB07 @ 0 E203159-14

		E203137-14				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2214005
Benzene	ND	0.0250	1	03/28/22	03/31/22	
Ethylbenzene	ND	0.0250	1	03/28/22	03/31/22	
Toluene	ND	0.0250	1	03/28/22	03/31/22	
o-Xylene	ND	0.0250	1	03/28/22	03/31/22	
p,m-Xylene	ND	0.0500	1	03/28/22	03/31/22	
Total Xylenes	ND	0.0250	1	03/28/22	03/31/22	
Surrogate: Bromofluorobenzene		91.7 %	70-130	03/28/22	03/31/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	03/28/22	03/31/22	
Surrogate: Toluene-d8		97.7 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2214005
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	03/31/22	
Surrogate: Bromofluorobenzene		91.7 %	70-130	03/28/22	03/31/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	03/28/22	03/31/22	
Surrogate: Toluene-d8		97.7 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: JL		Batch: 2214029
Diesel Range Organics (C10-C28)	449	25.0	1	03/29/22	03/31/22	
Oil Range Organics (C28-C36)	183	50.0	1	03/29/22	03/31/22	
Surrogate: n-Nonane		76.6 %	50-200	03/29/22	03/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: RAS		Batch: 2214012
Chloride	651	20.0	1	03/28/22	03/30/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:48:13PM

SB07 @ 2 E203159-15

Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	•		Batch: 2214005
Benzene	ND	0.0250		1	03/28/22	03/31/22	
Ethylbenzene	ND	0.0250		1	03/28/22	03/31/22	
Toluene	ND	0.0250		1	03/28/22	03/31/22	
o-Xylene	ND	0.0250		1	03/28/22	03/31/22	
p,m-Xylene	ND	0.0500		1	03/28/22	03/31/22	
Total Xylenes	ND	0.0250		1	03/28/22	03/31/22	
Surrogate: Bromofluorobenzene		90.3 %	70-130		03/28/22	03/31/22	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		03/28/22	03/31/22	
Surrogate: Toluene-d8		96.3 %	70-130		03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2214005
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/28/22	03/31/22	
Surrogate: Bromofluorobenzene		90.3 %	70-130		03/28/22	03/31/22	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		03/28/22	03/31/22	
Surrogate: Toluene-d8		96.3 %	70-130		03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2214029
Diesel Range Organics (C10-C28)	ND	25.0		1	03/29/22	03/31/22	
Oil Range Organics (C28-C36)	ND	50.0		1	03/29/22	03/31/22	
Surrogate: n-Nonane		79.5 %	50-200		03/29/22	03/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: RAS		Batch: 2214012
Chloride	ND	20.0		1	03/28/22	03/30/22	

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:48:13PM

SB07 @ 4 E203159-16

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY	7		Batch: 2214005
Benzene	ND	0.0250	1		03/28/22	03/31/22	
Ethylbenzene	ND	0.0250	1		03/28/22	03/31/22	
Toluene	ND	0.0250	1		03/28/22	03/31/22	
o-Xylene	ND	0.0250	1		03/28/22	03/31/22	
p,m-Xylene	ND	0.0500	1		03/28/22	03/31/22	
Total Xylenes	ND	0.0250	1		03/28/22	03/31/22	
Surrogate: Bromofluorobenzene		88.9 %	70-130		03/28/22	03/31/22	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		03/28/22	03/31/22	
Surrogate: Toluene-d8		95.5 %	70-130		03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: IY	7		Batch: 2214005
Gasoline Range Organics (C6-C10)	ND	20.0	1		03/28/22	03/31/22	
Surrogate: Bromofluorobenzene		88.9 %	70-130		03/28/22	03/31/22	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		03/28/22	03/31/22	
Surrogate: Toluene-d8		95.5 %	70-130		03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL			Batch: 2214029
Diesel Range Organics (C10-C28)	ND	25.0	1		03/29/22	03/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1		03/29/22	03/31/22	
Surrogate: n-Nonane		89.6 %	50-200		03/29/22	03/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: R.	AS		Batch: 2214012
Chloride	ND	20.0	1		03/28/22	03/30/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:48:13PM

SB07 @ 6 E203159-17

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	.nalyst: IY		Batch: 2214005
Benzene	ND	0.0250	1	03/28/22	03/31/22	
Ethylbenzene	ND	0.0250	1	03/28/22	03/31/22	
Toluene	ND	0.0250	1	03/28/22	03/31/22	
o-Xylene	ND	0.0250	1	03/28/22	03/31/22	
p,m-Xylene	ND	0.0500	1	03/28/22	03/31/22	
Total Xylenes	ND	0.0250	1	03/28/22	03/31/22	
Surrogate: Bromofluorobenzene		90.9 %	70-130	03/28/22	03/31/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	03/28/22	03/31/22	
Surrogate: Toluene-d8		96.6 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2214005
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	03/31/22	
Surrogate: Bromofluorobenzene		90.9 %	70-130	03/28/22	03/31/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	03/28/22	03/31/22	
Surrogate: Toluene-d8		96.6 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: JL		Batch: 2214029
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/22	03/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/22	03/31/22	
Surrogate: n-Nonane	·	89.3 %	50-200	03/29/22	03/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: RAS		Batch: 2214012
Amons by EFA 500.0/9050A	mg/kg	mg/kg				Dutem 221 1012

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:48:13PM

SB08 @ 0 E203159-18

Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	•		Batch: 2214005
Benzene	ND	0.0250		1	03/28/22	03/31/22	
Ethylbenzene	ND	0.0250		1	03/28/22	03/31/22	
Toluene	ND	0.0250		1	03/28/22	03/31/22	
o-Xylene	ND	0.0250		1	03/28/22	03/31/22	
p,m-Xylene	ND	0.0500		1	03/28/22	03/31/22	
Total Xylenes	ND	0.0250		1	03/28/22	03/31/22	
Surrogate: Bromofluorobenzene		89.3 %	70-130		03/28/22	03/31/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		03/28/22	03/31/22	
Surrogate: Toluene-d8		98.0 %	70-130		03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2214005
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/28/22	03/31/22	
Surrogate: Bromofluorobenzene		89.3 %	70-130		03/28/22	03/31/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		03/28/22	03/31/22	
Surrogate: Toluene-d8		98.0 %	70-130		03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: JL		Batch: 2214029
Diesel Range Organics (C10-C28)	1440	25.0		1	03/29/22	03/31/22	
Oil Range Organics (C28-C36)	1120	50.0		1	03/29/22	03/31/22	
Surrogate: n-Nonane		81.4 %	50-200		03/29/22	03/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2214012
Chloride	1720	20.0		1	03/28/22	03/30/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:48:13PM

SB08 @ 2 E203159-19

Dogult			tion	Duomonod	Analyzad	Notes
Resuit	Limit	Dilu	tion	Prepared	Anaiyzed	Notes
mg/kg	mg/kg	1	Analyst: Γ	Y	Batch: 2214005	
ND	0.0250	1		03/28/22	03/31/22	
ND	0.0250	1		03/28/22	03/31/22	
ND	0.0250	1		03/28/22	03/31/22	
ND	0.0250	1		03/28/22	03/31/22	
ND	0.0500	1		03/28/22	03/31/22	
ND	0.0250	1		03/28/22	03/31/22	
	91.5 %	70-130		03/28/22	03/31/22	
	105 %	70-130		03/28/22	03/31/22	
	98.8 %	70-130		03/28/22	03/31/22	
mg/kg	mg/kg	1	Analyst: Γ	Y		Batch: 2214005
ND	20.0	1		03/28/22	03/31/22	
	91.5 %	70-130		03/28/22	03/31/22	
	105 %	70-130		03/28/22	03/31/22	
	98.8 %	70-130		03/28/22	03/31/22	
mg/kg	mg/kg	1	Analyst: J	L		Batch: 2214029
ND	25.0	1		03/29/22	03/31/22	
ND	50.0	1	<u> </u>	03/29/22	03/31/22	
	81.1 %	50-200		03/29/22	03/31/22	
mg/kg	mg/kg	1	Analyst: R	RAS		Batch: 2214012
ND	20.0	1		03/28/22	03/30/22	
	ND Mg/kg ND Mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 91.5 % 105 % 98.8 % mg/kg ND 20.0 91.5 % 105 % 98.8 % mg/kg ND 25.0 ND 50.0 81.1 % mg/kg mg/kg mg/kg	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 105 % 70-130 105 % 70-130 98.8 % 70-130 mg/kg mg/kg ND 20.0 105 % 70-130 98.8 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0 81.1 % 50-200 mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analyst: I ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 70-130 1 98.8 % 70-130 1 Mg/kg mg/kg Analyst: I ND 20.0 1 98.8 % 70-130 1 98.8 % 70-130 1 mg/kg mg/kg Analyst: J ND 25.0 1 ND 50.0 1 81.1 % 50-200 mg/kg Analyst: F	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0500 1 03/28/22 ND 0.0250 1 03/28/22 ND 70-130 03/28/22 98.8 % 70-130 03/28/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 mg/kg 70-130 03/28/22 98.8 % 70-130 03/28/22 98.8 % 70-130 03/28/22 mg/kg mg/kg Analyst: JL ND 25.0 1 03/29/22 ND 50.0 1 03/29/22 ND 50.0 1 03/29/22 mg/kg mg/kg Analyst: RAS	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 03/31/22 ND 0.0500 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 105 % 70-130 03/28/22 03/31/22 98.8 % 70-130 03/28/22 03/31/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 03/31/22 105 % 70-130 03/28/22 03/31/22 105 % 70-130 03/28/22 03/31/22 105 %



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:48:13PM

SB08 @ 4 E203159-20

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY	Batch: 2214005	
Benzene	ND	0.0250	1	03/28/22	03/31/22	
Ethylbenzene	ND	0.0250	1	03/28/22	03/31/22	
Toluene	ND	0.0250	1	03/28/22	03/31/22	
o-Xylene	ND	0.0250	1	03/28/22	03/31/22	
p,m-Xylene	ND	0.0500	1	03/28/22	03/31/22	
Total Xylenes	ND	0.0250	1	03/28/22	03/31/22	
Surrogate: Bromofluorobenzene		89.6 %	70-130	03/28/22	03/31/22	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	03/28/22	03/31/22	
Surrogate: Toluene-d8		97.3 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2214005
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	03/31/22	
Surrogate: Bromofluorobenzene		89.6 %	70-130	03/28/22	03/31/22	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	03/28/22	03/31/22	
Surrogate: Toluene-d8		97.3 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2214029
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/22	03/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/22	03/31/22	
Surrogate: n-Nonane		88.6 %	50-200	03/29/22	03/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2214012
THIONS BY ETHEOGRAPHS						

QC Summary Data

Tomb Raider Souder Miller Associates - Carlsbad Project Name: Reported: 201 S Halagueno St. Project Number: 01058-0007 Carlsbad NM, 88220 Project Manager: Ashley Maxwell 4/1/2022 4:48:13PM **Volatile Organic Compounds by EPA 8260B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2214005-BLK1) Prepared: 03/28/22 Analyzed: 03/31/22 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.440 0.500 87.9 70-130 Surrogate: 1,2-Dichloroethane-d4 0.516 0.500 103 70-130 0.500 96.4 70-130 Surrogate: Toluene-d8 0.482 LCS (2214005-BS1) Prepared: 03/28/22 Analyzed: 03/31/22 2.61 0.0250 2.50 104 70-130 Benzene 2.50 105 70-130 2.63 Ethylbenzene 0.0250 2.62 0.0250 2.50 105 70-130 70-130 2.53 0.0250 2.50 101 o-Xylene 5.11 5.00 102 70-130 p,m-Xylene 0.0500 7.64 0.0250 7.50 102 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.474 0.500 94.7 70-130 0.500 103 70-130 Surrogate: 1,2-Dichloroethane-d4 0.513 70-130 Surrogate: Toluene-d8 0.509 0.500 Matrix Spike (2214005-MS1) Source: E203159-02 Prepared: 03/28/22 Analyzed: 03/31/22 2.54 0.0250 2.50 ND 102 48-131 45-135 Ethylbenzene 2.56 0.0250 2.50 ND 102 48-130 Toluene 2.54 0.0250 2.50 ND 102 2.49 0.0250 2.50 ND 99.5 43-135 o-Xylene 4.99 ND 99.7 43-135 p,m-Xylene 0.0500 5.00 Total Xylenes 7.48 0.0250 7.50 ND 99.7 43-135 95.9 0.480 0.500 70-130 Surrogate: Bromofluorobenzene

0.500

0.500

2.50

2.50

2.50

2.50

5.00

7.50

0.500

0.500

0.500

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

98.4

106

106

102

104

103

96.7

98.2

102

Source: E203159-02

ND

ND

ND

ND

ND

ND

70-130

70-130

48-131

45-135

48-130

43-135

43-135

43-135

70-130

70-130

70-130

4.25

3.98

4.50

2.77

3.90

3.53



Prepared: 03/28/22 Analyzed: 03/31/22

23

27

24

27

27

27

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

Matrix Spike Dup (2214005-MSD1)

Surrogate: Toluene-d8

Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: Toluene-d8

0.492

0.501

2.65

2.66

2.66

2.56

5.19

7.74

0.484

0.491

0.509

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

QC Summary Data

Souder Miller Associates - CarlsbadProject Name:Tomb RaiderReported:201 S Halagueno St.Project Number:01058-0007Carlsbad NM, 88220Project Manager:Ashley Maxwell4/1/2022 4:48:13PM

Carlsbad NM, 88220		Project Manager	:: As	shley Maxwell				4	/1/2022 4:48:13PM
	Non	halogenated	Organics l	by EPA 801	5D - Gl	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2214005-BLK1)							Prepared: 0	3/28/22 Ana	lyzed: 03/31/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.440		0.500		87.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.516		0.500		103	70-130			
Surrogate: Toluene-d8	0.482		0.500		96.4	70-130			
LCS (2214005-BS2)							Prepared: 0	3/28/22 Ana	lyzed: 03/31/22
Gasoline Range Organics (C6-C10)	56.3	20.0	50.0		113	70-130			
Surrogate: Bromofluorobenzene	0.469		0.500		93.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			
Matrix Spike (2214005-MS2)				Source: 1	E 203159 -0	02	Prepared: 0	3/28/22 Ana	lyzed: 03/31/22
Gasoline Range Organics (C6-C10)	58.6	20.0	50.0	ND	117	70-130			
Surrogate: Bromofluorobenzene	0.476		0.500		95.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			
Matrix Spike Dup (2214005-MSD2)				Source: 1	E 203159 -0	02	Prepared: 0	3/28/22 Ana	lyzed: 04/01/22
Gasoline Range Organics (C6-C10)	58.2	20.0	50.0	ND	116	70-130	0.727	20	
Surrogate: Bromofluorobenzene	0.472		0.500		94.3	70-130			

0.500

0.500

0.495

0.501

98.9

100

70-130

70-130



QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	Reported:
201 S Halagueno St.	Project Number:	01058-0007	•
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:48:13PM

Carlsbad NM, 88220		Project Manage	r: As	shley Maxwel	1				4/1/2022 4:48:13PM			
	Nonha	Nonhalogenated Organics by EPA 8015D - DRO/ORO						Analyst: JL				
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit				
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes			
Blank (2214029-BLK1)							Prepared: 0	3/29/22 A1	nalyzed: 03/31/22			
Diesel Range Organics (C10-C28)	ND	25.0										
Dil Range Organics (C28-C36)	ND	50.0										
Surrogate: n-Nonane	37.1		50.0		74.2	50-200						
LCS (2214029-BS1)							Prepared: 0	3/29/22 Aı	nalyzed: 03/31/22			
Diesel Range Organics (C10-C28)	430	25.0	500		86.0	38-132						
Surrogate: n-Nonane	31.1		50.0		62.3	50-200						
Matrix Spike (2214029-MS1)				Source:	E203159-1	17	Prepared: 0	3/29/22 A1	nalyzed: 03/31/22			
Diesel Range Organics (C10-C28)	438	25.0	500	ND	87.6	38-132						
Surrogate: n-Nonane	27.8		50.0		55.6	50-200						
Matrix Spike Dup (2214029-MSD1)				Source:	E203159-1	17	Prepared: 0	3/29/22 At	nalyzed: 03/31/22			
Diesel Range Organics (C10-C28)	446	25.0	500	ND	89.2	38-132	1.80	20				
Surrogate: n-Nonane	40.0		50.0		79.9	50-200						



QC Summary Data

Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	0	omb Raider 1058-0007 .shley Maxwell					Reported: 4/1/2022 4:48:13PM	
	Anions by EPA 300.0/9056A									
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes	
Blank (2214012-BLK1)							Prepared: 0	3/28/22 A	analyzed: 03/29/22	
Chloride	ND	20.0								
LCS (2214012-BS1)							Prepared: 0	3/28/22 A	analyzed: 03/31/22	
Chloride	253	20.0	250		101	90-110				
Matrix Spike (2214012-MS1)				Source: 1	E 203159- ()2	Prepared: 0	3/28/22 A	analyzed: 03/30/22	
Chloride	375	20.0	250	95.1	112	80-120				
Matrix Spike Dup (2214012-MSD1)				Source: 1	E203159-0)2	Prepared: 0	3/28/22 A	analyzed: 03/30/22	
Chloride	373	20.0	250	95.1	111	80-120	0.733	20		

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

	Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
-	201 S Halagueno St.	Project Number:	01058-0007	Reported:
	Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	04/01/22 16:48

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information
Client: SMA

Chain o	Custody	
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Page	5	_of_	0

													S	TP	5 de	M			
Client:	SMA				On Bill To					ab Us					AT	E	n		
Project:	Tom	o paid	Ur		Attention: HEVON		Lab	WO#	1		Job	Numb	oco 7	1D	3D	RCRA	CV	VA	SDWA
Project N	Nanager:	Ashu	Ly Ma	XW-CA	Address:		PE	20	315	59	010	58-	0007						
Address:					City, State, Zip						Analy	sis an	d Metho	d				Sta	
City, Stat	e, Zip				Phone:										1		NM	CO	UT AZ
Phone:					Email:		315	511								İ	X		
Email:	17. V. 1				WOH 20995421)y 8(17 8C	23	0	0	0.0		5			TX	OK	all a
Report d			_		100 th 00 113 1 Cl		RO	RO I	v 80	826	109	e 30		ž	×		1 = 1		
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID		Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC - NM	BGDOC.			Rem	arks
0932	3/23	5011	1	5304	2	1								X					
0935	3/23	5011	1	SB04	24	2								X					
0943	3/23	5011	1	58004	26	3								X					
0944	3/83	5011	1	5304	27	4								X					
0958	3/23	5011	1	5309	500	5								X					
1020	3/23	501/	1	5805	S 5	6								X					
1025	3/23	5011	1	5305		7								X					
1030	3/23	5011	1	5305	26	8								X					
1032	3/23	501/	1	5805	27	9	ΙĪ							X					
1035	3/23	5011	1	5306	90	10								X					
Addition	al Instruc	tions:																	
				this sample. I am awards for legal action. Samp	e that tampering with or intentionally mislabelling to	he sample location, date or	1						g thermal pres n ice atan avg						pled or
1	od by: (Sign	11	, Date	24/22 177	Received by (Manature)	DIA 3/24/	21	Time	:2	6	Rec	eived	on ice:		ab Us	e Only			
111	eg v: (Sign	LUI-	3/2	4/27 16	Retreived by: (Signature)	Date 3/25	122	Time	:3		T1		20.77	T2			T3		
Relinquish	ed by: (Sign	ature)	Date	? Time	Received by: (Signature)	Date		Time			AVIC	Tem	p°C_	1					
Sample Mat	rix: S - Soil. S	d - Solid, Se -	Sludge, A - A	Aqueous, O - Other _		Containe	r Type	. a . c	rlace	n - n		_			cc v -	VOA	_	_	
					ther arrangements are made. Hazardous sam	poles will be returned to c	lient or	disnos	ad of	or the	dient e	vnence	Therano	t for th	e anal	sis of the air	nove sar	roles is	anclican

	ann A													2	TD 5	AT	U		
	SWA	0				O- Bill To		J.		La	b U	se On	ly				/ E	PA Progra	m
Project:	Tor	MY Ray	air	1411	Att	ention: Byon		Lab	WO#		-0		Numl		1D	3D	RCRA	CWA	SDWA
Project N	/lanager:	Ashle	4 WOX	wevi_		dress:		PE	20	31	24			+000					
Address:		100	1		1	y, State, Zip						Analy	sis ar	d Metho	d				ate
City, Stat	e, Zip					one:													UT AZ
Phone:		_			<u>Em</u>	nail:		015	015									X	
Email: Report d	ue by:				1/2	10# 20995421		DRO/ORO by 8015	GRO/DRO by 8015	021	09	10	0.00		2			TX OK	
Time	Date Date		No		1 100	10+6 & 6/10 /21	Lab	ORO	DRO	by 8	3y 82	ls 60	ide 3		1.0	6.5			
Sampled	Sampled	Matrix	Containers	Sample ID			Number	DRO/	GRO/	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC - NM	BGDOC.		Rer	marks
1034	3/23	5011	1	SBO	60	2	11								X				
1044	3/23	501	1	5800	ωa	4	12								X				
1047	3 23	soil	1	580	60	6	13								X				
1050	3/23	SOIL	1	SBO	7 ಎ	0	14								X				
1100	3/23	1102	1	SBO	72	2	15								X				
1105	3 23	2011	1	SBO	7 2	4	16								X				
1108	3 23	5011	1	580	n 2	6	17								X				
1115	3 23	5011	1	580	5 8 Q	0	18								X				
1125	3 23	soil	1	SBO	08 a	2	19								X				
1126	3 23	2011	1	SBO	08 á) 4	20								X				
Addition	al Instruc	tions:																	
. (fie'd sampl	er), attest to th	e validity and a	uthenticity of	this sample. I am awa	re that tampe	ring with or intentionally mislabelling the sample	ocation, date or	-	-									he day they are s	
time of collec	ction is conside	red fraud and n	nay be ground	s for legal action. Sam	pled by:	1 1		,				receive	d packed	in ice at an ava	temp ab	ove J bu	less than 6 °C :	n subsequent da	vs.
/	ed by: (Sign	M	Date of	2/122 177	:26	Received by: signature)	324/	32	Time	:2	6	Rec	eived	on ice:		ab U	se Only I		
1K	ed by (Sign	VOUX	- Bh	4/29 70	0:30	Received by: (Signature)	Date 3/25/	22	Time	:30		T1		210.0000	T2		3.	T3	
Relinquish	ec by: (Sign	ature) 0	Date	7 Time		Received by: (Signature)	Date		Time			AVC	Ten	np °C	4	/			
Sample Mar	rix: S - Soil. S	d - Solid, Sg -	Sludge, A - A	queous, O - Other		I -	Containe	r Type	: g - a	lass	p - n	_			er ela	ass. v	- VOA		
					other arrang	gements are made. Hazardous samples will b	e returned to c	lient or	dispos	ed of	at the	client	expense	e The repo	rt for th	he anal	vsis of the ai	pove samples	is applicable
only to thos	se samples re	ceived by the	laboratory v	with this COC. The	iability of th	e laboratory is limited to the amount paid fo	on the report.												

envirotech Inc.

Printed: 3/25/2022 12:02:18PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Souder Miller Associates - Carlsbad	Date Received:	03/25/22 08	3:30	Wor	k Order ID:	E203159
Phone:	(505) 325-7535	Date Logged In:	03/25/22 09	9:27	Log	ged In By:	Caitlin Christian
Email:	ashley.maxwell@soudermiller.com	Due Date:	03/31/22 17	7:00 (4 day TAT)	-		
	Custody (COC)						
	e sample ID match the COC? e number of samples per sampling site location may	tab the COC	Yes				
	imples dropped off by client or carrier?	ich die COC	Yes	a			
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes Yes	Carrier: <u>C</u>	<u>carrier</u>		
	I samples received within holding time?	sted unary ses.	Yes				
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.			ſ		Comments	/Resolution
	urn Around Time (TAT) COC indicate standard TAT, or Expedited TAT?		Yes		Project has been	en seperate	ed into 4 reports
Sample C	•		103		_	-	es. Workorders are
	ample cooler received?		Yes		as follows:	or sumpre	s. Workorders are
	was cooler received in good condition?		Yes			N.D. 10	0 CO F000150
•	e sample(s) received intact, i.e., not broken?		Yes			-	2 of 8. E203159
	custody/security seals present?				COC page 3 &	z 4 of 8. E	203160 COC page
	were custody/security seals intact?		No		5 & 6 of 8. E2	03161 CO	C page 7 & 8 of 8.
12. Was the	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	NA Yes				
Sample C	Container	•	_				
	ueous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers'	?	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lab	<u>el</u>						
20. Were t	— field sample labels filled out with the minimum info	ormation:					
	imple ID?		Yes				
	ate/Time Collected?		Yes				
	ollectors name?		No				
	reservation		NT.				
	the COC or field labels indicate the samples were pr	reserved?	No				
	mple(s) correctly preserved? filteration required and/or requested for dissolved n	aatala9	NA No				
	1	ictais:	NO				
	se Sample Matrix	0	2.7				
	the sample have more than one phase, i.e., multipha		No				
•	does the COC specify which phase(s) is to be analy	yzed?	NA				
	act Laboratory						
	imples required to get sent to a subcontract laborato	•	No				
	subcontract laboratory specified by the client and in	t so who?	NA S	Subcontract Lab	o: na		
Client In	struction						

Date

Signature of client authorizing changes to the COC or sample disposition.

Report to:
Ashley Maxwell



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Souder Miller Associates - Carlsbad

Project Name: Tomb Raider

Work Order: E203160

Job Number: 01058-0007

Received: 3/25/2022

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 4/1/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 4/1/22

Ashley Maxwell 201 S Halagueno St. Carlsbad, NM 88220

Project Name: Tomb Raider

Workorder: E203160

Date Received: 3/25/2022 8:30:00AM

Ashley Maxwell,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/25/2022 8:30:00AM, under the Project Name: Tomb Raider.

The analytical test results summarized in this report with the Project Name: Tomb Raider apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

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Cell: 775-287-1762

whinchman@envirotech-inc.com

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Sample Summary

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	Donoutoda
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	04/01/22 11:40

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SB09 @ 0	E203160-01A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB09 @ 2	E203160-02A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB09 @ 4	E203160-03A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB10 @ 0	E203160-04A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB10 @ 2	E203160-05A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB10 @ 4	E203160-06A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB11 @ 0	E203160-07A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB11 @ 2	E203160-08A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB11 @ 4	E203160-09A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB12 @ 0	E203160-10A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB12 @ 2	E203160-11A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB12 @ 4	E203160-12A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB13 @ 0	E203160-13A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB13 @ 2	E203160-14A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB13 @ 4	E203160-15A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB13 @ 6	E203160-16A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB14 @ 0	E203160-17A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB14 @ 2	E203160-18A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB14 @ 4	E203160-19A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB15 @ 0	E203160-20A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 11:40:34AM

SB09 @ 0 E203160-01

	E203100-01				
Result	Reporting Limit		n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	alyst: IY		Batch: 2214016
ND	0.0250	1	03/28/22	03/30/22	
ND	0.0250	1	03/28/22	03/30/22	
ND	0.0250	1	03/28/22	03/30/22	
ND	0.0250	1	03/28/22	03/30/22	
ND	0.0500	1	03/28/22	03/30/22	
ND	0.0250	1	03/28/22	03/30/22	
	97.4 %	70-130	03/28/22	03/30/22	
mg/kg	mg/kg	An	alyst: IY		Batch: 2214016
ND	20.0	1	03/28/22	03/30/22	
	94.4 %	70-130	03/28/22	03/30/22	
mg/kg	mg/kg	An	alyst: JL		Batch: 2214030
217	25.0	1	03/29/22	03/30/22	
161	50.0	1	03/29/22	03/30/22	
	84.4 %	50-200	03/29/22	03/30/22	
mg/kg	mg/kg	An	alyst: KL		Batch: 2214009
316	20.0	1	03/28/22	03/30/22	
	mg/kg ND ND ND ND ND ND ND The state of the	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 97.4 % mg/kg MD 20.0 94.4 % mg/kg mg/kg mg/kg 217 25.0 161 50.0 84.4 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg And ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 0.0250 1 97.4 % 70-130 70-130 mg/kg mg/kg And mg/kg mg/kg And 217 25.0 1 161 50.0 1 84.4 % 50-200 mg/kg mg/kg And	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0500 1 03/28/22 ND 0.0250 1 03/28/22 MD 0.0250 1 03/28/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 mg/kg mg/kg Analyst: IJ mg/kg mg/kg Analyst: JL 217 25.0 1 03/29/22 161 50.0 1 03/29/22 mg/kg mg/kg Analyst: KL	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 03/30/22 ND 0.0500 1 03/28/22 03/30/22 ND 0.0250 1 03/28/22 03/30/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 03/30/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 03/30/22 mg/kg mg/kg Analyst: JL 217 25.0 1 03/29/22 03/30/22 84.4 % 50-200 03/29/22 03/30/22 mg/kg mg/kg Analyst: KL

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 11:40:34AM

SB09 @ 2 E203160-02

		E203100-02				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
,				•	,	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anai	yst: IY		Batch: 2214016
Benzene	ND	0.0250	1	03/28/22	03/30/22	
Ethylbenzene	ND	0.0250	1	03/28/22	03/30/22	
Toluene	ND	0.0250	1	03/28/22	03/30/22	
o-Xylene	ND	0.0250	1	03/28/22	03/30/22	
p,m-Xylene	ND	0.0500	1	03/28/22	03/30/22	
Total Xylenes	ND	0.0250	1	03/28/22	03/30/22	
Surrogate: 4-Bromochlorobenzene-PID		97.3 %	70-130	03/28/22	03/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2214016
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	03/30/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.1 %	70-130	03/28/22	03/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2214030
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/22	03/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/22	03/30/22	
Surrogate: n-Nonane		87.9 %	50-200	03/29/22	03/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2214009
Chloride	ND	20.0	1	03/28/22	03/30/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 11:40:34AM

SB09 @ 4 E203160-03

		E203100-03				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Marye	resuit	- Emili	Bitation	Trepared	7 Hary Zea	rotes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2214016
Benzene	ND	0.0250	1	03/28/22	03/30/22	
Ethylbenzene	ND	0.0250	1	03/28/22	03/30/22	
Toluene	ND	0.0250	1	03/28/22	03/30/22	
o-Xylene	ND	0.0250	1	03/28/22	03/30/22	
p,m-Xylene	ND	0.0500	1	03/28/22	03/30/22	
Total Xylenes	ND	0.0250	1	03/28/22	03/30/22	
Surrogate: 4-Bromochlorobenzene-PID		97.2 %	70-130	03/28/22	03/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2214016
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	03/30/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	03/28/22	03/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2214030
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/22	03/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/22	03/30/22	
Surrogate: n-Nonane		87.5 %	50-200	03/29/22	03/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2214009
Chloride	ND	20.0	1	03/28/22	03/30/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 11:40:34AM

SB10 @ 0 E203160-04

		E203100-04				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
Tillalyee	resur	Emit	Ditation	Теригеа	7 Hary Zea	110105
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2214016
Benzene	ND	0.0250	1	03/28/22	03/30/22	
Ethylbenzene	ND	0.0250	1	03/28/22	03/30/22	
Toluene	ND	0.0250	1	03/28/22	03/30/22	
o-Xylene	ND	0.0250	1	03/28/22	03/30/22	
p,m-Xylene	ND	0.0500	1	03/28/22	03/30/22	
Total Xylenes	ND	0.0250	1	03/28/22	03/30/22	
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	03/28/22	03/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2214016
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	03/30/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.5 %	70-130	03/28/22	03/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2214030
Diesel Range Organics (C10-C28)	244	25.0	1	03/29/22	03/30/22	
Oil Range Organics (C28-C36)	189	50.0	1	03/29/22	03/30/22	
Surrogate: n-Nonane		93.5 %	50-200	03/29/22	03/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: KL		Batch: 2214009
Chloride	611	20.0	1	03/28/22	03/30/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 11:40:34AM

SB10 @ 2 E203160-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214016
Benzene	ND	0.0250	1	03/28/22	03/31/22	
Ethylbenzene	ND	0.0250	1	03/28/22	03/31/22	
Toluene	ND	0.0250	1	03/28/22	03/31/22	
o-Xylene	ND	0.0250	1	03/28/22	03/31/22	
p,m-Xylene	ND	0.0500	1	03/28/22	03/31/22	
Total Xylenes	ND	0.0250	1	03/28/22	03/31/22	
Surrogate: 4-Bromochlorobenzene-PID		98.0 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2214016
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	03/31/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2214030
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/22	03/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/22	03/30/22	
Surrogate: n-Nonane		92.6 %	50-200	03/29/22	03/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: KL		Batch: 2214009
Chloride	ND	20.0	1	03/28/22	03/30/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 11:40:34AM

SB10 @ 4 E203160-06

	1205100 00				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	Analyst: IY		Batch: 2214016
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0500	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
	98.1 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2214016
ND	20.0	1	03/28/22	03/31/22	
	93.9 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2214030
ND	25.0	1	03/29/22	03/31/22	
ND	50.0	1	03/29/22	03/31/22	
	81.5 %	50-200	03/29/22	03/31/22	
mg/kg	mg/kg	Anal	yst: KL		Batch: 2214009
ND	20.0	1	03/28/22	03/30/22	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 98.1 % mg/kg MD 20.0 93.9 % mg/kg ND 25.0 ND 50.0 81.5 % mg/kg mg/kg mg/kg	mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 98.1 % 70-130 mg/kg mg/kg Anal ND 20.0 1 93.9 % 70-130 1 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 81.5 % 50-200 mg/kg Mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0500 1 03/28/22 ND 0.0250 1 03/28/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 mg/kg mg/kg Analyst: JL ND 25.0 1 03/29/22 ND 50.0 1 03/29/22 ND 50.0 1 03/29/22 ND 50.0 1 03/29/22 Mg/kg mg/kg Analyst: JL	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0500 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 03/31/22 mg/kg mg/kg Analyst: IY ND 25.0 1 03/28/22 03/31/22 ND 25.0 1 03/29/22 03/31/22 ND 50.0 1 03/29/22 03/31/22 ND 50.0 1 03/29/22 03/31/22 03/31/22 ND 50.0 1 03/29/22 03/31/22 ND



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 11:40:34AM

SB11 @ 0 E203160-07

	L205100 07				
Result	Reporting Limit		Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	Analyst: IY		Batch: 2214016
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0500	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
	96.4 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	Ana	lyst: IY		Batch: 2214016
ND	20.0	1	03/28/22	03/31/22	
	94.5 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	Ana	lyst: JL		Batch: 2214030
55.2	25.0	1	03/29/22	03/31/22	
58.8	50.0	1	03/29/22	03/31/22	
	83.2 %	50-200	03/29/22	03/31/22	
mg/kg	mg/kg	Ana	lyst: KL		Batch: 2214009
1380	20.0	1	03/28/22	03/30/22	
	mg/kg ND ND ND ND ND ND ND ND SSSSSSSSSSSSSS	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 0.0250 MD 20.0250 96.4 % mg/kg Mg/kg mg/kg ND 20.0 94.5 % mg/kg 55.2 25.0 58.8 50.0 83.2 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 96.4 % 70-130 70-130 mg/kg mg/kg Ana 55.2 25.0 1 58.8 50.0 1 83.2 % 50-200 mg/kg mg/kg Ana	Reporting Result Limit Dilution Prepared mg/kg Manalyst: IY ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0500 1 03/28/22 ND 0.0250 1 03/28/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 mg/kg mg/kg Analyst: JL 55.2 25.0 1 03/29/22 58.8 50.0 1 03/29/22 mg/kg mg/kg Analyst: JL	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0500 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 mg/kg mg/kg Analyst: IV ND 20.0 1 03/28/22 03/31/22 mg/kg mg/kg Analyst: IV 03/28/22 03/31/22 mg/kg mg/kg Analyst: JL 03/28/22 03/31/22 55.2 25.0 1 03/29/22 03/31/22 58.8 50.0 1 03/29/22 03/31/22 mg/kg mg/kg Analyst: KL 03/31/22



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 11:40:34AM

SB11 @ 2 E203160-08

	L205100 00				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	Analyst: IY		Batch: 2214016
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0500	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
	96.8 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2214016
ND	20.0	1	03/28/22	03/31/22	
	94.9 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2214030
ND	25.0	1	03/29/22	03/31/22	
ND	50.0	1	03/29/22	03/31/22	
	87.8 %	50-200	03/29/22	03/31/22	
mg/kg	mg/kg	Anal	yst: KL		Batch: 2214009
ND	20.0	1	03/28/22	03/30/22	
	mg/kg ND Mg/kg ND mg/kg	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0250 96.8 % mg/kg MD 20.0 94.9 % mg/kg ND 25.0 ND 50.0 87.8 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 96.8 % 70-130 mg/kg mg/kg Anal ND 20.0 1 94.9 % 70-130 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 87.8 % 50-200 mg/kg Mg/kg Anal	Reporting Result Limit Dilution Prepared mg/kg Manalyst: IY ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0500 1 03/28/22 ND 0.0250 1 03/28/22 mg/kg Mg/kg Analyst: IY ND 20.0 1 03/28/22 mg/kg Mg/kg Analyst: JL ND 25.0 1 03/29/22 ND 50.0 1 03/29/22 ND 50.0 1 03/29/22 87.8 % 50-200 03/29/22 mg/kg Mg/kg Analyst: KL	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0500 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 mg/kg mg/kg Analyst: IV ND 20.0 1 03/28/22 03/31/22 mg/kg mg/kg Analyst: IV ND 20.0 1 03/28/22 03/31/22 mg/kg mg/kg Analyst: JL ND 25.0 1 03/29/22 03/31/22 ND 50.0 1 03/29/22 03/31/22 ND 50.0 1 03/29/22 03/31/22



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 11:40:34AM

SB11 @ 4 E203160-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214016
Benzene	ND	0.0250	1	03/28/22	03/31/22	
Ethylbenzene	ND	0.0250	1	03/28/22	03/31/22	
Toluene	ND	0.0250	1	03/28/22	03/31/22	
o-Xylene	ND	0.0250	1	03/28/22	03/31/22	
p,m-Xylene	ND	0.0500	1	03/28/22	03/31/22	
Total Xylenes	ND	0.0250	1	03/28/22	03/31/22	
Surrogate: 4-Bromochlorobenzene-PID		96.6 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2214016
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	03/31/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2214030
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/22	03/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/22	03/31/22	
Surrogate: n-Nonane		87.6 %	50-200	03/29/22	03/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: KL		Batch: 2214009
Chloride	ND	20.0	1	03/28/22	03/30/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 11:40:34AM

SB12 @ 0 E203160-10

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: IY		Batch: 2214016
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0500	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
	96.7 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2214016
ND	20.0	1	03/28/22	03/31/22	
	94.7 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2214030
ND	25.0	1	03/29/22	03/31/22	
ND	50.0	1	03/29/22	03/31/22	
	84.1 %	50-200	03/29/22	03/31/22	
mg/kg	mg/kg	Anal	yst: KL		Batch: 2214009
438	20.0	1	03/28/22	03/30/22	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 MD 20.0 94.7 % mg/kg MD 25.0 ND 50.0 84.1 % mg/kg mg/kg mg/kg	mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 mg/kg mg/kg Anal ND 20.0 1 94.7 % 70-130 1 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 84.1 % 50-200 mg/kg mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0500 1 03/28/22 ND 0.0250 1 03/28/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 mg/kg mg/kg Analyst: JL ND 25.0 1 03/29/22 ND 50.0 1 03/29/22 ND 50.0 1 03/29/22 84.1 % 50-200 03/29/22 mg/kg Mg/kg Analyst: KL	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 03/31/22 ND 0.0500 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 03/31/22 mg/kg mg/kg Analyst: IY ND 25.0 1 03/28/22 03/31/22 ND 25.0 1 03/29/22 03/31/22 03/31/22 ND 50.0 1 03/29/22 03/31/22 ND 50.0 1 03/29/22 03/31/22 ND 50.0 1 03/29/22 03/31/22



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 11:40:34AM

SB12 @ 2 E203160-11

		E203100-11				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
- many to	resur	2		Tropulou	111111111111111111111111111111111111111	110100
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2214016
Benzene	ND	0.0250	1	03/28/22	03/31/22	
Ethylbenzene	ND	0.0250	1	03/28/22	03/31/22	
Toluene	ND	0.0250	1	03/28/22	03/31/22	
o-Xylene	ND	0.0250	1	03/28/22	03/31/22	
p,m-Xylene	ND	0.0500	1	03/28/22	03/31/22	
Total Xylenes	ND	0.0250	1	03/28/22	03/31/22	
Surrogate: 4-Bromochlorobenzene-PID		96.4 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2214016
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	03/31/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.2 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2214030
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/22	03/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/22	03/31/22	
Surrogate: n-Nonane		71.1 %	50-200	03/29/22	03/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2214009
Chloride	ND	20.0	1	03/28/22	03/30/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 11:40:34AM

SB12 @ 4 E203160-12

		E203100-12				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Allaryte	Result	Lillit	Dilution	Trepared	Allalyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2214016
Benzene	ND	0.0250	1	03/28/22	03/31/22	
Ethylbenzene	ND	0.0250	1	03/28/22	03/31/22	
Toluene	ND	0.0250	1	03/28/22	03/31/22	
o-Xylene	ND	0.0250	1	03/28/22	03/31/22	
p,m-Xylene	ND	0.0500	1	03/28/22	03/31/22	
Total Xylenes	ND	0.0250	1	03/28/22	03/31/22	
Surrogate: 4-Bromochlorobenzene-PID		97.2 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2214016
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	03/31/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.9 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2214030
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/22	03/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/22	03/31/22	
Surrogate: n-Nonane		89.5 %	50-200	03/29/22	03/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2214009
Chloride	ND	20.0	1	03/28/22	03/30/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 11:40:34AM

SB13 @ 0 E203160-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2214016
Benzene	ND	0.0250	1	03/28/22	03/31/22	
Ethylbenzene	0.317	0.0250	1	03/28/22	03/31/22	
Toluene	ND	0.0250	1	03/28/22	03/31/22	
o-Xylene	1.03	0.0250	1	03/28/22	03/31/22	
p,m-Xylene	2.24	0.0500	1	03/28/22	03/31/22	
Total Xylenes	3.26	0.0250	1	03/28/22	03/31/22	
Surrogate: 4-Bromochlorobenzene-PID		110 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2214016
Gasoline Range Organics (C6-C10)	65.0	20.0	1	03/28/22	03/31/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.7 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2214030
Diesel Range Organics (C10-C28)	7380	1250	50	03/29/22	03/31/22	
Oil Range Organics (C28-C36)	20900	2500	50	03/29/22	03/31/22	
Surrogate: n-Nonane		89.7 %	50-200	03/29/22	03/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2214009
Chloride	21000	400	20	03/28/22	03/30/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 11:40:34AM

SB13 @ 2 E203160-14

	E203100-14				
Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	alyst: IY		Batch: 2214016
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0500	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
	99.2 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	Ana	alyst: IY		Batch: 2214016
ND	20.0	1	03/28/22	03/31/22	
	93.9 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	Ana	alyst: JL		Batch: 2214030
ND	25.0	1	03/29/22	03/31/22	
ND	50.0	1	03/29/22	03/31/22	
	83.0 %	50-200	03/29/22	03/31/22	
mg/kg	mg/kg	Ana	alyst: KL		Batch: 2214009
255	20.0	1	03/28/22	03/30/22	
	mg/kg ND Mg/kg ND mg/kg	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0500 ND 0.0250 mg/kg mg/kg Mg/kg mg/kg ND 20.0 93.9 % mg/kg MD 25.0 ND 50.0 83.0 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg And ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 0.0250 1 99.2 % 70-130 70-130 mg/kg mg/kg And ND 20.0 1 93.9 % 70-130 70-130 mg/kg mg/kg And ND 25.0 1 ND 50.0 1 83.0 % 50-200 mg/kg Mg/kg And	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0500 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 mg/kg mg/kg Analyst: JL ND 25.0 1 03/29/22 ND 50.0 1 03/29/22 ND 50.0 1 03/29/22 83.0 % 50-200 03/29/22 mg/kg Mg/kg Analyst: KL	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0500 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 mg/kg mg/kg Analyst: IY ND 03/28/22 03/31/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 03/31/22 mg/kg mg/kg Analyst: JL ND 25.0 1 03/29/22 03/31/22 ND 25.0 1 03/29/22 03/31/22 ND 50.0 1 03/29/22 03/31/22 83.0 % 50-200 03/29/22 03/31

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 11:40:34AM

SB13 @ 4 E203160-15

		1205100 15				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2214016
Benzene	ND	0.0250	1	03/28/22	03/31/22	
Ethylbenzene	ND	0.0250	1	03/28/22	03/31/22	
Toluene	ND	0.0250	1	03/28/22	03/31/22	
o-Xylene	ND	0.0250	1	03/28/22	03/31/22	
p,m-Xylene	ND	0.0500	1	03/28/22	03/31/22	
Total Xylenes	ND	0.0250	1	03/28/22	03/31/22	
Surrogate: 4-Bromochlorobenzene-PID		96.9 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2214016
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	03/31/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2214030
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/22	03/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/22	03/31/22	
Surrogate: n-Nonane		81.8 %	50-200	03/29/22	03/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: KL		Batch: 2214009
Chloride	32.2	20.0	1	03/28/22	03/31/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 11:40:34AM

SB13 @ 6 E203160-16

		E203100-10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Result	Lillit	Dilution	Frepareu	Allalyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2214016
Benzene	ND	0.0250	1	03/28/22	03/31/22	
Ethylbenzene	ND	0.0250	1	03/28/22	03/31/22	
Toluene	ND	0.0250	1	03/28/22	03/31/22	
o-Xylene	ND	0.0250	1	03/28/22	03/31/22	
p,m-Xylene	ND	0.0500	1	03/28/22	03/31/22	
Total Xylenes	ND	0.0250	1	03/28/22	03/31/22	
Surrogate: 4-Bromochlorobenzene-PID		97.1 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2214016
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	03/31/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2214030
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/22	03/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/22	03/31/22	
Surrogate: n-Nonane		87.5 %	50-200	03/29/22	03/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2214009
Chloride	ND	20.0	1	03/28/22	03/31/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 11:40:34AM

SB14 @ 0 E203160-17

		E203100-17				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
. Ilm., ve	Tresurv	2			1 11111 / 201	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2214016
Benzene	ND	0.0250	1	03/28/22	03/31/22	
Ethylbenzene	ND	0.0250	1	03/28/22	03/31/22	
Toluene	ND	0.0250	1	03/28/22	03/31/22	
o-Xylene	ND	0.0250	1	03/28/22	03/31/22	
p,m-Xylene	ND	0.0500	1	03/28/22	03/31/22	
Total Xylenes	ND	0.0250	1	03/28/22	03/31/22	
Surrogate: 4-Bromochlorobenzene-PID		94.6 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2214016
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	03/31/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.0 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2214030
Diesel Range Organics (C10-C28)	529	25.0	1	03/29/22	03/31/22	
Oil Range Organics (C28-C36)	510	50.0	1	03/29/22	03/31/22	
Surrogate: n-Nonane		79.5 %	50-200	03/29/22	03/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2214009
Chloride	4480	40.0	2	03/28/22	03/31/22	·



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 11:40:34AM

SB14 @ 2 E203160-18

	E205100 10				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: IY		Batch: 2214016
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0500	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
	93.9 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2214016
ND	20.0	1	03/28/22	03/31/22	
	94.6 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2214030
ND	25.0	1	03/29/22	03/31/22	
ND	50.0	1	03/29/22	03/31/22	
	91.4 %	50-200	03/29/22	03/31/22	
mg/kg	mg/kg	Anal	yst: KL		Batch: 2214009
ND	20.0	1	03/28/22	03/31/22	
	mg/kg ND Mg/kg ND mg/kg	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0500 ND 0.0250 mg/kg mg/kg Mg/kg mg/kg ND 20.0 94.6 % mg/kg ND 25.0 ND 50.0 91.4 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 93.9 % 70-130 mg/kg mg/kg Anal ND 20.0 1 94.6 % 70-130 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 91.4 % 50-200 mg/kg Mg/kg Anal	Reporting Result Limit Dilution Prepared mg/kg Analyst: IY ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0500 1 03/28/22 ND 0.0250 1 03/28/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 mg/kg mg/kg Analyst: JL ND 25.0 1 03/29/22 ND 50.0 1 03/29/22 ND 50.0 1 03/29/22 Mg/kg Mg/kg Analyst: JL	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0500 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 mg/kg mg/kg Analyst: IV ND 20.0 1 03/28/22 03/31/22 mg/kg mg/kg Analyst: IV ND 20.0 1 03/28/22 03/31/22 mg/kg mg/kg Analyst: JL ND 25.0 1 03/29/22 03/31/22 ND 50.0 1 03/29/22 03/31/22 ND 50.0 1 03/29/22 03/31/22



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 11:40:34AM

SB14 @ 4 E203160-19

	1205100 17				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	Analyst: IY		Batch: 2214016
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0500	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
	94.2 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	Analy	yst: IY		Batch: 2214016
ND	20.0	1	03/28/22	03/31/22	
	93.6 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	Analy	yst: JL		Batch: 2214030
ND	25.0	1	03/29/22	03/31/22	
ND	50.0	1	03/29/22	03/31/22	
	86.6 %	50-200	03/29/22	03/31/22	
mg/kg	mg/kg	Anal	yst: KL		Batch: 2214009
32.4	20.0	1	03/28/22	03/31/22	
	mg/kg ND Mg/kg ND mg/kg	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0250 94.2 % mg/kg MD 20.0 93.6 % mg/kg ND 25.0 ND 50.0 86.6 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 94.2 % 70-130 mg/kg mg/kg Anal ND 20.0 1 93.6 % 70-130 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 86.6 % 50-200 mg/kg Mg/kg Anal	Reporting Result Limit Dilution Prepared mg/kg MS Analyst: IY ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0500 1 03/28/22 ND 0.0250 1 03/28/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 mg/kg mg/kg Analyst: JL ND 25.0 1 03/29/22 ND 50.0 1 03/29/22 ND 50.0 1 03/29/22 Mg/kg Mg/kg Analyst: JL	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0500 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 mg/kg mg/kg Analyst: IV ND 20.0 1 03/28/22 03/31/22 mg/kg mg/kg Analyst: IV ND 20.0 1 03/28/22 03/31/22 mg/kg mg/kg Analyst: JL ND 25.0 1 03/29/22 03/31/22 ND 50.0 1 03/29/22 03/31/22 ND 50.0 1 03/29/22 03/31/22



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 11:40:34AM

SB15 @ 0 E203160-20

	E205100 20				
Result	Reporting Limit		Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	Analyst: IY		Batch: 2214016
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0500	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
	94.8 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	Ana	lyst: IY		Batch: 2214016
ND	20.0	1	03/28/22	03/31/22	
	93.2 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	Ana	lyst: JL		Batch: 2214030
461	25.0	1	03/29/22	03/31/22	
357	50.0	1	03/29/22	03/31/22	
	89.5 %	50-200	03/29/22	03/31/22	
mg/kg	mg/kg	Ana	lyst: KL		Batch: 2214009
807	20.0	1	03/28/22	03/31/22	
	mg/kg ND ND ND ND ND ND ND ND The state of t	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 94.8 % mg/kg MD 20.0 93.2 % mg/kg mg/kg mg/kg 461 25.0 357 50.0 89.5 % mg/kg mg/kg mg/kg	mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 94.8 % 70-130 mg/kg mg/kg Ana ND 20.0 1 93.2 % 70-130 1 mg/kg mg/kg Ana 461 25.0 1 357 50.0 1 89.5 % 50-200 mg/kg mg/kg Ana	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0500 1 03/28/22 ND 0.0250 1 03/28/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 mg/kg mg/kg Analyst: JL 461 25.0 1 03/29/22 357 50.0 1 03/29/22 mg/kg mg/kg Analyst: JL	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0500 1 03/28/22 03/31/22 ND 0.0500 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 03/31/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 03/31/22 mg/kg mg/kg Analyst: JL 461 25.0 1 03/29/22 03/31/22 89.5 % 50-200 03/29/22 03/31/22 03/31/22 mg/kg mg/kg Analyst: KL 03/31/22



Tomb Raider Souder Miller Associates - Carlsbad Project Name: Reported: 201 S Halagueno St. Project Number: 01058-0007 Carlsbad NM, 88220 Project Manager: Ashley Maxwell 4/1/2022 11:40:34AM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2214016-BLK1) Prepared: 03/28/22 Analyzed: 03/31/22 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.46 8.00 93.2 70-130 LCS (2214016-BS1) Prepared: 03/28/22 Analyzed: 03/31/22 4.72 94.5 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.86 0.0250 5.00 97.2 70-130 5.11 0.0250 5.00 102 70-130 Toluene 95.9 o-Xylene 4.80 0.0250 5.00 70-130 9.86 10.0 98.6 70-130 0.0500 p.m-Xvlene 97.7 70-130 14.7 15.0 Total Xylenes 0.0250 8.00 91.7 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.34 Matrix Spike (2214016-MS1) Source: E203160-04 Prepared: 03/28/22 Analyzed: 03/31/22 4.94 0.0250 5.00 ND 54-133 Benzene ND 102 61-133 Ethylbenzene 5.09 0.0250 5.00 Toluene 5.35 0.0250 5.00 ND 107 61-130 5.03 ND 101 63-131 5.00 0.0250 o-Xylene p,m-Xylene 10.3 0.0500 10.0 ND 103 63-131 15.4 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.45 8.00 Matrix Spike Dup (2214016-MSD1) Source: E203160-04 Prepared: 03/28/22 Analyzed: 03/31/22 4.82 0.0250 5.00 ND 54-133 2.53 20 4.97 61-133 2.27 0.0250 5.00 ND 99.5 20 Ethylbenzene 61-130 Toluene 5.21 0.0250 5.00 ND 104 2.61 20 4.92 5.00 ND 98.3 63-131 2.31 20 o-Xylene 0.0250 10.1 10.0 ND 101 63-131 2.34 20 p,m-Xylene 0.0500



15.0

7.28

0.0250

15.0

8.00

ND

100

91.0

63-131

70-130

2.33

20

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	Reported:
201 S Halagueno St.	Project Number:	01058-0007	•
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 11:40:34AM

Carlsbad NM, 88220		Project Manage	r: As	hley Maxwel	11			4/1	/2022 11:40:34AM
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO			Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2214016-BLK1)							Prepared: 0	3/28/22 Anal	yzed: 03/31/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.50		8.00		93.7	70-130			
LCS (2214016-BS2)							Prepared: 0	3/28/22 Anal	yzed: 03/31/22
Gasoline Range Organics (C6-C10)	44.6	20.0	50.0		89.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.04		8.00		101	70-130			
Matrix Spike (2214016-MS2)				Source:	E203160-	04	Prepared: 0	3/28/22 Anal	yzed: 03/31/22
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0	ND	99.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.48		8.00		106	70-130			
Matrix Spike Dup (2214016-MSD2)				Source:	E203160-	04	Prepared: 0	3/28/22 Anal	yzed: 03/31/22
Gasoline Range Organics (C6-C10)	51.0	20.0	50.0	ND	102	70-130	3.02	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.71		8.00		109	70-130			



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	Reported:
201 S Halagueno St.	Project Number:	01058-0007	•
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 11:40:34AM

Carlsbad NM, 88220		Project Manage	r: As	shley Maxwel	l				4/1/2022 11:40:34AM
	Nonha	logenated Or	ganics by	EPA 8015D	- DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2214030-BLK1)							Prepared: 0	3/29/22 A	analyzed: 03/30/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	37.3		50.0		74.6	50-200			
LCS (2214030-BS1)							Prepared: 0	3/29/22 A	analyzed: 03/30/22
Diesel Range Organics (C10-C28)	469	25.0	500		93.8	38-132			
Surrogate: n-Nonane	38.0		50.0		76.0	50-200			
Matrix Spike (2214030-MS1)				Source:	E203160-1	11	Prepared: 0	3/29/22 A	analyzed: 03/30/22
Diesel Range Organics (C10-C28)	483	25.0	500	ND	96.6	38-132			
Surrogate: n-Nonane	27.6		50.0		55.1	50-200			
Matrix Spike Dup (2214030-MSD1)				Source:	E203160-1	11	Prepared: 0	3/29/22 A	analyzed: 03/30/22
Diesel Range Organics (C10-C28)	488	25.0	500	ND	97.6	38-132	1.08	20	
Surrogate: n-Nonane	41.4		50.0		82.7	50-200			



Souder Miller Associates - Carlsbad		Project Name:		omb Raider					Reported:	
201 S Halagueno St. Carlsbad NM, 88220		Project Number: Project Manager:		1058-0007 shley Maxwell					4/1/2022 11:40:34AM	
	Analyst: KL									
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2214009-BLK1)							Prepared: 0	3/28/22	Analyzed: 03/30/22	
Chloride	ND	20.0								
LCS (2214009-BS1)							Prepared: 0	3/28/22	Analyzed: 03/30/22	
Chloride	260	20.0	250		104	90-110				
Matrix Spike (2214009-MS1)				Source: I	E 203160- ()1	Prepared: 0	3/28/22	Analyzed: 03/30/22	
Chloride	572	20.0	250	316	102	80-120				
Matrix Spike Dup (2214009-MSD1)				Source: I	E 203160- ()1	Prepared: 03	3/28/22	Analyzed: 03/30/22	
Chloride	540	20.0	250	316	89.8	80-120	5.68	20		

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

ſ	Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
l	201 S Halagueno St.	Project Number:	01058-0007	Reported:
١	Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	04/01/22 11:40

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

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DWA	-	
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Received by OCD: 4/25/2023 12:52:09 PM

Client: 8	MA				○ Bill To	-			La	b Us	e On	ly	1	TA	T	E	PA Progr	am
Project:	Tow	bland	ur		Attention: BEVON		Lab	WO#			Job	Numb		1D		RCRA	CWA	SDWA
Project N	1anager:	shler	Max	well	Address:								7000					
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Time	Date	Matrix	No	Sample ID	1,4-1	Lab	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC - NM	X1 - 200		Rei	marks
Sampled	Sampled	Ing.	Containers	Sumple 15		Number	ã	GR	BTI	0	2	3		BG	861			
1129	3/23	501/	1	5809	O 0	1								X				
1131	3/23	5011	1	5800	902	2								X				(
1135	3/23	5011	1	SBO	124	3								X				
1140	3/23	soil	1	SBIG	000	4								X				
1145	3/23	5011	1	581	0 9 5	5								X				
1150	3/23	soil	1	SBI	0 0 4	6								X				
1152	3/23	5011	1	531	00	7								X				
1158	3/23	501/	1	5811	ಎ೭	8								X				
1203	3/23	5011	1	531	10 4	9								X				
1240	3/23	5011	1	5B1	2 20	10								X				
Addition	nal Instru	ctions:																
Agriculture and the				this sample. I am awar s for legal action. Samp	e that tampering with or intentionally mislabelling the same	iplé location, date or											he day they are on subsequent d	
1	gd by: (Sign	M	36	34/22 Time	20 Reger leglow (lighature)	1 3/24/6	22	1/6	2	6	Rec	eived	on ice:		ab U	se Only		
11	red by: (Sign	lay	3/	24/22/16	Refered by: (Signature)		122		13	30	T1			<u>T2</u>			<u>T3</u>	
Relinquist	ned by: (Sign	nature) (Dafte	Time	Received by: (Signature)	Date		Time			AVO	G Tem	p°C	4				
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Project N				11	Address:			20 WO#					400	10	30	NCNA	CVVA	SUWA
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Time Sampled	Sampled	Matrix	No Containers	Sample ID		Number	DRO/ORO by 8015	GRO/DRO hy 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC - NM	верос		Ren	narks
1249	3/23	5011	1	5B12a	2	11								X				
1251	3/23	5011	1	5812	24	12								X				
1256	3/23	5011	1	58130	D 0	13								X			-	
1300	3/23	5011	1	5013	W 2	14		7						X				
1305	3/23	5011	1	51313	24	15								X				
1307	3/23	5011	1	5813	26	16								X				
1310	3/23	5011	1	SBIL	ವಿಠ	17								X				
1315	3/23	5011	1	581	402	18								X				
1320	3/23	5011	1	5814	124	19								X				
1324	3/23	5011	1	SBIS	500	20								X				
Addition	nal Instru	tions:																
areas and the				this sample. Lam aware t	that tampering with or intentionally mislabelling the sample toy:	location, date or					1000						the day they are so on subsequent da	
	ned by: (Sign	7	Date 2/2	Time I.	26 Recaived by: (glichature) ly	3/24/s	22	Time		6	Rec	eived (on ice:		ab U	se Only		
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Relinquist	ned by: (Sign	nature)	Date	Time	Received by: (Signature)	Date		Time				G Temp	o °C	4		-		
Samale Ma	atrix: S - Soil .	d - Solid, Se -	Sludge, A - J	Aqueous, O - Other		Containe	r Typ	D. D .	alass	n - n				or ela	ss v.	- VOA		_

envirotech

envirotech Inc.

Printed: 3/25/2022 12:13:44PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Souder Miller Associates - Carlsbad	Date Received:	03/25/22 08	8:30	Work O	der ID:	E203160
Phone:	(505) 325-7535	Date Logged In:	03/25/22 09	9:27	Logged	In By:	Caitlin Christian
Email:		Due Date:		7:00 (4 day TAT)	60	•	
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location mate	h the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	<u>arrier</u>		
	e COC complete, i.e., signatures, dates/times, requeste	ed analyses?	Yes				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in tie, 15 minute hold time, are not included in this disucssion.		Yes		<u>C</u>	omment	ts/Resolution
Sample T	Curn Around Time (TAT)						
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Project has been	sepera	ted into 4 reports
Sample C	<u>Cooler</u>				due to amount of	sampl	es. Workorders are
7. Was a	sample cooler received?		Yes		as follows:		
8. If yes,	was cooler received in good condition?		Yes		E203158 COC Pa	ige 1 8	& 2 of 8. E203159
9. Was th	e sample(s) received intact, i.e., not broken?		No			-	E203160 COC page
10. Were	custody/security seals present?		No		1 0		1 0
11. If yes	, were custody/security seals intact?		NA		5 & 6 of 8. E203	161 CC	OC page 7 & 8 of 8.
	e sample received on ice? If yes, the recorded temp is 4°C, i. Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample to	received w/i 15	Yes				
	Container	<u></u>	_				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers?		Yes				
	appropriate volume/weight or number of sample containe	ers collected?	Yes				
Field Lal	<u>oel</u>						
20. Were	field sample labels filled out with the minimum infor	mation:					
	ample ID?		Yes				
	ate/Time Collected?		Yes	•			
	ollectors name?		No				
	<u>Preservation</u> the COC or field labels indicate the samples were pre	samzad?	No				
	ample(s) correctly preserved?	serveu?	NA NA				
	filteration required and/or requested for dissolved me	etals?	No				
		· MID i	110				
	see Sample Matrix	.ก	3.7				
	the sample have more than one phase, i.e., multiphase		No				
	, does the COC specify which phase(s) is to be analyz	sed?	NA				
	act Laboratory						
	amples required to get sent to a subcontract laboratory		No				
29. Was a	subcontract laboratory specified by the client and if	so who?	NA	Subcontract Lab	: na		
Client II	<u>nstruction</u>						
							()

Date

Signature of client authorizing changes to the COC or sample disposition.

Report to:
Ashley Maxwell



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





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Practical Solutions for a Better Tomorrow

Analytical Report

Souder Miller Associates - Carlsbad

Project Name: Tomb Raider

Work Order: E203161

Job Number: 01058-0007

Received: 3/25/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/1/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 4/1/22

Ashley Maxwell 201 S Halagueno St. Carlsbad, NM 88220

Project Name: Tomb Raider

Workorder: E203161

Date Received: 3/25/2022 8:30:00AM

Ashley Maxwell,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/25/2022 8:30:00AM, under the Project Name: Tomb Raider.

The analytical test results summarized in this report with the Project Name: Tomb Raider apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

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labadmin@envirotech-inc.com

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West Texas Midland/Odessa Area

Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com



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Sample Summary

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	Reported:
201 S Halagueno St.	Project Number:	01058-0007	Keporteu:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	04/01/22 16:53

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SB15 @ 2	E203161-01A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB15 @ 4	E203161-02A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB16 @ 0	E203161-03A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB16 @ 2	E203161-04A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB16 @ 4	E203161-05A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB17 @ 0	E203161-06A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB17 @ 2	E203161-07A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB17 @ 4	E203161-08A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB18 @ 0	E203161-09A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB18 @ 2	E203161-10A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB18 @ 4	E203161-11A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB19 @ 0	E203161-12A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB19 @ 2	E203161-13A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB19 @ 4	E203161-14A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB20 @ 0	E203161-15A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB20 @ 2	E203161-16A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB20 @ 4	E203161-17A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB21 @ 0	E203161-18A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB21 @ 2	E203161-19A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.
SB21 @ 4	E203161-20A	Soil	03/23/22	03/25/22	Glass Jar, 4 oz.



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:53:34PM

SB15 @ 2 E203161-01

	E203101-01				
Result	Reporting Limit		n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	alyst: IY		Batch: 2214017
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0500	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
	102 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	An	alyst: IY		Batch: 2214017
ND	20.0	1	03/28/22	03/31/22	
	92.5 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	An	alyst: JL		Batch: 2214031
ND	25.0	1	03/29/22	03/30/22	
ND	50.0	1	03/29/22	03/30/22	
	86.4 %	50-200	03/29/22	03/30/22	
mg/kg	mg/kg	An	alyst: KL		Batch: 2214008
ND	20.0	1	03/28/22	03/30/22	
	mg/kg ND Mg/kg ND mg/kg	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 mg/kg mg/kg MD 20.0 92.5 % mg/kg ND 25.0 ND 50.0 86.4 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg And ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 MD 20.0250 1 Mg/kg mg/kg And MD 20.0 1 Mg/kg mg/kg And ND 25.0 1 ND 50.0 1 86.4 % 50-200 mg/kg mg/kg And	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0500 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 mg/kg mg/kg Analyst: JL ND 25.0 1 03/29/22 ND 50.0 1 03/29/22 ND 50.0 1 03/29/22 MD 50.0 1 03/29/22 mg/kg mg/kg Analyst: JL	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0500 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 03/31/22 mg/kg mg/kg Analyst: IV ND 25.0 1 03/28/22 03/31/22 ND 25.0 1 03/29/22 03/30/22 ND 50.0 1 03/29/22 03/30/22 ND 50.0 1 03/29/22 03/30/22 ND 50.0 1 03/29/22

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:53:34PM

SB15 @ 4 E203161-02

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	yst: IY		Batch: 2214017
ND	0.0250	1	03/28/22	04/01/22	
ND	0.0250	1	03/28/22	04/01/22	
ND	0.0250	1	03/28/22	04/01/22	
ND	0.0250	1	03/28/22	04/01/22	
ND	0.0500	1	03/28/22	04/01/22	
ND	0.0250	1	03/28/22	04/01/22	
	105 %	70-130	03/28/22	04/01/22	
mg/kg	mg/kg	Analy	yst: IY		Batch: 2214017
ND	20.0	1	03/28/22	04/01/22	
	92.1 %	70-130	03/28/22	04/01/22	
mg/kg	mg/kg	Analy	yst: JL		Batch: 2214031
ND	25.0	1	03/29/22	03/30/22	
ND	50.0	1	03/29/22	03/30/22	
	83.3 %	50-200	03/29/22	03/30/22	
mg/kg	mg/kg	Analy	yst: KL		Batch: 2214008
ND	20.0	1	03/28/22	03/30/22	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 MD 20.0 92.1 % mg/kg ND 25.0 ND 50.0 83.3 % mg/kg mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.0250 1 MB/kg mg/kg Analy ND 20.0 1 MB/kg mg/kg Analy ND 25.0 1 ND 50.0 1 83.3 % 50-200 mg/kg mg/kg Analy	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0500 1 03/28/22 ND 0.0250 1 03/28/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 mg/kg mg/kg Analyst: JL ND 25.0 1 03/29/22 ND 50.0 1 03/29/22 ND 50.0 1 03/29/22 Mg/kg mg/kg Analyst: JL	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 04/01/22 ND 0.0250 1 03/28/22 04/01/22 ND 0.0250 1 03/28/22 04/01/22 ND 0.0500 1 03/28/22 04/01/22 ND 0.0250 1 03/28/22 04/01/22 ND 0.0250 1 03/28/22 04/01/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 04/01/22 mg/kg mg/kg Analyst: IY ND 25.0 1 03/28/22 04/01/22 mg/kg mg/kg Analyst: JL ND 25.0 1 03/29/22 03/30/22 ND 25.0 1 03/29/22 03/30/22 ND 50.0 1 03/29/22 03/30/22 ND 50.0 1 03/29/22



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:53:34PM

SB16 @ 0 E203161-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2214017
Benzene	ND	0.0250	1	03/28/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/28/22	04/01/22	
Toluene	ND	0.0250	1	03/28/22	04/01/22	
o-Xylene	ND	0.0250	1	03/28/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/28/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/28/22	04/01/22	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	03/28/22	04/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2214017
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	04/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.1 %	70-130	03/28/22	04/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2214031
Diesel Range Organics (C10-C28)	57.9	25.0	1	03/29/22	03/30/22	
Oil Range Organics (C28-C36)	50.8	50.0	1	03/29/22	03/30/22	
Surrogate: n-Nonane		79.7 %	50-200	03/29/22	03/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2214008
Chloride	171	20.0	1	03/28/22	03/30/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:53:34PM

SB16 @ 2 E203161-04

		E205101 04				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2214017
Benzene	ND	0.0250	1	03/28/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/28/22	04/01/22	
Toluene	ND	0.0250	1	03/28/22	04/01/22	
o-Xylene	ND	0.0250	1	03/28/22	04/01/22	
o,m-Xylene	ND	0.0500	1	03/28/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/28/22	04/01/22	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	03/28/22	04/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2214017
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	04/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	03/28/22	04/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2214031
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/22	03/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/22	03/30/22	
Surrogate: n-Nonane		85.7 %	50-200	03/29/22	03/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2214008
Chloride	ND	20.0	1	03/28/22	03/30/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:53:34PM

SB16 @ 4 E203161-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2214017
Benzene	ND	0.0250	1	03/28/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/28/22	04/01/22	
Toluene	ND	0.0250	1	03/28/22	04/01/22	
o-Xylene	ND	0.0250	1	03/28/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/28/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/28/22	04/01/22	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	03/28/22	04/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2214017
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	04/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.6 %	70-130	03/28/22	04/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2214031
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/22	03/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/22	03/31/22	
Surrogate: n-Nonane		92.7 %	50-200	03/29/22	03/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: KL		Batch: 2214008
Chloride	ND	20.0	1	03/28/22	03/30/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:53:34PM

SB17 @ 0 E203161-06

		E203101-00				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
Analyte	Resuit	Limit	Dilution	n Frepared	Allalyzeu	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2214017
Benzene	ND	0.0250	1	03/28/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/28/22	04/01/22	
Toluene	ND	0.0250	1	03/28/22	04/01/22	
o-Xylene	ND	0.0250	1	03/28/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/28/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/28/22	04/01/22	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	03/28/22	04/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2214017
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	04/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.7 %	70-130	03/28/22	04/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2214031
Diesel Range Organics (C10-C28)	657	25.0	1	03/29/22	03/31/22	
Oil Range Organics (C28-C36)	506	50.0	1	03/29/22	03/31/22	
Surrogate: n-Nonane		85.3 %	50-200	03/29/22	03/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2214008
Chloride	350	20.0	1	03/28/22	03/30/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:53:34PM

SB17 @ 2 E203161-07

	1205101 07				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: IY		Batch: 2214017
ND	0.0250	1	03/28/22	04/01/22	
ND	0.0250	1	03/28/22	04/01/22	
ND	0.0250	1	03/28/22	04/01/22	
ND	0.0250	1	03/28/22	04/01/22	
ND	0.0500	1	03/28/22	04/01/22	
ND	0.0250	1	03/28/22	04/01/22	
	105 %	70-130	03/28/22	04/01/22	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2214017
ND	20.0	1	03/28/22	04/01/22	
	92.1 %	70-130	03/28/22	04/01/22	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2214031
ND	25.0	1	03/29/22	03/31/22	
ND	50.0	1	03/29/22	03/31/22	
	86.4 %	50-200	03/29/22	03/31/22	
mg/kg	mg/kg	Anal	yst: KL		Batch: 2214008
ND	20.0	1	03/28/22	03/30/22	
	mg/kg ND Mg/kg ND mg/kg	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 0.0250 MD 20.0250 MB/kg mg/kg MB/kg mg/kg ND 25.0 ND 50.0 86.4 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 MD 0.0250 1 Mg/kg mg/kg Anal ND 20.0 1 92.1 % 70-130 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 86.4 % 50-200 mg/kg Mg/kg Anal	Reporting Result Limit Dilution Prepared mg/kg MS Analyst: IY ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0500 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 mg/kg Mg/kg Analyst: IY ND 20.0 1 03/28/22 mg/kg Mg/kg Analyst: JL ND 25.0 1 03/29/22 ND 50.0 1 03/29/22 ND 50.0 1 03/29/22 Mg/kg Mg/kg Analyst: JL	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 04/01/22 ND 0.0250 1 03/28/22 04/01/22 ND 0.0250 1 03/28/22 04/01/22 ND 0.0500 1 03/28/22 04/01/22 ND 0.0250 1 03/28/22 04/01/22 ND 0.0250 1 03/28/22 04/01/22 mg/kg mg/kg Analyst: IV ND 20.0 1 03/28/22 04/01/22 mg/kg mg/kg Analyst: IV ND 20.0 1 03/28/22 04/01/22 mg/kg mg/kg Analyst: JL ND 25.0 1 03/29/22 03/31/22 ND 50.0 1 03/29/22 03/31/22 ND 50.0 1 03/29/22 03/31/22



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:53:34PM

SB17 @ 4 E203161-08

	L205101 00				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: IY		Batch: 2214017
ND	0.0250	1	03/28/22	04/01/22	
ND	0.0250	1	03/28/22	04/01/22	
ND	0.0250	1	03/28/22	04/01/22	
ND	0.0250	1	03/28/22	04/01/22	
ND	0.0500	1	03/28/22	04/01/22	
ND	0.0250	1	03/28/22	04/01/22	
	104 %	70-130	03/28/22	04/01/22	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2214017
ND	20.0	1	03/28/22	04/01/22	
	92.8 %	70-130	03/28/22	04/01/22	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2214031
ND	25.0	1	03/29/22	03/31/22	
ND	50.0	1	03/29/22	03/31/22	
	88.5 %	50-200	03/29/22	03/31/22	
mg/kg	mg/kg	Anal	yst: KL		Batch: 2214008
ND	20.0	1	03/28/22	03/30/22	
	mg/kg ND Mg/kg ND mg/kg	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 ND 0.0250 ND 20.0 92.8 % mg/kg ND 25.0 ND 50.0 88.5 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 MD 0.0250 1 Mg/kg mg/kg Anal ND 20.0 1 92.8 % 70-130 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 88.5 % 50-200 mg/kg Mg/kg Anal	Reporting Result Limit Dilution Prepared mg/kg Manalyst: IY ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0500 1 03/28/22 ND 0.0250 1 03/28/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 mg/kg mg/kg Analyst: JL ND 25.0 1 03/29/22 ND 50.0 1 03/29/22 ND 50.0 1 03/29/22 Mg/kg Mg/kg Analyst: JL	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 04/01/22 ND 0.0250 1 03/28/22 04/01/22 ND 0.0250 1 03/28/22 04/01/22 ND 0.0500 1 03/28/22 04/01/22 ND 0.0250 1 03/28/22 04/01/22 ND 0.0250 1 03/28/22 04/01/22 mg/kg mg/kg Analyst: IV ND 03/28/22 04/01/22 mg/kg mg/kg Analyst: IV ND 03/28/22 04/01/22 mg/kg mg/kg Analyst: JL ND 25.0 1 03/29/22 03/31/22 ND 25.0 1 03/29/22 03/31/22 ND 50.0 1 03/29/22 03/31/22 ND 50.0 1 03/29/22 03/31/22



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:53:34PM

SB18 @ 0 E203161-09

		E203101-09				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
. I.m., ve					111111,200	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2214017
Benzene	ND	0.0250	1	03/28/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/28/22	04/01/22	
Toluene	ND	0.0250	1	03/28/22	04/01/22	
o-Xylene	ND	0.0250	1	03/28/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/28/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/28/22	04/01/22	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	03/28/22	04/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2214017
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	04/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.0 %	70-130	03/28/22	04/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2214031
Diesel Range Organics (C10-C28)	520	25.0	1	03/29/22	03/31/22	
Oil Range Organics (C28-C36)	425	50.0	1	03/29/22	03/31/22	
Surrogate: n-Nonane		86.3 %	50-200	03/29/22	03/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2214008
Chloride	351	20.0	1	03/28/22	03/30/22	·



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:53:34PM

SB18 @ 2 E203161-10

	E205101 10				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: IY		Batch: 2214017
ND	0.0250	1	03/28/22	04/01/22	
ND	0.0250	1	03/28/22	04/01/22	
ND	0.0250	1	03/28/22	04/01/22	
ND	0.0250	1	03/28/22	04/01/22	
ND	0.0500	1	03/28/22	04/01/22	
ND	0.0250	1	03/28/22	04/01/22	
	103 %	70-130	03/28/22	04/01/22	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2214017
ND	20.0	1	03/28/22	04/01/22	
	94.2 %	70-130	03/28/22	04/01/22	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2214031
ND	25.0	1	03/29/22	03/31/22	
ND	50.0	1	03/29/22	03/31/22	
	84.2 %	50-200	03/29/22	03/31/22	
mg/kg	mg/kg	Anal	yst: KL		Batch: 2214008
ND	20.0	1	03/28/22	03/30/22	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 20.0250 MD 20.0 94.2 % mg/kg ND 25.0 ND 50.0 84.2 % mg/kg mg/kg mg/kg	mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.0250 1 MD 20.0 1 94.2 % 70-130 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 84.2 % 50-200 mg/kg mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0500 1 03/28/22 ND 0.0250 1 03/28/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 mg/kg mg/kg Analyst: JL ND 25.0 1 03/29/22 ND 50.0 1 03/29/22 ND 50.0 1 03/29/22 Mg/kg Mg/kg Analyst: JL	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 04/01/22 ND 0.0250 1 03/28/22 04/01/22 ND 0.0250 1 03/28/22 04/01/22 ND 0.0500 1 03/28/22 04/01/22 ND 0.0250 1 03/28/22 04/01/22 ND 0.0250 1 03/28/22 04/01/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 04/01/22 mg/kg mg/kg Analyst: IV 03/28/22 04/01/22 mg/kg mg/kg Analyst: JL ND 25.0 1 03/29/22 03/31/22 ND 25.0 1 03/29/22 03/31/22 03/31/22 ND 50.0 1 03/29/22 03/31/22 ND 50.0 1 03/29/22 03/31/22



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:53:34PM

SB18 @ 4 E203161-11

		E203101-11				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
Allaryte	Result	Ellilit	Dilution	1 Trepared	Allaryzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2214017
Benzene	ND	0.0250	1	03/28/22	03/31/22	
Ethylbenzene	ND	0.0250	1	03/28/22	03/31/22	
Toluene	ND	0.0250	1	03/28/22	03/31/22	
o-Xylene	ND	0.0250	1	03/28/22	03/31/22	
p,m-Xylene	ND	0.0500	1	03/28/22	03/31/22	
Total Xylenes	ND	0.0250	1	03/28/22	03/31/22	
Surrogate: 4-Bromochlorobenzene-PID		87.8 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2214017
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	03/31/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		100 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2214031
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/22	03/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/22	03/31/22	
Surrogate: n-Nonane		85.3 %	50-200	03/29/22	03/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2214008
Chloride	ND	20.0	1	03/28/22	03/30/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:53:34PM

SB19 @ 0

E203161-12						
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	Analyst: IY		Batch: 2214017
Benzene	ND	0.0250	1	03/28/22	03/31/22	
Ethylbenzene	ND	0.0250	1	03/28/22	03/31/22	
Toluene	ND	0.0250	1	03/28/22	03/31/22	
o-Xylene	ND	0.0250	1	03/28/22	03/31/22	
p,m-Xylene	ND	0.0500	1	03/28/22	03/31/22	
Total Xylenes	ND	0.0250	1	03/28/22	03/31/22	
Surrogate: 4-Bromochlorobenzene-PID		90.5 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2214017	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	03/31/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		100 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2214031
Diesel Range Organics (C10-C28)	91.4	25.0	1	03/29/22	03/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/22	03/31/22	
Surrogate: n-Nonane		76.6 %	50-200	03/29/22	03/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2214008
Chloride	139	20.0	1	03/28/22	03/30/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:53:34PM

SB19 @ 2 E203161-13

	E205101 15				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: IY		Batch: 2214017
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0500	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
	92.7 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2214017
ND	20.0	1	03/28/22	03/31/22	
	100 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2214031
ND	25.0	1	03/29/22	03/31/22	
ND	50.0	1	03/29/22	03/31/22	
	83.9 %	50-200	03/29/22	03/31/22	
mg/kg	mg/kg	Anal	yst: KL		Batch: 2214008
ND	20.0	1	03/28/22	03/30/22	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 MD 20.0 100 % mg/kg MD 25.0 ND 50.0 83.9 % mg/kg mg/kg mg/kg	mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 92.7 % 70-130 mg/kg mg/kg Anal ND 20.0 1 100 % 70-130 1 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 83.9 % 50-200 mg/kg mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0500 1 03/28/22 ND 0.0250 1 03/28/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 mg/kg mg/kg Analyst: JL ND 25.0 1 03/29/22 ND 50.0 1 03/29/22 ND 50.0 1 03/29/22 Mg/kg Mg/kg Analyst: JL	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0500 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 03/31/22 mg/kg mg/kg Analyst: IV ND 25.0 1 03/28/22 03/31/22 ND 25.0 1 03/29/22 03/31/22 03/31/22 ND 50.0 1 03/29/22 03/31/22 ND 50.0 1 03/29/22 03/31/22 ND 50.0 1 03/29/22 03/31/22



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:53:34PM

SB19 @ 4 E203161-14

		E203101-14				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
· many to	resur			1	111111111111111111111111111111111111111	11000
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2214017
Benzene	ND	0.0250	1	03/28/22	03/31/22	
Ethylbenzene	ND	0.0250	1	03/28/22	03/31/22	
Toluene	ND	0.0250	1	03/28/22	03/31/22	
o-Xylene	ND	0.0250	1	03/28/22	03/31/22	
p,m-Xylene	ND	0.0500	1	03/28/22	03/31/22	
Total Xylenes	ND	0.0250	1	03/28/22	03/31/22	
Surrogate: 4-Bromochlorobenzene-PID		94.3 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2214017
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	03/31/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.5 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2214031
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/22	03/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/22	03/31/22	
Surrogate: n-Nonane		89.3 %	50-200	03/29/22	03/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2214008
Chloride	ND	20.0	1	03/28/22	03/30/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:53:34PM

SB20 @ 0

E203161-15						
Reporting						
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2214017
Benzene	ND	0.0250	1	03/28/22	03/31/22	
Ethylbenzene	ND	0.0250	1	03/28/22	03/31/22	
Toluene	ND	0.0250	1	03/28/22	03/31/22	
o-Xylene	ND	0.0250	1	03/28/22	03/31/22	
p,m-Xylene	ND	0.0500	1	03/28/22	03/31/22	
Total Xylenes	ND	0.0250	1	03/28/22	03/31/22	
Surrogate: 4-Bromochlorobenzene-PID		93.1 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2214017
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	03/31/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.5 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: JL		Batch: 2214031
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/22	03/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/22	03/31/22	
Surrogate: n-Nonane		82.3 %	50-200	03/29/22	03/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: KL		Batch: 2214008
Chloride	36.7	20.0	1	03/28/22	03/30/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:53:34PM

SB20 @ 2 E203161-16

		E203101-10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Result	Lillit	Dilution	Frepareu	Allalyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2214017
Benzene	ND	0.0250	1	03/28/22	03/31/22	
Ethylbenzene	ND	0.0250	1	03/28/22	03/31/22	
Toluene	ND	0.0250	1	03/28/22	03/31/22	
o-Xylene	ND	0.0250	1	03/28/22	03/31/22	
p,m-Xylene	ND	0.0500	1	03/28/22	03/31/22	
Total Xylenes	ND	0.0250	1	03/28/22	03/31/22	
Surrogate: 4-Bromochlorobenzene-PID		94.3 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2214017
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	03/31/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.4 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: JL		Batch: 2214031
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/22	03/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/22	03/31/22	
Surrogate: n-Nonane		95.4 %	50-200	03/29/22	03/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: KL		Batch: 2214008
Chloride	ND	20.0	1	03/28/22	03/30/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:53:34PM

SB20 @ 4 E203161-17

	E203101-17				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: IY		Batch: 2214017
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0500	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
	95.3 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	Analyst: IY			Batch: 2214017
ND	20.0	1	03/28/22	03/31/22	
	96.5 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	Ana	lyst: JL		Batch: 2214031
ND	25.0	1	03/29/22	03/31/22	
ND	50.0	1	03/29/22	03/31/22	
	95.9 %	50-200	03/29/22	03/31/22	
mg/kg	mg/kg	Ana	llyst: KL		Batch: 2214008
ND	20.0	1	03/28/22	03/30/22	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 95.3 % mg/kg Mg/kg mg/kg ND 20.0 96.5 % mg/kg ND 25.0 ND 50.0 95.9 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 95.3 % 70-130 70-130 mg/kg mg/kg Ana ND 20.0 1 Mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 95.9 % 50-200 mg/kg mg/kg Ana	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0500 1 03/28/22 ND 0.0250 1 03/28/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 mg/kg mg/kg Analyst: JL ND 25.0 1 03/29/22 ND 50.0 1 03/29/22 ND 50.0 1 03/29/22 ND 50.0 1 03/29/22 mg/kg mg/kg Analyst: JL	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 03/31/22 ND 0.0500 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 03/31/22 mg/kg mg/kg Analyst: IY ND 25.0 1 03/28/22 03/31/22 ND 25.0 1 03/29/22 03/31/22 03/31/22 ND 50.0 1 03/29/22 03/31/22 ND 50.0 1 03/29/22 03/31/22 ND 50.0 0 03/29/2



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:53:34PM

SB21 @ 0 E203161-18

		E203101-18				
Austra	Result	Reporting Limit	Dilution	Dogwood	A	Notes
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2214017
Benzene	ND	0.0250	1	03/28/22	03/31/22	
Ethylbenzene	ND	0.0250	1	03/28/22	03/31/22	
Toluene	ND	0.0250	1	03/28/22	03/31/22	
o-Xylene	ND	0.0250	1	03/28/22	03/31/22	
p,m-Xylene	ND	0.0500	1	03/28/22	03/31/22	
Total Xylenes	ND	0.0250	1	03/28/22	03/31/22	
Surrogate: 4-Bromochlorobenzene-PID		94.4 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2214017
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	03/31/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.0 %	70-130	03/28/22	03/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2214031
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/22	03/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/22	03/31/22	
Surrogate: n-Nonane		87.7 %	50-200	03/29/22	03/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2214008
Chloride	4330	40.0	2	03/28/22	03/30/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:53:34PM

SB21 @ 2 E203161-19

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: IY		Batch: 2214017
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0500	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
	94.7 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2214017
ND	20.0	1	03/28/22	03/31/22	
	96.2 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2214031
ND	25.0	1	03/29/22	03/31/22	
ND	50.0	1	03/29/22	03/31/22	
	89.1 %	50-200	03/29/22	03/31/22	
mg/kg	mg/kg	Anal	yst: KL		Batch: 2214008
72.7	20.0	1	03/28/22	03/30/22	·
	mg/kg ND Mg/kg ND mg/kg	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 MD 20.0 96.2 % mg/kg MD 25.0 ND 50.0 89.1 % mg/kg mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 0.0250 1 94.7 % 70-130 mg/kg mg/kg Anal ND 20.0 1 96.2 % 70-130 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 89.1 % 50-200 mg/kg Mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0500 1 03/28/22 ND 0.0250 1 03/28/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 mg/kg mg/kg Analyst: JL ND 25.0 1 03/29/22 ND 50.0 1 03/29/22 ND 50.0 1 03/29/22 ND 50.0 1 03/29/22 mg/kg mg/kg Analyst: JL	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0500 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 03/31/22 mg/kg mg/kg Analyst: IY ND 25.0 1 03/28/22 03/31/22 ND 25.0 1 03/29/22 03/31/22 03/31/22 ND 50.0 1 03/29/22 03/31/22 ND 50.0 1 03/29/22 03/31/22 ND 50.0 1 03/29/22 03/31/22



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:53:34PM

SB21 @ 4 E203161-20

Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	alyst: IY		Batch: 2214017
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
ND	0.0500	1	03/28/22	03/31/22	
ND	0.0250	1	03/28/22	03/31/22	
	95.8 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	An	alyst: IY		Batch: 2214017
ND	20.0	1	03/28/22	03/31/22	
	96.7 %	70-130	03/28/22	03/31/22	
mg/kg	mg/kg	An	alyst: JL		Batch: 2214031
ND	25.0	1	03/29/22	03/31/22	
ND	50.0	1	03/29/22	03/31/22	
	96.9 %	50-200	03/29/22	03/31/22	
mg/kg	mg/kg	An	alyst: KL		Batch: 2214008
ND	20.0	1	03/28/22	03/30/22	
	mg/kg ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 25.0 MD 25.0 ND 50.0 96.9 % mg/kg mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg An ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 25.8% 70-130 mg/kg mg/kg An ND 20.0 1 Mg/kg mg/kg An ND 25.0 1 ND 50.0 1 Mg/kg 50-200 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0250 1 03/28/22 ND 0.0500 1 03/28/22 ND 0.0250 1 03/28/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 mg/kg mg/kg Analyst: JL ND 25.0 1 03/29/22 ND 50.0 1 03/29/22 ND 50.0 1 03/29/22 ND 50.0 1 03/29/22 ND 50.0 0 03/29/22 ND 50.0 0 03/29/22 ND 50.0 0 03/29/22 ND 50.0 0 03/29/22 ND	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0500 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 ND 0.0250 1 03/28/22 03/31/22 mg/kg mg/kg Analyst: IY ND 20.0 1 03/28/22 03/31/22 mg/kg mg/kg Analyst: JL ND 25.0 1 03/28/22 03/31/22 ND 25.0 1 03/29/22 03/31/22 ND 50.0 1 03/29/22 03/31/22 ND 50.0 0 03/29/22 03/31/22 Mg/kg mg/kg </td

Tomb Raider Souder Miller Associates - Carlsbad Project Name: Reported: 201 S Halagueno St. Project Number: 01058-0007 Carlsbad NM, 88220 Project Manager: Ashley Maxwell 4/1/2022 4:53:34PM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2214017-BLK1) Prepared: 03/28/22 Analyzed: 03/31/22 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.19 8.00 102 70-130 LCS (2214017-BS1) Prepared: 03/28/22 Analyzed: 03/31/22 5.15 103 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.87 0.0250 5.00 97.3 70-130 5.09 0.0250 5.00 102 70-130 Toluene 102 o-Xylene 5.09 0.0250 5.00 70-130 10.1 10.0 101 70-130 0.0500 p.m-Xvlene 101 70-130 15.1 15.0 Total Xylenes 0.0250 8.00 104 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.30 Matrix Spike (2214017-MS1) Source: E203161-01 Prepared: 03/28/22 Analyzed: 03/31/22 5.06 0.0250 5.00 ND 54-133 Benzene ND 61-133 Ethylbenzene 4.75 0.0250 5.00 95.0 Toluene 4.98 0.0250 5.00 ND 99.7 61-130 4.95 ND 99.0 63-131 5.00 0.0250 o-Xylene p,m-Xylene 9.79 0.0500 10.0 ND 97.9 63-131 14.7 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.24 8.00 Matrix Spike Dup (2214017-MSD1) Source: E203161-01 Prepared: 03/28/22 Analyzed: 03/31/22 4.34 0.0250 5.00 ND 86.7 54-133 15.4 20 61-133 15.7 4.06 0.0250 5.00 ND 81.2 20 Ethylbenzene 61-130 Toluene 4.26 0.0250 5.00 ND 85.2 15.6 20 4.24 5.00 ND 84.8 63-131 15.4 20 o-Xylene 0.0250

10.0

15.0

8.00

0.0500

0.0250

ND

ND

83.7

84.1

103

63-131

63-131

70-130

15.7

15.6

20

20



p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

8.37

12.6

8.26

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	Reported:
201 S Halagueno St.	Project Number:	01058-0007	•
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:53:34PM

Carlsbad NM, 88220		Project Manage	r: As	hley Maxwel	1			•	4/1/2022 4:53:34PM
	Non	halogenated	Organics	by EPA 80	15D - Gl	RO			Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2214017-BLK1)							Prepared: 0	3/28/22 An	alyzed: 03/31/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.1	70-130			
LCS (2214017-BS2)							Prepared: 0	3/28/22 An	alyzed: 03/31/22
Gasoline Range Organics (C6-C10)	58.8	20.0	50.0		118	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.8	70-130			
Matrix Spike (2214017-MS2)				Source:	E203161-	01	Prepared: 0	3/28/22 An	alyzed: 03/31/22
Gasoline Range Organics (C6-C10)	54.4	20.0	50.0	ND	109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.9	70-130			
Matrix Spike Dup (2214017-MSD2)				Source:	E203161-	01	Prepared: 0	3/28/22 An	alyzed: 03/31/22
Gasoline Range Organics (C6-C10)	53.3	20.0	50.0	ND	107	70-130	1.87	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		8.00		94.6	70-130			

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	Reported:
201 S Halagueno St.	Project Number:	01058-0007	•
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/1/2022 4:53:34PM

Carlsbad NM, 88220		Project Manage	r: As	hley Maxwel	11				4/1/2022 4:53:34PM
	Nonha	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2214031-BLK1)							Prepared: 0	3/29/22 A	nalyzed: 03/30/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	37.8		50.0		75.6	50-200			
LCS (2214031-BS1)							Prepared: 0	3/29/22 A	nalyzed: 03/30/22
Diesel Range Organics (C10-C28)	377	25.0	500		75.4	38-132			
urrogate: n-Nonane	33.0		50.0		65.9	50-200			
Matrix Spike (2214031-MS1)				Source:	E203161-	20	Prepared: 0	3/29/22 A	nalyzed: 03/30/22
Diesel Range Organics (C10-C28)	397	25.0	500	ND	79.5	38-132			
Surrogate: n-Nonane	33.1		50.0		66.1	50-200			
Matrix Spike Dup (2214031-MSD1)				Source:	E203161-	20	Prepared: 0	3/29/22 A	nalyzed: 03/30/22
Diesel Range Organics (C10-C28)	405	25.0	500	ND	81.0	38-132	1.85	20	
Surrogate: n-Nonane	40.3		50.0		80.6	50-200			



Souder Miller Associates - Carlsbad 201 S Halagueno St.		Project Name: Project Number:		omb Raider 1058-0007					Reported:
Carlsbad NM, 88220		Project Manager:		shley Maxwell					4/1/2022 4:53:34PM
		Anions	by EPA 3	300.0/9056A					Analyst: KL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2214008-BLK1)							Prepared: 0	3/28/22 A	analyzed: 03/30/22
Chloride	ND	20.0							
LCS (2214008-BS1)							Prepared: 0	3/28/22 A	analyzed: 03/30/22
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2214008-MS1)				Source: F	E203161-0)1	Prepared: 0	3/28/22 A	analyzed: 03/30/22
Chloride	268	20.0	250	ND	107	80-120			
Matrix Spike Dup (2214008-MSD1)				Source: H	E203161-0)1	Prepared: 0	3/28/22 A	analyzed: 03/30/22
Chloride	267	20.0	250	ND	107	80-120	0.186	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

-	Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider	
-	201 S Halagueno St.	Project Number:	01058-0007	Reported:
	Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	04/01/22 16:53

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

Chain	of	Custody
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Page /	of o

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lient: C	MA	- 14			○ Bill To		Lab U				Ise Only			T	AT	/ E	EPA Program	
roject:	Tor	nypa	dur		Attention: Heyon			WO#				Numb		1D	3D	RCRA	CWA	SDWA
roject N	1anager:	ASHU	or Max	Hell	Address:		PE	: 20	310			_	4000					
dui ess.		13.100	1,00		City, State, Zip	-			_		Analy	sis an	d Method	1				ate
City, Stat	e, Zip				Phone:									1			NM CO	UTA
hone:					Email:		8015	8015									TX OK	-
mail:	uo hvr				WO# 2099 5421		by (λgο	3021	260	010	300.1		S	×		IX OK	
Report d	Date		No		1.00	Lab	ORC	DRC	by &	by 8.	ls 60	ide		, , ,	C. 1			
Sampled	Sampled	Matrix	Containers	Sample ID		Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC - NM	верос.		Rei	marks
1330	3/23	451		5815	22	1								X				
1333	3/23	5011	1	5015	24	2								X				
1335	3/23	501/		5816	90	3								X				
1340	3/23	5011		5816	ల 2	4								X				
1348	3/23	soil	1	SBIV	04	5								X				
1400	3/23	5011	1	5B17	100	6								X				
1407	3/23	5011	1	5817	95	7								X				
1410	3/23	5011	1		104	8								X				
1410	3/23	5011	1	581	800	9								X				
1415	3/23		1	561	8 22	10								X				
Addition	nal Instruc	ctions:																
				his sample. I am aware for legal action, Sample	that tampering with or intentionally mislabelling the sample	location, date or											the day they are to an subsequent da	
Relinquish	ed by: (Sign	ature	Date	Time .	26 Received by BigHature)	Date 2/24	1/22	Time //	:2	6	Rec	eived	on ice:	0	ab U	se Only		
FKI	(Sign	lace	Baley	24/2276	30 Received by: (Signature)	3/25/	22	8:			<u>T1</u>			<u>T2</u>			<u>T3</u>	
Relinquist	ned by: (Sign	nature)	Date	7 Time	Received by: (Signature)	Date		Time			AVG	G Ten	np °C	4				
Sample Ma	trix: S - Soil, S			queous, O - Other re reported unless ot		Containe	r Type	e: g - g	lass,	p - p				er gl	ass, v	- VOA		

Project Information
Client: 5WA

Chain of C	ustody
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Page	8	of O

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lient: 5	AM		1. 2		Bill To				La	ab Us				TA		E	PA Progra	
roject:	Innl	SKOK	WY		Attention: WVON		Lab	WO#	-	1		Number		1D	3D	RCRA	CWA	SDWA
roject N	Aanager:	HShu	A Ma	KUNTAI	Address:		PE	20	310			28-00						
ddress:	7.5				City, State, Zip Phone:		-				Analy	sis and N	ethod				NM CO	ete Lutla
ity, Stat hone:	e, Zip				Email:		1 0										X	UT AZ
mail:						121	801	108				9					TX OK	
eport d	ue by:				WO# 20995	421	tO by	to by	802	8260	3010	300		NN.	×L			
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID		Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC - NM	верос		Ren	narks
1417	3/23	5011	1	58180) 4	11								X				
1420	3/23	5011	1	5819	90	12								X				
1425	3/23	1102	1	SB 19	a) 2	13								X				
1427	3/23	5011	1	58 19	24	14								X				
1430	3/3	2011	1	5820	12 0	15								X				
1436	3/23	501)	1	SB20	102	16								X				
1438	3/23	5011	1	582	90 4	17								X				
1440	3/23	501	1		(D Q	18								X				
1444	3/23	501	1	532	12 2	19								X				
1447	3/23	501	1	SBZ	12 4	20								X				
Addition	nal Instru	ctions:																
(field same	oler), attest to t	he validity and	authenticity o	this sample. Lam awar	e that tampering with or intentionally mislabell	ing the sample location, date or					Sample	s requiring ther	mal prese	ervation a	nust be re	ceived on ice t	he day they are so	ampled or
A STATE OF THE PARTY OF				ds for legal action. Samp			,				receive	d packed in ice	atan avg	temp abo	tud C sve	essitan à Co	n subsequent da	vs.
/	ned by: (Sign	n	3/3	4/20 Time	1:20 Received by this ature	Date 3/24	12	Time	116	26	Rec	eived on	ice:		ab Us	e Only		
Relinquist	ned by: (Sign	Bic C	243	24/22 7	Received by: (Signature)	hth 3/25	122	Time	:3		T1			T2			<u>T3</u>	
Relinquis	ned by: (Sign	nature)	Date	Time	Received by: (Signature)	Date		Time			AVO	G Temp °	c 4	4				
Sample Ma	atrix: S - Soil.	d - Solid, Sg	- Sludge, A	Aqueous, O - Other		Containe	er Typ	e: g -	glass	, p - p		lastic, ag		er gla	SS, V -	VOA		

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any to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hatardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable.

Printed: 3/25/2022 12:22:39PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Souder Miller Associates - Carlsbad	Date Received:	03/25/22	08:30	Work Order ID:	E203161
Phone:	(505) 325-7535	Date Logged In:	03/25/22	09:28	Logged In By:	Caitlin Christian
Email:		Due Date:	03/31/22	17:00 (4 day TAT)	,	
Chain of	f Custody (COC)					
1. Does t	the sample ID match the COC?		Yes			
2. Does t	he number of samples per sampling site location mate	h the COC	Yes			
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: C	<u>Carrier</u>	
4. Was th	ne COC complete, i.e., signatures, dates/times, request	ed analyses?	Yes			
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion		Yes		Comme	nts/Resolution
Sample 7	<u> Turn Around Time (TAT)</u>				D	-4-4:-4- 4
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes		Project has been seper	-
Sample (due to amount of samp	oles. Workorders are
	sample cooler received?		Yes		as follows:	
8. If yes,	was cooler received in good condition?		Yes		E203158 COC Page 1	& 2 of 8. E203159
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes		COC page 3 & 4 of 8.	
10. Were	custody/security seals present?		No		1 . ~	
11. If yes	s, were custody/security seals intact?		NA		5 & 6 of 8. E203161 C	OC page / & 8 of 8.
	he sample received on ice? If yes, the recorded temp is 4°C, i Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample t	received w/i 15	Yes C			
	Container	• _				
	aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
	e head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers?		Yes			
	appropriate volume/weight or number of sample contained	ers collected?	Yes			
Field La	· · · · · · · · · · · · · · · · · · ·					
	e field sample labels filled out with the minimum infor	mation:				
	Sample ID?		Yes			
Ι	Date/Time Collected?		Yes			
C	Collectors name?		No			
	Preservation					
	the COC or field labels indicate the samples were pre	served?	No			
	sample(s) correctly preserved?		NA			
24. Is lab	o filteration required and/or requested for dissolved me	etals?	No			
Multiph:	ase Sample Matrix					
26. Does	the sample have more than one phase, i.e., multiphase	∂ ?	No			
27. If yes	s, does the COC specify which phase(s) is to be analyz	zed?	NA			
Subcont	ract Laboratory					
	samples required to get sent to a subcontract laboratory	_/ ?	No			
	a subcontract laboratory specified by the client and if		NA	Subcontract Lab	o: na	
	nstruction					
Chent I	<u>instruction</u>					

Date

Signature of client authorizing changes to the COC or sample disposition.

Report to:
Ashley Maxwell



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





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Practical Solutions for a Better Tomorrow

Analytical Report

Souder Miller Associates - Carlsbad

Project Name: Tomb Raider 1-12 Fed # 62H

Work Order: E205159

Job Number: 01058-0007

Received: 5/31/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/7/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 6/7/22

Ashley Maxwell 201 S Halagueno St. Carlsbad, NM 88220

Project Name: Tomb Raider 1-12 Fed # 62H

Workorder: E205159

Date Received: 5/31/2022 8:45:00AM

Ashley Maxwell,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/31/2022 8:45:00AM, under the Project Name: Tomb Raider 1-12 Fed # 62H.

The analytical test results summarized in this report with the Project Name: Tomb Raider 1-12 Fed # 62H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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Alexa Michaels

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

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Office: 505-421-LABS(5227)

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ljarboe@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

Technical Representative Office: 505-421-LABS(5227)

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Sample Summary

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	Donoutoda
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	06/07/22 10:42

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH22 @ 0'	E205159-01A	Soil	05/26/22	05/31/22	Glass Jar, 4 oz.
BH22 @ 8"	E205159-02A	Soil	05/26/22	05/31/22	Glass Jar, 4 oz.
BH23 @ 0'	E205159-03A	Soil	05/26/22	05/31/22	Glass Jar, 4 oz.
BH23 @ 8"	E205159-04A	Soil	05/26/22	05/31/22	Glass Jar, 4 oz.
BH24 @ 0'	E205159-05A	Soil	05/26/22	05/31/22	Glass Jar, 4 oz.
BH24 @ 1'	E205159-06A	Soil	05/26/22	05/31/22	Glass Jar, 4 oz.
BH25 @ 0'	E205159-07A	Soil	05/26/22	05/31/22	Glass Jar, 4 oz.
BH26 @ 0'	E205159-08A	Soil	05/26/22	05/31/22	Glass Jar, 4 oz.
BH27 @ 0'	E205159-09A	Soil	05/26/22	05/31/22	Glass Jar, 4 oz.
BH28 @ 0'	E205159-10A	Soil	05/26/22	05/31/22	Glass Jar, 4 oz.
BH29 @ 0'	E205159-11A	Soil	05/26/22	05/31/22	Glass Jar, 4 oz.
BH30 @ 0'	E205159-12A	Soil	05/26/22	05/31/22	Glass Jar, 4 oz.
BH31 @ 0'	E205159-13A	Soil	05/26/22	05/31/22	Glass Jar, 4 oz.
BH31 @ 8'	E205159-14A	Soil	05/26/22	05/31/22	Glass Jar, 4 oz.
BH32 @ 0'	E205159-15A	Soil	05/26/22	05/31/22	Glass Jar, 4 oz.
BH32 @ 1'	E205159-16A	Soil	05/26/22	05/31/22	Glass Jar, 4 oz.
ВН33 @ 0'	E205159-17A	Soil	05/26/22	05/31/22	Glass Jar, 4 oz.
ВН33 @ 1'	E205159-18A	Soil	05/26/22	05/31/22	Glass Jar, 4 oz.
ВН34 @ 0'	E205159-19A	Soil	05/26/22	05/31/22	Glass Jar, 4 oz.
BH34 @ 1'	E205159-20A	Soil	05/26/22	05/31/22	Glass Jar, 4 oz.
ВН35 @ 0'	E205159-21A	Soil	05/26/22	05/31/22	Glass Jar, 4 oz.
ВН35 @ 1'	E205159-22A	Soil	05/26/22	05/31/22	Glass Jar, 4 oz.
ВН36 @ 0'	E205159-23A	Soil	05/26/22	05/31/22	Glass Jar, 4 oz.
ВН36 @ 1'	E205159-24A	Soil	05/26/22	05/31/22	Glass Jar, 4 oz.

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/7/2022 10:42:27AM

BH22 @ 0' E205159-01

		E205159-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Result	Lillit	Dilution	Frepared	Allalyzeu	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2223050
Benzene	ND	0.0250	1	06/03/22	06/03/22	
Ethylbenzene	ND	0.0250	1	06/03/22	06/03/22	
Toluene	ND	0.0250	1	06/03/22	06/03/22	
o-Xylene	ND	0.0250	1	06/03/22	06/03/22	
p,m-Xylene	ND	0.0500	1	06/03/22	06/03/22	
Total Xylenes	ND	0.0250	1	06/03/22	06/03/22	
Surrogate: 4-Bromochlorobenzene-PID		97.6 %	70-130	06/03/22	06/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2223050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/22	06/03/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	06/03/22	06/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2223054
Diesel Range Organics (C10-C28)	134	25.0	1	06/03/22	06/03/22	
Oil Range Organics (C28-C36)	274	50.0	1	06/03/22	06/03/22	
Surrogate: n-Nonane		101 %	50-200	06/03/22	06/03/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2223051
Chloride	9870	400	20	06/03/22	06/06/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/7/2022 10:42:27AM

BH22 @ 8" E205159-02

	E203137-02				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	llyst: IY		Batch: 2223050
ND	0.0250	1	06/03/22	06/03/22	
ND	0.0250	1	06/03/22	06/03/22	
ND	0.0250	1	06/03/22	06/03/22	
ND	0.0250	1	06/03/22	06/03/22	
ND	0.0500	1	06/03/22	06/03/22	
ND	0.0250	1	06/03/22	06/03/22	
	94.9 %	70-130	06/03/22	06/03/22	
mg/kg	mg/kg	Ana	lyst: IY		Batch: 2223050
ND	20.0	1	06/03/22	06/03/22	
	92.1 %	70-130	06/03/22	06/03/22	
mg/kg	mg/kg	Ana	lyst: JL		Batch: 2223054
ND	25.0	1	06/03/22	06/03/22	
ND	50.0	1	06/03/22	06/03/22	
	95.8 %	50-200	06/03/22	06/03/22	
mg/kg	mg/kg	Ana	lyst: KL		Batch: 2223051
530	20.0	1	06/03/22	06/06/22	
	mg/kg ND Mg/kg ND mg/kg	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 94.9 % mg/kg MB/kg mg/kg MD 20.0 92.1 % mg/kg ND 25.0 ND 50.0 95.8 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 0.0250 1 94.9 % 70-130 mg/kg mg/kg Ana ND 20.0 1 92.1 % 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 95.8 % 50-200 mg/kg Mg/kg Ana	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 06/03/22 ND 0.0250 1 06/03/22 ND 0.0250 1 06/03/22 ND 0.0250 1 06/03/22 ND 0.0500 1 06/03/22 ND 0.0250 1 06/03/22 mg/kg mg/kg Analyst: IV ND 20.0 1 06/03/22 mg/kg mg/kg Analyst: JL ND 25.0 1 06/03/22 ND 50.0 1 06/03/22 ND 50.0 1 06/03/22 ND 50.0 1 06/03/22 Mg/kg Mg/kg Analyst: JL	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 06/03/22 06/03/22 ND 0.0250 1 06/03/22 06/03/22 ND 0.0250 1 06/03/22 06/03/22 ND 0.0500 1 06/03/22 06/03/22 ND 0.0250 1 06/03/22 06/03/22 ND 0.0250 1 06/03/22 06/03/22 MD 0.0250 1 06/03/22 06/03/22 mg/kg mg/kg Analyst: IY ND 20.0 1 06/03/22 06/03/22 mg/kg mg/kg Analyst: JL ND 25.0 1 06/03/22 06/03/22 ND 25.0 1 06/03/22 06/03/22 06/03/22 ND 50.0 1 06/03/22 06/03/22 ND 50.0 1 06/03/22 <t< td=""></t<>

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/7/2022 10:42:27AM

BH23 @ 0' E205159-03

	E203137 05				
Result	Reporting Limit		Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: IY		Batch: 2223050
ND	0.0250	1	06/03/22	06/03/22	
ND	0.0250	1	06/03/22	06/03/22	
ND	0.0250	1	06/03/22	06/03/22	
ND	0.0250	1	06/03/22	06/03/22	
ND	0.0500	1	06/03/22	06/03/22	
ND	0.0250	1	06/03/22	06/03/22	
	94.9 %	70-130	06/03/22	06/03/22	
mg/kg	mg/kg	Ana	lyst: IY		Batch: 2223050
ND	20.0	1	06/03/22	06/03/22	
	91.6 %	70-130	06/03/22	06/03/22	
mg/kg	mg/kg	Ana	lyst: JL		Batch: 2223054
845	25.0	1	06/03/22	06/03/22	
762	50.0	1	06/03/22	06/03/22	
	100 %	50-200	06/03/22	06/03/22	
mg/kg	mg/kg	Ana	lyst: KL		Batch: 2223051
1040	20.0	1	06/03/22	06/03/22	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg 845 762	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 94.9 % mg/kg MB/kg mg/kg MB/kg mg/kg MB/kg mg/kg MB/kg mg/kg MB/kg mg/kg	mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 94.9 % 70-130 mg/kg mg/kg Ana ND 20.0 1 91.6 % 70-130 1 mg/kg mg/kg Ana 845 25.0 1 762 50.0 1 100 % 50-200 mg/kg Mg/kg Ana	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 06/03/22 ND 0.0250 1 06/03/22 ND 0.0250 1 06/03/22 ND 0.0250 1 06/03/22 ND 0.0500 1 06/03/22 ND 0.0250 1 06/03/22 mg/kg mg/kg Analyst: IY ND 20.0 1 06/03/22 mg/kg mg/kg Analyst: JL 845 25.0 1 06/03/22 762 50.0 1 06/03/22 mg/kg mg/kg Analyst: JL	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 06/03/22 06/03/22 ND 0.0500 1 06/03/22 06/03/22 ND 0.0250 1 06/03/22 06/03/22 mg/kg mg/kg Analyst: IY ND 20.0 1 06/03/22 06/03/22 mg/kg mg/kg Analyst: IY ND 20.0 1 06/03/22 06/03/22 mg/kg mg/kg Analyst: JL 845 25.0 1 06/03/22 06/03/22 mg/kg mg/kg Analyst: JL 06/03/22 06/03/22 06/03/22 mg/kg mg/kg Analyst: KL 06/03/22 06/03/22



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/7/2022 10:42:27AM

BH23 @ 8" E205159-04

		1203137 04				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2223050
Benzene	ND	0.0250	1	06/03/22	06/03/22	
Ethylbenzene	ND	0.0250	1	06/03/22	06/03/22	
Toluene	ND	0.0250	1	06/03/22	06/03/22	
o-Xylene	ND	0.0250	1	06/03/22	06/03/22	
p,m-Xylene	ND	0.0500	1	06/03/22	06/03/22	
Total Xylenes	ND	0.0250	1	06/03/22	06/03/22	
Surrogate: 4-Bromochlorobenzene-PID		94.3 %	70-130	06/03/22	06/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2223050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/22	06/03/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.2 %	70-130	06/03/22	06/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2223054
Diesel Range Organics (C10-C28)	28.4	25.0	1	06/03/22	06/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/22	06/04/22	
Surrogate: n-Nonane		87.1 %	50-200	06/03/22	06/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2223051
Chloride	167	20.0	1	06/03/22	06/03/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/7/2022 10:42:27AM

BH24 @ 0' E205159-05

		E203137-03				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2223050
Benzene	ND	0.0250	1	06/03/22	06/03/22	
Ethylbenzene	ND	0.0250	1	06/03/22	06/03/22	
oluene	ND	0.0250	1	06/03/22	06/03/22	
-Xylene	ND	0.0250	1	06/03/22	06/03/22	
,m-Xylene	ND	0.0500	1	06/03/22	06/03/22	
Total Xylenes	ND	0.0250	1	06/03/22	06/03/22	
iurrogate: 4-Bromochlorobenzene-PID		94.7 %	70-130	06/03/22	06/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2223050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/22	06/03/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		91.0 %	70-130	06/03/22	06/03/22	
onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2223054
Diesel Range Organics (C10-C28)	229	25.0	1	06/03/22	06/04/22	
Dil Range Organics (C28-C36)	467	50.0	1	06/03/22	06/04/22	
'urrogate: n-Nonane		101 %	50-200	06/03/22	06/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: KL		Batch: 2223051
Chloride	1280	20.0	1	06/03/22	06/03/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/7/2022 10:42:27AM

BH24 @ 1' E205159-06

		220010> 00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2223050
Benzene	ND	0.0250	1	06/03/22	06/03/22	
Ethylbenzene	ND	0.0250	1	06/03/22	06/03/22	
oluene	ND	0.0250	1	06/03/22	06/03/22	
-Xylene	ND	0.0250	1	06/03/22	06/03/22	
,m-Xylene	ND	0.0500	1	06/03/22	06/03/22	
Total Xylenes	ND	0.0250	1	06/03/22	06/03/22	
iurrogate: 4-Bromochlorobenzene-PID		93.8 %	70-130	06/03/22	06/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2223050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/22	06/03/22	
iurrogate: 1-Chloro-4-fluorobenzene-FID		91.6 %	70-130	06/03/22	06/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2223054
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/22	06/04/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/03/22	06/04/22	
Surrogate: n-Nonane		100 %	50-200	06/03/22	06/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2223051
Chloride	39.0	20.0	1	06/03/22	06/03/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/7/2022 10:42:27AM

BH25 @ 0' E205159-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2223050
Benzene	ND	0.0250	1	06/03/22	06/03/22	
Ethylbenzene	ND	0.0250	1	06/03/22	06/03/22	
Toluene	ND	0.0250	1	06/03/22	06/03/22	
o-Xylene	ND	0.0250	1	06/03/22	06/03/22	
p,m-Xylene	ND	0.0500	1	06/03/22	06/03/22	
Total Xylenes	ND	0.0250	1	06/03/22	06/03/22	
Surrogate: 4-Bromochlorobenzene-PID		93.1 %	70-130	06/03/22	06/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2223050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/22	06/03/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.0 %	70-130	06/03/22	06/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: JL		Batch: 2223054
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/22	06/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/22	06/04/22	
Surrogate: n-Nonane		105 %	50-200	06/03/22	06/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2223051
Chloride	517	20.0	1	06/03/22	06/03/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/7/2022 10:42:27AM

BH26 @ 0' E205159-08

		E203139-00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Allaryte	Result	Lillit	Dilution	Trepared	Allalyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2223050
Benzene	ND	0.0250	1	06/03/22	06/03/22	
Ethylbenzene	ND	0.0250	1	06/03/22	06/03/22	
Toluene	ND	0.0250	1	06/03/22	06/03/22	
o-Xylene	ND	0.0250	1	06/03/22	06/03/22	
p,m-Xylene	ND	0.0500	1	06/03/22	06/03/22	
Total Xylenes	ND	0.0250	1	06/03/22	06/03/22	
Surrogate: 4-Bromochlorobenzene-PID		93.7 %	70-130	06/03/22	06/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2223050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/22	06/03/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	06/03/22	06/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2223054
Diesel Range Organics (C10-C28)	91.2	25.0	1	06/03/22	06/04/22	
Oil Range Organics (C28-C36)	177	50.0	1	06/03/22	06/04/22	
Surrogate: n-Nonane		102 %	50-200	06/03/22	06/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2223051
Chloride	449	20.0	1	06/03/22	06/03/22	·



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/7/2022 10:42:27AM

BH27 @ 0' E205159-09

		L203137 07				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2223050
Benzene	ND	0.0250	1	06/03/22	06/03/22	
Ethylbenzene	ND	0.0250	1	06/03/22	06/03/22	
Toluene	ND	0.0250	1	06/03/22	06/03/22	
o-Xylene	ND	0.0250	1	06/03/22	06/03/22	
o,m-Xylene	ND	0.0500	1	06/03/22	06/03/22	
Total Xylenes	ND	0.0250	1	06/03/22	06/03/22	
Surrogate: 4-Bromochlorobenzene-PID		93.2 %	70-130	06/03/22	06/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2223050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/22	06/03/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.8 %	70-130	06/03/22	06/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2223054
Diesel Range Organics (C10-C28)	45.3	25.0	1	06/03/22	06/04/22	
Oil Range Organics (C28-C36)	67.9	50.0	1	06/03/22	06/04/22	
Surrogate: n-Nonane		98.6 %	50-200	06/03/22	06/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: KL		Batch: 2223051
Chloride	2240	40.0	2	06/03/22	06/03/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/7/2022 10:42:27AM

BH28 @ 0' E205159-10

		2200107 10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2223050
Benzene	ND	0.0250	1	06/03/22	06/03/22	
Ethylbenzene	ND	0.0250	1	06/03/22	06/03/22	
Toluene	ND	0.0250	1	06/03/22	06/03/22	
o-Xylene	ND	0.0250	1	06/03/22	06/03/22	
p,m-Xylene	ND	0.0500	1	06/03/22	06/03/22	
Total Xylenes	ND	0.0250	1	06/03/22	06/03/22	
Surrogate: 4-Bromochlorobenzene-PID		93.0 %	70-130	06/03/22	06/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2223050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/22	06/03/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.2 %	70-130	06/03/22	06/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2223054
Diesel Range Organics (C10-C28)	49.6	25.0	1	06/03/22	06/04/22	
Oil Range Organics (C28-C36)	95.4	50.0	1	06/03/22	06/04/22	
Surrogate: n-Nonane		103 %	50-200	06/03/22	06/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2223051
Chloride	786	20.0	1	06/03/22	06/04/22	

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/7/2022 10:42:27AM

BH29 @ 0' E205159-11

		1203137 11				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2223050
Benzene	ND	0.0250	1	06/03/22	06/03/22	
Ethylbenzene	ND	0.0250	1	06/03/22	06/03/22	
Toluene	ND	0.0250	1	06/03/22	06/03/22	
o-Xylene	ND	0.0250	1	06/03/22	06/03/22	
p,m-Xylene	ND	0.0500	1	06/03/22	06/03/22	
Total Xylenes	ND	0.0250	1	06/03/22	06/03/22	
Surrogate: 4-Bromochlorobenzene-PID		93.0 %	70-130	06/03/22	06/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2223050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/22	06/03/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.5 %	70-130	06/03/22	06/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2223054
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/22	06/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/22	06/04/22	
Surrogate: n-Nonane		98.5 %	50-200	06/03/22	06/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2223051
Chloride	74.7	20.0	1	06/03/22	06/04/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/7/2022 10:42:27AM

BH30 @ 0' E205159-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2223050
Benzene	ND	0.0250	1	06/03/22	06/03/22	
Ethylbenzene	ND	0.0250	1	06/03/22	06/03/22	
Toluene	ND	0.0250	1	06/03/22	06/03/22	
o-Xylene	ND	0.0250	1	06/03/22	06/03/22	
p,m-Xylene	ND	0.0500	1	06/03/22	06/03/22	
Total Xylenes	ND	0.0250	1	06/03/22	06/03/22	
Surrogate: 4-Bromochlorobenzene-PID		92.7 %	70-130	06/03/22	06/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2223050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/22	06/03/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6 %	70-130	06/03/22	06/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2223054
Diesel Range Organics (C10-C28)	43.1	25.0	1	06/03/22	06/04/22	
Oil Range Organics (C28-C36)	79.5	50.0	1	06/03/22	06/04/22	
Surrogate: n-Nonane		99.4 %	50-200	06/03/22	06/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: KL		Batch: 2223051
Chloride	352	20.0	1	06/03/22	06/04/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/7/2022 10:42:27AM

BH31 @ 0' E205159-13

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	yst: IY		Batch: 2223050
ND	0.0250	1	06/03/22	06/03/22	
ND	0.0250	1	06/03/22	06/03/22	
ND	0.0250	1	06/03/22	06/03/22	
ND	0.0250	1	06/03/22	06/03/22	
ND	0.0500	1	06/03/22	06/03/22	
ND	0.0250	1	06/03/22	06/03/22	
	93.7 %	70-130	06/03/22	06/03/22	
mg/kg	mg/kg	Analy	yst: IY		Batch: 2223050
ND	20.0	1	06/03/22	06/03/22	
	91.4 %	70-130	06/03/22	06/03/22	
mg/kg	mg/kg	Analy	yst: JL		Batch: 2223054
ND	25.0	1	06/03/22	06/04/22	
ND	50.0	1	06/03/22	06/04/22	
	101 %	50-200	06/03/22	06/04/22	
mg/kg	mg/kg	Analy	yst: KL		Batch: 2223051
333	20.0	1	06/03/22	06/04/22	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0 91.4 % mg/kg ND 25.0 ND 50.0 101 % mg/kg mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 MD 20.0250 1 MB/kg mg/kg Analy ND 20.0 1 MB/kg mg/kg Analy ND 25.0 1 ND 50.0 1 101 % 50-200 mg/kg mg/kg Analy	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 06/03/22 ND 0.0250 1 06/03/22 ND 0.0250 1 06/03/22 ND 0.0250 1 06/03/22 ND 0.0500 1 06/03/22 ND 0.0250 1 06/03/22 mg/kg mg/kg Analyst: IY ND 20.0 1 06/03/22 mg/kg mg/kg Analyst: JL ND 25.0 1 06/03/22 ND 25.0 1 06/03/22 ND 50.0 1 06/03/22 ND 50.0 1 06/03/22 Mg/kg mg/kg Analyst: JL	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 06/03/22 06/03/22 ND 0.0250 1 06/03/22 06/03/22 ND 0.0250 1 06/03/22 06/03/22 ND 0.0500 1 06/03/22 06/03/22 ND 0.0250 1 06/03/22 06/03/22 ND 0.0250 1 06/03/22 06/03/22 mg/kg mg/kg Analyst: IY ND 20.0 1 06/03/22 06/03/22 mg/kg mg/kg Analyst: IV ND 25.0 1 06/03/22 06/03/22 ND 25.0 1 06/03/22 06/04/22 ND 50.0 1 06/03/22 06/04/22 ND 50.0 1 06/03/22 06/04/22 ND 50.0 1 06/03/22 06/04/22 N



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/7/2022 10:42:27AM

BH31 @ 8' E205159-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	Analyst: IY		Batch: 2223050
Benzene	ND	0.0250	1	06/03/22	06/04/22	
Ethylbenzene	ND	0.0250	1	06/03/22	06/04/22	
Toluene	ND	0.0250	1	06/03/22	06/04/22	
o-Xylene	ND	0.0250	1	06/03/22	06/04/22	
o,m-Xylene	ND	0.0500	1	06/03/22	06/04/22	
Total Xylenes	ND	0.0250	1	06/03/22	06/04/22	
Surrogate: 4-Bromochlorobenzene-PID		95.3 %	70-130	06/03/22	06/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2223050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/22	06/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	06/03/22	06/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2223054
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/22	06/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/22	06/04/22	
Surrogate: n-Nonane		94.0 %	50-200	06/03/22	06/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2223051
Chloride	ND	20.0	1	06/03/22	06/04/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/7/2022 10:42:27AM

BH32 @ 0' E205159-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	Analyst: IY		Batch: 2223050
Benzene	ND	0.0250	1	06/03/22	06/04/22	
Ethylbenzene	ND	0.0250	1	06/03/22	06/04/22	
Toluene	ND	0.0250	1	06/03/22	06/04/22	
o-Xylene	ND	0.0250	1	06/03/22	06/04/22	
p,m-Xylene	ND	0.0500	1	06/03/22	06/04/22	
Total Xylenes	ND	0.0250	1	06/03/22	06/04/22	
Surrogate: 4-Bromochlorobenzene-PID		95.9 %	70-130	06/03/22	06/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2223050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/22	06/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	06/03/22	06/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2223054
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/22	06/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/22	06/04/22	
Surrogate: n-Nonane		101 %	50-200	06/03/22	06/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2223051
Chloride	53.4	20.0	1	06/03/22	06/04/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/7/2022 10:42:27AM

BH32 @ 1' E205159-16

	L203137 10				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	Analyst: IY		Batch: 2223050
ND	0.0250	1	06/03/22	06/04/22	
ND	0.0250	1	06/03/22	06/04/22	
ND	0.0250	1	06/03/22	06/04/22	
ND	0.0250	1	06/03/22	06/04/22	
ND	0.0500	1	06/03/22	06/04/22	
ND	0.0250	1	06/03/22	06/04/22	
	95.9 %	70-130	06/03/22	06/04/22	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2223050
ND	20.0	1	06/03/22	06/04/22	
	91.4 %	70-130	06/03/22	06/04/22	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2223054
ND	25.0	1	06/03/22	06/04/22	
ND	50.0	1	06/03/22	06/04/22	
	99.3 %	50-200	06/03/22	06/04/22	
mg/kg	mg/kg	Anal	yst: KL		Batch: 2223051
ND	20.0	1	06/03/22	06/04/22	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0 91.4 % mg/kg ND 25.0 ND 50.0 99.3 % mg/kg mg/kg mg/kg	mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 95.9 % 70-130 mg/kg mg/kg Anal ND 20.0 1 91.4 % 70-130 1 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 99.3 % 50-200 mg/kg mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 06/03/22 ND 0.0250 1 06/03/22 ND 0.0250 1 06/03/22 ND 0.0250 1 06/03/22 ND 0.0500 1 06/03/22 ND 0.0250 1 06/03/22 mg/kg mg/kg Analyst: IY ND 20.0 1 06/03/22 mg/kg mg/kg Analyst: JL ND 25.0 1 06/03/22 ND 25.0 1 06/03/22 ND 50.0 1 06/03/22 ND 50.0 1 06/03/22 mg/kg mg/kg Analyst: JL	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 06/03/22 06/04/22 ND 0.0500 1 06/03/22 06/04/22 ND 0.0250 1 06/03/22 06/04/22 mg/kg mg/kg Analyst: IY ND 20.0 1 06/03/22 06/04/22 mg/kg mg/kg Analyst: IV ND 25.0 1 06/03/22 06/04/22 MD 25.0 1 06/03/22 06/04/22 06/04/22 ND 50.0 1 06/03/22 06/04/22 ND 50.0 1 06/03/22 06/04/22 ND 50.0 1 06/03/22 06/04/22



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/7/2022 10:42:27AM

BH33 @ 0' E205159-17

	E203137-17				
Result	Reporting Limit		Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: IY		Batch: 2223050
ND	0.0250	1	06/03/22	06/04/22	
ND	0.0250	1	06/03/22	06/04/22	
ND	0.0250	1	06/03/22	06/04/22	
ND	0.0250	1	06/03/22	06/04/22	
ND	0.0500	1	06/03/22	06/04/22	
ND	0.0250	1	06/03/22	06/04/22	
	96.1 %	70-130	06/03/22	06/04/22	
mg/kg	mg/kg	Ana	lyst: IY		Batch: 2223050
ND	20.0	1	06/03/22	06/04/22	
	92.1 %	70-130	06/03/22	06/04/22	
mg/kg	mg/kg	Ana	lyst: JL		Batch: 2223054
ND	25.0	1	06/03/22	06/04/22	
ND	50.0	1	06/03/22	06/04/22	
	105 %	50-200	06/03/22	06/04/22	
mg/kg	mg/kg	Ana	lyst: KL		Batch: 2223051
35.5	20.0	1	06/03/22	06/04/22	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 96.1 % mg/kg MD 20.0 92.1 % mg/kg MD 25.0 ND 50.0 105 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 mg/kg mg/kg Ana ND 20.0 1 92.1 % 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 105 % 50-200 mg/kg mg/kg Ana	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 06/03/22 ND 0.0250 1 06/03/22 ND 0.0250 1 06/03/22 ND 0.0250 1 06/03/22 ND 0.0500 1 06/03/22 ND 0.0250 1 06/03/22 mg/kg mg/kg Analyst: IV ND 20.0 1 06/03/22 mg/kg mg/kg Analyst: JL ND 25.0 1 06/03/22 ND 50.0 1 06/03/22 ND 50.0 1 06/03/22 ND 50.0 1 06/03/22 ND 50.0 1 06/03/22 ng/kg mg/kg Analyst: JL	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 06/03/22 06/04/22 ND 0.0250 1 06/03/22 06/04/22 ND 0.0250 1 06/03/22 06/04/22 ND 0.0500 1 06/03/22 06/04/22 ND 0.0250 1 06/03/22 06/04/22 ND 0.0250 1 06/03/22 06/04/22 ND 0.0250 1 06/03/22 06/04/22 mg/kg mg/kg Analyst: IY ND 20.0 1 06/03/22 06/04/22 mg/kg mg/kg Analyst: JL ND 25.0 1 06/03/22 06/04/22 ND 25.0 1 06/03/22 06/04/22 ND 50.0 1 06/03/22 06/04/22 ND 50.0 1 06/03/22 06/04/22



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/7/2022 10:42:27AM

BH33 @ 1' E205159-18

	E203137-10				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	Analyst: IY		Batch: 2223050
ND	0.0250	1	06/03/22	06/04/22	
ND	0.0250	1	06/03/22	06/04/22	
ND	0.0250	1	06/03/22	06/04/22	
ND	0.0250	1	06/03/22	06/04/22	
ND	0.0500	1	06/03/22	06/04/22	
ND	0.0250	1	06/03/22	06/04/22	
	95.9 %	70-130	06/03/22	06/04/22	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2223050
ND	20.0	1	06/03/22	06/04/22	
	91.0 %	70-130	06/03/22	06/04/22	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2223054
ND	25.0	1	06/03/22	06/04/22	
ND	50.0	1	06/03/22	06/04/22	
	97.2 %	50-200	06/03/22	06/04/22	
mg/kg	mg/kg	Anal	yst: KL		Batch: 2223051
ND	20.0	1	06/03/22	06/04/22	
	mg/kg ND Mg/kg ND mg/kg	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0500 ND 0.0250 mg/kg mg/kg Mg/kg mg/kg ND 20.0 91.0 % mg/kg ND 25.0 ND 50.0 97.2 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 MD 25.9 % 70-130 mg/kg mg/kg Analy ND 20.0 1 Mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 97.2 % 50-200 mg/kg mg/kg Analy	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 06/03/22 ND 0.0250 1 06/03/22 ND 0.0250 1 06/03/22 ND 0.0250 1 06/03/22 ND 0.0500 1 06/03/22 ND 0.0250 1 06/03/22 mg/kg mg/kg Analyst: IY ND 20.0 1 06/03/22 mg/kg mg/kg Analyst: JL ND 25.0 1 06/03/22 ND 50.0 1 06/03/22 ND 50.0 1 06/03/22 ND 50.0 1 06/03/22 Mg/kg mg/kg Analyst: JL	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 06/03/22 06/04/22 ND 0.0250 1 06/03/22 06/04/22 ND 0.0250 1 06/03/22 06/04/22 ND 0.0500 1 06/03/22 06/04/22 ND 0.0250 1 06/03/22 06/04/22 ND 0.0250 1 06/03/22 06/04/22 MD 0.0250 1 06/03/22 06/04/22 mg/kg mg/kg Analyst: IY ND 20.0 1 06/03/22 06/04/22 mg/kg mg/kg Analyst: JL ND 25.0 1 06/03/22 06/04/22 ND 25.0 1 06/03/22 06/04/22 ND 50.0 1 06/03/22 06/04/22 ND 50.0 1 06/03/22 06/04/22



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/7/2022 10:42:27AM

BH34 @ 0' E205159-19

	1203137 17				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	Analyst: IY		Batch: 2223050
ND	0.0250	1	06/03/22	06/04/22	
ND	0.0250	1	06/03/22	06/04/22	
ND	0.0250	1	06/03/22	06/04/22	
ND	0.0250	1	06/03/22	06/04/22	
ND	0.0500	1	06/03/22	06/04/22	
ND	0.0250	1	06/03/22	06/04/22	
	98.4 %	70-130	06/03/22	06/04/22	
mg/kg	mg/kg	Anal	lyst: IY		Batch: 2223050
ND	20.0	1	06/03/22	06/04/22	
	92.2 %	70-130	06/03/22	06/04/22	
mg/kg	mg/kg	Anal	lyst: JL		Batch: 2223054
ND	25.0	1	06/03/22	06/04/22	
ND	50.0	1	06/03/22	06/04/22	
	104 %	50-200	06/03/22	06/04/22	
mg/kg	mg/kg	Anal	lyst: KL		Batch: 2223051
66.3	20.0	1	06/03/22	06/04/22	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0250 98.4 % mg/kg MD 20.0 92.2 % mg/kg MD 25.0 ND 50.0 104 % mg/kg mg/kg mg/kg	mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 98.4 % 70-130 mg/kg mg/kg Anal ND 20.0 1 92.2 % 70-130 1 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 104 % 50-200 mg/kg Mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 06/03/22 ND 0.0250 1 06/03/22 ND 0.0250 1 06/03/22 ND 0.0500 1 06/03/22 ND 0.0250 1 06/03/22 ND 0.0250 1 06/03/22 mg/kg mg/kg Analyst: IY ND 20.0 1 06/03/22 mg/kg mg/kg Analyst: JL ND 25.0 1 06/03/22 ND 25.0 1 06/03/22 ND 50.0 1 06/03/22 ND 50.0 1 06/03/22 mg/kg mg/kg Analyst: JL	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 06/03/22 06/04/22 ND 0.0500 1 06/03/22 06/04/22 ND 0.0250 1 06/03/22 06/04/22 MD 0.0250 1 06/03/22 06/04/22 mg/kg mg/kg Analyst: IY ND 06/04/22 mg/kg mg/kg Analyst: IY ND 06/03/22 06/04/22 mg/kg mg/kg Analyst: JL ND 25.0 1 06/03/22 06/04/22 ND 25.0 1 06/03/22 06/04/22 06/04/22 ND 50.0 1 06/03/22 06/04/22 ND 50.0 1<



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/7/2022 10:42:27AM

BH34 @ 1' E205159-20

Notes Batch: 2223050
Batch: 2223050
Batch: 2223050
Batch: 2223054
Batch: 2223051
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Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/7/2022 10:42:27AM

BH35 @ 0' E205159-21

		E203139-21				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Allaryte	Result	Ellilit	Dilution	Trepared	Allaryzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2223052	
Benzene	ND	0.0250	1	06/03/22	06/06/22	
Ethylbenzene	ND	0.0250	1	06/03/22	06/06/22	
Toluene	ND	0.0250	1	06/03/22	06/06/22	
o-Xylene	ND	0.0250	1	06/03/22	06/06/22	
p,m-Xylene	ND	0.0500	1	06/03/22	06/06/22	
Total Xylenes	ND	0.0250	1	06/03/22	06/06/22	
Surrogate: 4-Bromochlorobenzene-PID		90.1 %	70-130	06/03/22	06/06/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2223052
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/22	06/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.9 %	70-130	06/03/22	06/06/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2223055
Diesel Range Organics (C10-C28)	142	25.0	1	06/03/22	06/04/22	
Oil Range Organics (C28-C36)	81.8	50.0	1	06/03/22	06/04/22	
Surrogate: n-Nonane		105 %	50-200	06/03/22	06/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2223064
Chloride	313	20.0	1	06/03/22	06/04/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/7/2022 10:42:27AM

BH35 @ 1' E205159-22

	E203137-22				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: IY		Batch: 2223052
ND	0.0250	1	06/03/22	06/06/22	
ND	0.0250	1	06/03/22	06/06/22	
ND	0.0250	1	06/03/22	06/06/22	
ND	0.0250	1	06/03/22	06/06/22	
ND	0.0500	1	06/03/22	06/06/22	
ND	0.0250	1	06/03/22	06/06/22	
	92.3 %	70-130	06/03/22	06/06/22	
mg/kg	mg/kg	Ana	lyst: IY		Batch: 2223052
ND	20.0	1	06/03/22	06/06/22	
	84.2 %	70-130	06/03/22	06/06/22	
mg/kg	mg/kg	Ana	lyst: JL		Batch: 2223055
ND	25.0	1	06/03/22	06/04/22	
ND	50.0	1	06/03/22	06/04/22	
	94.7 %	50-200	06/03/22	06/04/22	
mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2223064
ND	20.0	1	06/03/22	06/04/22	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0250 MB/kg mg/kg MB/kg mg/kg ND 20.0 84.2 % mg/kg ND 25.0 ND 50.0 94.7 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 0.0250 1 MB/kg mg/kg Ana ND 20.0 1 84.2 % 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 94.7 % 50-200 mg/kg mg/kg Ana	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 06/03/22 ND 0.0250 1 06/03/22 ND 0.0250 1 06/03/22 ND 0.0500 1 06/03/22 ND 0.0250 1 06/03/22 ND 0.0250 1 06/03/22 mg/kg mg/kg Analyst: IY ND 20.0 1 06/03/22 mg/kg mg/kg Analyst: JL ND 25.0 1 06/03/22 ND 50.0 1 06/03/22 ND 50.0 1 06/03/22 ND 50.0 1 06/03/22 Mg/kg Mg/kg Analyst: RAS	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 06/03/22 06/06/22 ND 0.0250 1 06/03/22 06/06/22 ND 0.0250 1 06/03/22 06/06/22 ND 0.0500 1 06/03/22 06/06/22 ND 0.0250 1 06/03/22 06/06/22 ND 0.0250 1 06/03/22 06/06/22 MD 0.0250 1 06/03/22 06/06/22 mg/kg mg/kg Analyst: IY ND 20.0 1 06/03/22 06/06/22 mg/kg mg/kg Analyst: JL ND 25.0 1 06/03/22 06/04/22 ND 25.0 1 06/03/22 06/04/22 06/04/22 ND 50.0 1 06/03/22 06/04/22 ND 50.0 1 06/03/22 <t< td=""></t<>

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/7/2022 10:42:27AM

BH36 @ 0' E205159-23

		E203137-23				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2223052
Benzene	ND	0.0250	1	06/03/22	06/06/22	
Ethylbenzene	ND	0.0250	1	06/03/22	06/06/22	
Toluene	ND	0.0250	1	06/03/22	06/06/22	
p-Xylene	ND	0.0250	1	06/03/22	06/06/22	
o,m-Xylene	ND	0.0500	1	06/03/22	06/06/22	
Total Xylenes	ND	0.0250	1	06/03/22	06/06/22	
Surrogate: 4-Bromochlorobenzene-PID		92.0 %	70-130	06/03/22	06/06/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2223052
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/22	06/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.3 %	70-130	06/03/22	06/06/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2223055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/22	06/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/22	06/04/22	
Surrogate: n-Nonane		102 %	50-200	06/03/22	06/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2223064
Chloride	109	20.0	1	06/03/22	06/04/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/7/2022 10:42:27AM

BH36 @ 1' E205159-24

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	st: IY		Batch: 2223052
ND	0.0250	1	06/03/22	06/06/22	
ND	0.0250	1	06/03/22	06/06/22	
ND	0.0250	1	06/03/22	06/06/22	
ND	0.0250	1	06/03/22	06/06/22	
ND	0.0500	1	06/03/22	06/06/22	
ND	0.0250	1	06/03/22	06/06/22	
	91.7 %	70-130	06/03/22	06/06/22	
mg/kg	mg/kg	Analy	st: IY		Batch: 2223052
ND	20.0	1	06/03/22	06/06/22	
	87.0 %	70-130	06/03/22	06/06/22	
mg/kg	mg/kg	Analy	st: JL		Batch: 2223055
ND	25.0	1	06/03/22	06/04/22	
ND	50.0	1	06/03/22	06/04/22	
	96.7 %	50-200	06/03/22	06/04/22	
mg/kg	mg/kg	Analy	st: RAS		Batch: 2223064
ND	20.0	1	06/03/22	06/04/22	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 MD 20.0 87.0 % mg/kg ND 25.0 ND 50.0 96.7 % mg/kg mg/kg mg/kg	mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 91.7 % 70-130 mg/kg mg/kg Analy ND 20.0 1 87.0 % 70-130 1 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 96.7 % 50-200 mg/kg mg/kg Analy	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 06/03/22 ND 0.0250 1 06/03/22 ND 0.0250 1 06/03/22 ND 0.0500 1 06/03/22 ND 0.0250 1 06/03/22 ND 0.0250 1 06/03/22 mg/kg mg/kg Analyst: IY ND 20.0 1 06/03/22 mg/kg mg/kg Analyst: JL ND 25.0 1 06/03/22 ND 25.0 1 06/03/22 ND 50.0 1 06/03/22 ND 50.0 1 06/03/22 Mg/kg Mg/kg Analyst: RAS	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 06/03/22 06/06/22 ND 0.0500 1 06/03/22 06/06/22 ND 0.0250 1 06/03/22 06/06/22 MD 0.0250 1 06/03/22 06/06/22 mg/kg mg/kg Analyst: IY ND 20.0 1 06/03/22 06/06/22 mg/kg mg/kg Analyst: IY ND 20.0 1 06/03/22 06/06/22 mg/kg mg/kg Analyst: JL ND 25.0 1 06/03/22 06/04/22 ND 50.0 1 06/03/22 06/04/22 06/04/22 ND 50.0 1 06/03/2



o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Tomb Raider 1-12 Fed # 62H Souder Miller Associates - Carlsbad Project Name: Reported: 201 S Halagueno St. Project Number: 01058-0007 Carlsbad NM, 88220 Project Manager: Ashley Maxwell 6/7/2022 10:42:27AM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2223050-BLK1) Prepared: 06/03/22 Analyzed: 06/03/22 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND 0.0250 o-Xylene ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.65 8.00 95.6 70-130 LCS (2223050-BS1) Prepared: 06/03/22 Analyzed: 06/03/22 5.22 5.00 104 70-130 Benzene 0.0250 Ethylbenzene 4.68 0.0250 5.00 93.7 70-130 70-130 5.03 0.0250 5.00 101 Toluene 97.0 o-Xylene 4.85 0.0250 5.00 70-130 9.66 10.0 96.6 70-130 0.0500 p.m-Xvlene 96.7 70-130 14.5 0.0250 15.0 Total Xylenes 8.00 96.9 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.75 Matrix Spike (2223050-MS1) Source: E205159-01 Prepared: 06/03/22 Analyzed: 06/03/22 5.73 0.0250 5.00 ND 115 54-133 Benzene ND 103 61-133 Ethylbenzene 5.15 0.0250 5.00 Toluene 5.50 0.0250 5.00 ND 110 61-130

Matrix Spike Dup (2223050-MSD1)				Source:	E205159-	01	Prepared: 06	6/03/22 Analyzed: 06/03/22
Benzene	5.41	0.0250	5.00	ND	108	54-133	5.88	20
Ethylbenzene	4.87	0.0250	5.00	ND	97.3	61-133	5.72	20
Toluene	5.20	0.0250	5.00	ND	104	61-130	5.76	20
-Xylene	5.04	0.0250	5.00	ND	101	63-131	5.60	20
o,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	5.65	20
Total Xylenes	15.0	0.0250	15.0	ND	100	63-131	5.63	20
Surrogate: 4-Rromochlorohenzene-PID	7 76		8.00		97.0	70-130		

5.00

10.0

15.0

8.00

0.0250

0.0500

0.0250

ND

ND

ND

107

106

106

97.3

63-131

63-131

63-131

70-130

5.33

10.6

15.9

7.79

Tomb Raider 1-12 Fed # 62H Souder Miller Associates - Carlsbad Project Name: Reported: 201 S Halagueno St. Project Number: 01058-0007 Carlsbad NM, 88220 Project Manager: Ashley Maxwell 6/7/2022 10:42:27AM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2223052-BLK1) Prepared: 06/03/22 Analyzed: 06/06/22 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.05 8.00 88.1 70-130 LCS (2223052-BS1) Prepared: 06/03/22 Analyzed: 06/06/22 5.61 112 70-130 5.00 Benzene 0.0250 Ethylbenzene 5.57 0.0250 5.00 111 70-130 5.92 0.0250 5.00 118 70-130 Toluene o-Xylene 5.46 0.0250 5.00 109 70-130 11.3 10.0 113 70-130 0.0500 p.m-Xvlene 112 70-130 16.7 15.0 Total Xylenes 0.0250 8.00 90.3 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.22 Matrix Spike (2223052-MS1) Source: E205159-21 Prepared: 06/03/22 Analyzed: 06/06/22 5.66 0.0250 5.00 ND 113 54-133 Benzene ND 112 61-133 Ethylbenzene 5.58 0.0250 5.00 Toluene 5.94 0.0250 5.00 ND 119 61-130 5.47 ND 109 63-131 5.00 0.0250 o-Xylene p,m-Xylene 11.3 0.0500 10.0 ND 113 63-131 16.8 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.31 8.00 Matrix Spike Dup (2223052-MSD1) Source: E205159-21 Prepared: 06/03/22 Analyzed: 06/06/22 5.70 0.0250 5.00 ND 114 54-133 0.774 61-133 5.64 0.0250 5.00 ND 113 1.09 20 Ethylbenzene 61-130 Toluene 6.01 0.0250 5.00 ND 120 1 19 20

5.00

10.0

15.0

8.00

0.0250

0.0500

0.0250

ND

ND

ND

111

114

113

91.0

63-131

63-131

63-131

70-130

1.06

1.33

1.24

20

20

20



o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

5.53

11.4

17.0

7.28

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	Reported:
201 S Halagueno St.	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/7/2022 10:42:27AM

Carlsbad NM, 88220		Project Manage	r: As	hley Maxwel	1			6/	7/2022 10:42:27AN
	Non	halogenated	Organics l	oy EPA 80	15D - GI	RO			Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2223050-BLK1)							Prepared: 0	6/03/22 Ana	lyzed: 06/03/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.7	70-130			
LCS (2223050-BS2)							Prepared: 0	6/03/22 Ana	lyzed: 06/03/22
Gasoline Range Organics (C6-C10)	47.2	20.0	50.0		94.5	70-130			
urrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		93.0	70-130			
Matrix Spike (2223050-MS2)				Source:	E205159-	01	Prepared: 0	6/03/22 Ana	lyzed: 06/03/22
Gasoline Range Organics (C6-C10)	52.4	20.0	50.0	ND	105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.2	70-130			
Matrix Spike Dup (2223050-MSD2)				Source:	E205159-	01	Prepared: 0	6/03/22 Ana	lyzed: 06/03/22
Gasoline Range Organics (C6-C10)	51.3	20.0	50.0	ND	103	70-130	2.07	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.7	70-130			



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	Reported:
201 S Halagueno St.	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/7/2022 10:42:27AM

Carlsbad NM, 88220		Project Manage	r: As	hley Maxwel	1			6	5/7/2022 10:42:27AM
		Analyst: IY							
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2223052-BLK1)							Prepared: 0	6/03/22 An	alyzed: 06/06/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.01		8.00		87.7	70-130			
LCS (2223052-BS2)							Prepared: 0	6/03/22 An	alyzed: 06/06/22
Gasoline Range Organics (C6-C10)	40.4	20.0	50.0		80.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.98		8.00		87.2	70-130			
Matrix Spike (2223052-MS2)				Source:	E205159-2	21	Prepared: 0	6/03/22 An	alyzed: 06/06/22
Gasoline Range Organics (C6-C10)	42.7	20.0	50.0	ND	85.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.79		8.00		84.9	70-130			
Matrix Spike Dup (2223052-MSD2)				Source:	E205159-2	21	Prepared: 0	6/03/22 An	alyzed: 06/06/22
Gasoline Range Organics (C6-C10)	42.6	20.0	50.0	ND	85.2	70-130	0.178	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.83		8.00		85.4	70-130			

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	Reported:
201 S Halagueno St.	Project Number:	01058-0007	•
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/7/2022 10:42:27AM

Carlsbad NM, 88220		Project Manage	r: As	shley Maxwel	1			6/	7/2022 10:42:27AM						
	Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: JL														
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit							
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes						
Blank (2223054-BLK1)							Prepared: 0	6/03/22 Ana	lyzed: 06/03/22						
Diesel Range Organics (C10-C28)	ND	25.0													
Dil Range Organics (C28-C36)	ND	50.0													
Surrogate: n-Nonane	49.2		50.0		98.4	50-200									
LCS (2223054-BS1)							Prepared: 0	6/03/22 Ana	lyzed: 06/03/22						
Diesel Range Organics (C10-C28)	469	25.0	500		93.7	38-132									
Surrogate: n-Nonane	45.2		50.0		90.4	50-200									
Matrix Spike (2223054-MS1)				Source:	E205159-	03	Prepared: 0	6/03/22 Ana	lyzed: 06/06/22						
Diesel Range Organics (C10-C28)	1150	25.0	500	845	61.8	38-132									
Surrogate: n-Nonane	46.3		50.0		92.7	50-200									
Matrix Spike Dup (2223054-MSD1)				Source:	E205159-	03	Prepared: 0	6/03/22 Ana	lyzed: 06/06/22						
Diesel Range Organics (C10-C28)	994	25.0	500	845	29.8	38-132	14.9	20	M2						
Surrogate: n-Nonane	55.4		50.0		111	50-200									

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	Reported:
201 S Halagueno St.	Project Number:	01058-0007	•
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/7/2022 10:42:27AM

Carlsbad NM, 88220		Project Manage	r: As	hley Maxwel	11			(5/7/2022 10:42:27AN						
	Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: JL														
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit							
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes						
Blank (2223055-BLK1)							Prepared: 0	6/03/22 An	alyzed: 06/03/22						
Diesel Range Organics (C10-C28)	ND	25.0													
Dil Range Organics (C28-C36)	ND	50.0													
urrogate: n-Nonane	48.6		50.0		97.2	50-200									
LCS (2223055-BS1)							Prepared: 0	6/03/22 An	alyzed: 06/03/22						
Diesel Range Organics (C10-C28)	471	25.0	500		94.2	38-132									
urrogate: n-Nonane	45.1		50.0		90.3	50-200									
Matrix Spike (2223055-MS1)				Source:	E205159-	24	Prepared: 0	6/03/22 An	alyzed: 06/03/22						
Diesel Range Organics (C10-C28)	497	25.0	500	ND	99.5	38-132									
urrogate: n-Nonane	46.9		50.0		93.9	50-200									
Matrix Spike Dup (2223055-MSD1)				Source:	E205159-	24	Prepared: 0	6/03/22 An	alyzed: 06/03/22						
Diesel Range Organics (C10-C28)	492	25.0	500	ND	98.5	38-132	1.00	20							
'urrogate: n-Nonane	48.4		50.0		96.7	50-200									



LCS Dup (2223051-BSD1)

Chloride

Prepared: 06/03/22 Analyzed: 06/06/22

QC Summary Data

Souder Miller Associates - Carlsbad 201 S Halagueno St.	Project Name: Project Number:	Tomb Raider 1-12 Fed # 62H 01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/7/2022 10:42:27AM

Anions by EPA 300.0/9056A											
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes		
Blank (2223051-BLK1)							Prepared: 0	6/03/22 An	alyzed: 06/03/22		
Chloride	ND	20.0									
LCS (2223051-BS1)							Prepared: 0	6/03/22 An	alyzed: 06/03/22		
Chloride	235	20.0	250		93.9	90-110					

250

20.0

97.6

90-110

3.84



Souder Miller Associates - Carlsbad 201 S Halagueno St.		Project Name: Project Number:		omb Raider 1- 1058-0007	12 Fed # 6	2H			Reported:
Carlsbad NM, 88220		Project Manager:	: A	Ashley Maxwel	1				6/7/2022 10:42:27AM
		Anions	by EPA	300.0/9056 <i>A</i>	A				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2223064-BLK1)							Prepared: 0	6/03/22 A	nalyzed: 06/04/22
Chloride	ND	20.0							
LCS (2223064-BS1)							Prepared: 0	6/03/22 A	analyzed: 06/04/22
Chloride	266	20.0	250		106	90-110			
Matrix Spike (2223064-MS1)				Source:	E206003-	01	Prepared: 0	6/03/22 A	analyzed: 06/04/22
Chloride	332	20.0	250	35.0	119	80-120			
Matrix Spike Dup (2223064-MSD1)				Source:	E206003-)1	Prepared: 0	6/03/22 A	analyzed: 06/04/22
Chloride	304	20.0	250	35.0	108	80-120	8.66	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	06/07/22 10:42

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

	transition of the last								5-	day			
lient: Souder, Miller: Associates	Bill To					se On		1	_	AT	E	PA Progra	
roject: Tomb Raider 1-12 Fed # 62H Attention roject Manager: Ashley Maxwell Address:	Devon	Lab	WO#	- 10	-9	Job !	Numl	ber -0007	1D	3D	RCRA	CWA	SDWA
ddress: 2015, Halaqueno City, State	7in	80	60.	01.) (_			- 54	
Tity, State, Zip Carls bad, NM 88220 Phone:	LEID					Analy	sis ar	nd Method	7	1			ate UT A
Phone: (505) 320 - 6975		5	20									NIVI CO	UIA
mail As de Man all Reguld somillar som	4	801	8015				0					TX OK	-
eport due by:	#20995421	O by	yd O	802	1260	010	300		Z	×		IA OR	
Time Date Matrix No Containers Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by	BTEX by 802.1	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC - NM	BGDUC.1		Rer	marks
0918 5/26/22 5 1 BHZZ@O'	1								×				
1034 5/24/22 5 1 BHZZ@B"	2								×				/
0920 5/24/22 S 1 BH23@0'	3								X			Įį.	
1030 5/24/22 S 1 BHZ308"	4								y				
0923 5/24/2 5 1 BH 24 @ 0'	5								×				
1025 5/24/22 S 1 BH24@1'	4								X				
0940 5/24/22 S 1 BH25@0'	7								×				
0943 5/26/22 5 1 BH2600	8								X				
0946 5/26/22 5 1 BHZ7@0	9								X				
1000 5/24/22 5 1 BHZB@0'	10								X				
Additional Instructions:													
(fie'd sampler), attest to the validity and authenticity of this sample. Fam aware that tampering with time of collection is considered fraud and may be grounds for legal action. Sampled by:	intentionally mislabelling the sample location, date or	-				1						the day they are so on subsequent day	
Relinquished by: (Signature) Date 5/26/22 1700	ed by: (Signatura) Auto Company Compa	do	Time	7'. 6	0	Rec	eivec	d on ice:		ab U	se Only		
14 Mules 11 16-21-29 1:45 DC	ed by: (Signature) Date 5/31/2	22		: 4	15				T2			T3	
Refinquished by: (Signature) Date Time Recei	ed by: (Signature) Date		Time			AVO	i Ten	np°c 4	4				
Samale Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other			1			- P. C. C. C.	7 13/45/3		-				

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		11.	- 5 10 -											5-0	lay			
Client: 5	ouder	Mills	W : AS	Sociates Fed # 62H	Attention: Devon	1	Lab Use Only Job Number PE 205/59 01658-0057									PA Progra		
	Nanager:				Address:		Lab	WO#	15/4	-9			1007	1D	3D	RCRA	CWA	SDWA
Address:	2015	Hald	Jauen	2	City, State, Zip	-	76	20	DI.				Method				Sta	te
City, Stat	e, Zip Ca	risba	W. NM	88220	Phone:													UT AZ
Phone:	505) 32	20-13	775	1	Email:		315	2115										
Report d	hley. Mo	exwelle	Soudin	miller com	W0 # 2099542	1	by 8(by 80	121	09	01	0.00		2			TX OK	
Time	Date		No		WU# 2011372	Lab	ORO	DRO	by 80	N 82	s 60.	de 3(C-N	×			
Sampled	Sam pled	Matrix	Containers	Sample ID		Number	DRO/ORO by 80.15	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC - NM	верос		Rem	arks
1002	5/24/22	5	1	BH29 €	0	11								X				
1016	5/26/22	5	1	BH30@	0	12								X				- 1
1054	5/26/22	S	1	BH310	0'	13								×				
1059	5/26/22	5	1	BH310	ଞ"	14											Hold	
1108	5/24/22	5	1	BH32@	0'	15								×				
1110	5/26/22	5	1	BH32@	T'	16											Hold	
1124	5/26/22	5	1	BH33@	0'	17								X				
1125	5/26/22	S	1	BH33 €	1	18											Hold	
1128	5/26/22	5	1	BH34@	0	19								X				
1130	5/26/22	5	1	BH34@	1	20											Hold	
Addition	al Instruc	tions:																
000000					at tampering with or intentionally mislabelling the sam	ple location, date or	-										ne day they are sa	
	ed by: (Signa		Date	s for legal action. Sampled :		A Date	_	Time	-							se Only		
Hear	th M.	Was	5/	26/22 171	Refered by: (Signature)	150	4	1	17!	00	Rec	ived i	on ice:		N C			
	ed by: (Signa	ature)		77-20 Time:	Received by (Signature)	Date / 5/31/	1	Time				-iveu (JII ICC.	_				
Relinquis	ed by: (Sign		Date	Time	Received by: (Signature)	Date	u	Time	:4	2_	11			12	_		<u>T3</u>	
1											AVG	Tem	°C_	1				
				queous, O - Other		Containe	г Туре	e: g -	glass,	p - p	oly/p	astic, a	ag - amb	er gla	SS, V -	- VOA	***************************************	
Note: Samp	oles are discar se samples rec	ded 30 da/s ceived by the	after results a laboratory w	ire reported unless othe with this COC. The liabili	r arrangements are made. Hazardous samples w ty of the laboratory is limited to the amount pair	ill be returned to o	lient or	dispo	sed of	at the	client e	xpense	Therepor	t for th	e anal	vsis of the ai	oove samples	is applicable

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Received by OCD: 4/25/2023 12:52:09 PM

		Dr. Co. L														5-	day			
Client: 5	ouder,	M: Her	ASS	xlater !		Bill To	1					b Use			7	TA		EPA Progra		m
	lanager:			Fed # 62H	Attention: Address:	Devon	-	_	Lab	WO#	-14	al	lob N	Numb	er	1D	3D	RCRA	CWA	SDWA
Address:	2015	14010	THE LANG	Mark .	City, State,	7in			PE	20	210		Old	28	Miethoo				C+	ate
City. State	e. Zio Co	vt ba	PAIM	89770	Phone:	210				-	-	-	Alloly:	Sis and	I w.ethoc					UT AZ
Phone:	32	0-89	75	80270	Email:				5	-0	1	1							TVIVI CO	OI AZ
Email: As	Shley. M	axwell	esoud	wmiller.com		1 2000			108/	108	-	_		0					TX OK	
Report du	ue by:				wo -	# 2099	5421		(O)	(O b)	802	8260	2010	300		N.	×L			
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID				Lab Number	DRO/ORO by 80 15	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC - NM	BGDOC . 1X		Rei	narks
1145	5/24/22		1	BH356	90'	4.4		21								X				
1151	5/26/22	5	1	BH35€	21			22											Holo	į.
1157	5/24/22	5	1	BH366	20'			23								X				
1204	5/26/22	5	1	BH366	21			24											Hol	d
								-							+					
Addition	al Instruc	tions:		1											1.		1		1	
				this sample. I am aware		intentionally mislabellin	ng the sample locat	ion, date or											he day they are s	
	ed by: (Signa		Date	Service Company of the Company of the	Receive	d by: (Signature)	Donal	Date S-30	450	Time /	7'.	00	Rece	eived	on ice:		ab U.	se Only		
Relinquish	ed by: (Sign:	Mer	m 3		450 Regive	ed by: (Signature)	te	Date 5/3//	22	Time	: 4		т1	77		T2			Т3	
Relinquish	ed by: (Sign	ature)	Date	-	Receive	ed by: (Signature)		Date	_	Time			AVG	Tame	o°c_4	6			10	
Sample Mat	rix: S - Soil, S	d - Solid, Sg -	Sludge, A - A	agueous, O - Other				Containe	Type	: 6 - 2	lass						SS V -	4OV		
Note: Samp	les are discar	ded 30 da/s a	fter results a	are reported unless oti	ner arrangements ar	e made Hazardous s	samples will be re	eturned to cl	ient or	dispos	ed of a	t the c	lient e	xpense	The repor	for th	e anal	vsis of the a	nove samnie	is applicable

Printed: 6/1/2022 3:58:38PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

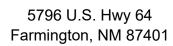
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Souder Miller Associates - Carlsbad	Date Received:	05/31/22 08	3:45		Work Order ID:	E205159
Phone:	(505) 325-7535	Date Logged In:	05/31/22 09	9:38		Logged In By:	Caitlin Christian
Email:	ashley.maxwell@soudermiller.com	Due Date:	06/06/22 13	7:00 (4 day TAT)			
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location man	tch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	<u>ourrier</u>		
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in	the field	Yes				
	i.e, 15 minute hold time, are not included in this disucssion			_		<u>Commen</u>	ts/Resolution
Sample T	<u> Curn Around Time (TAT)</u>				~ 1	11161000	
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes		Samples	14,16,18,20,2	2 and 24 on hold.
Sample (
	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	, were custody/security seals intact?		NA				
12. Was th	e sample received on ice? If yes, the recorded temp is 4°C,		Yes				
	Note: Thermal preservation is not required, if samples are	e received w/i 15					
12 Ifma	minutes of sampling	tommomotumos 190	~				
	visible ice, record the temperature. Actual sample	temperature: 4-0	<u>~</u>				
	Container 19		3.7				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA NA				
	head space less than 6-8 mm (pea sized or less)?		NA NA				
	trip blank (TB) included for VOC analyses?	0	NA V				
	on-VOC samples collected in the correct containers' appropriate volume/weight or number of sample contain		Yes Yes				
	•	iers conecteur	108				
Field Lal	net field sample labels filled out with the minimum info	rmation					
	ample ID?	mation.	Yes				
	pate/Time Collected?		Yes	L			
C	ollectors name?		No				
Sample I	<u>Preservation</u>						
21. Does	the COC or field labels indicate the samples were pr	reserved?	No				
	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved n	netals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	se?	No				
27. If yes	, does the COC specify which phase(s) is to be analy	yzed?	NA				
Subcontr	act Laboratory						
28. Are sa	amples required to get sent to a subcontract laborato	ry?	No				
29. Was a	subcontract laboratory specified by the client and in	f so who?	NA :	Subcontract Lab:	: na		
Client Iı	<u>ıstruction</u>						
							1

Date

Report to:
Heather Woods





Phone: (505) 632-1881 Envirotech-inc.com





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Practical Solutions for a Better Tomorrow

Analytical Report

Souder Miller Associates - Carlsbad

Project Name: Tomb Raider 1-12 Fed # 62H

Work Order: E209067

Job Number: 01058-0007

Received: 9/15/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/16/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 9/16/22

Heather Woods 201 S Halagueno St. Carlsbad, NM 88220

Project Name: Tomb Raider 1-12 Fed # 62H

Workorder: E209067

Date Received: 9/15/2022 10:40:00AM

Heather Woods,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/15/2022 10:40:00AM, under the Project Name: Tomb Raider 1-12 Fed # 62H.

The analytical test results summarized in this report with the Project Name: Tomb Raider 1-12 Fed # 62H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

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labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

Technical Representative Office: 505-421-LABS(5227)

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Sample Summary

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	Reported:
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	09/16/22 15:40

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS01	E209067-01A	Soil	09/12/22	09/15/22	Glass Jar, 4 oz.
CS02	E209067-02A	Soil	09/12/22	09/15/22	Glass Jar, 4 oz.
CS03	E209067-03A	Soil	09/12/22	09/15/22	Glass Jar, 4 oz.
CS04	E209067-04A	Soil	09/12/22	09/15/22	Glass Jar, 4 oz.
CS05	E209067-05A	Soil	09/12/22	09/15/22	Glass Jar, 4 oz.
CS06	E209067-06A	Soil	09/12/22	09/15/22	Glass Jar, 4 oz.
CS07	E209067-07A	Soil	09/12/22	09/15/22	Glass Jar, 4 oz.
CS08	E209067-08A	Soil	09/12/22	09/15/22	Glass Jar, 4 oz.
CS09	E209067-09A	Soil	09/12/22	09/15/22	Glass Jar, 4 oz.
CS10	E209067-10A	Soil	09/12/22	09/15/22	Glass Jar, 4 oz.
CS11	E209067-11A	Soil	09/12/22	09/15/22	Glass Jar, 4 oz.
CS12	E209067-12A	Soil	09/12/22	09/15/22	Glass Jar, 4 oz.
CS13	E209067-13A	Soil	09/12/22	09/15/22	Glass Jar, 4 oz.
CS14	E209067-14A	Soil	09/12/22	09/15/22	Glass Jar, 4 oz.
CS15	E209067-15A	Soil	09/12/22	09/15/22	Glass Jar, 4 oz.
CS16	E209067-16A	Soil	09/12/22	09/15/22	Glass Jar, 4 oz.
CS17	E209067-17A	Soil	09/12/22	09/15/22	Glass Jar, 4 oz.
CS18	E209067-18A	Soil	09/12/22	09/15/22	Glass Jar, 4 oz.
CS19	E209067-19A	Soil	09/12/22	09/15/22	Glass Jar, 4 oz.
CS20	E209067-20A	Soil	09/12/22	09/15/22	Glass Jar, 4 oz.



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/16/2022 3:40:21PM

CS01

		E207007-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2238055
Benzene	ND	0.0250	1	09/15/22	09/15/22	
Ethylbenzene	ND	0.0250	1	09/15/22	09/15/22	
Toluene	ND	0.0250	1	09/15/22	09/15/22	
o-Xylene	ND	0.0250	1	09/15/22	09/15/22	
p,m-Xylene	ND	0.0500	1	09/15/22	09/15/22	
Total Xylenes	ND	0.0250	1	09/15/22	09/15/22	
Surrogate: 4-Bromochlorobenzene-PID		97.8 %	70-130	09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2238055
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/15/22	09/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.9 %	70-130	09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2238057
Diesel Range Organics (C10-C28)	57.2	25.0	1	09/15/22	09/15/22	
Oil Range Organics (C28-C36)	53.8	50.0	1	09/15/22	09/15/22	
Surrogate: n-Nonane		75.8 %	50-200	09/15/22	09/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2238062
Chloride	676	20.0	1	09/15/22	09/15/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/16/2022 3:40:21PM

CS02

Reporting						
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2238055
Benzene	ND	0.0250	1	09/15/22	09/15/22	
Ethylbenzene	ND	0.0250	1	09/15/22	09/15/22	
Toluene	ND	0.0250	1	09/15/22	09/15/22	
o-Xylene	ND	0.0250	1	09/15/22	09/15/22	
p,m-Xylene	ND	0.0500	1	09/15/22	09/15/22	
Total Xylenes	ND	0.0250	1	09/15/22	09/15/22	
Surrogate: 4-Bromochlorobenzene-PID		99.0 %	70-130	09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2238055
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/15/22	09/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.8 %	70-130	09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: JL		Batch: 2238057
Diesel Range Organics (C10-C28)	ND	25.0	1	09/15/22	09/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/15/22	09/15/22	
Surrogate: n-Nonane		76.8 %	50-200	09/15/22	09/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: RAS		Batch: 2238062
Chloride	5850	100	5	09/15/22	09/15/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/16/2022 3:40:21PM

CS03

		ъ .:				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Resuit	Limit	Dilution	rrepared	Allalyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2238055
Benzene	ND	0.0250	1	09/15/22	09/15/22	
Ethylbenzene	ND	0.0250	1	09/15/22	09/15/22	
Toluene	ND	0.0250	1	09/15/22	09/15/22	
o-Xylene	ND	0.0250	1	09/15/22	09/15/22	
p,m-Xylene	ND	0.0500	1	09/15/22	09/15/22	
Total Xylenes	ND	0.0250	1	09/15/22	09/15/22	
Surrogate: 4-Bromochlorobenzene-PID		98.8 %	70-130	09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2238055
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/15/22	09/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.0 %	70-130	09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2238057
Diesel Range Organics (C10-C28)	52.4	25.0	1	09/15/22	09/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/15/22	09/15/22	
Surrogate: n-Nonane		84.0 %	50-200	09/15/22	09/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2238062
Chloride	5060	40.0	2	09/15/22	09/15/22	•



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/16/2022 3:40:21PM

CS04

		D 4				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Kesun	Lillit	Dilution	Fiepared	Allalyzed	Inotes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2238055
Benzene	ND	0.0250	1	09/15/22	09/15/22	
Ethylbenzene	ND	0.0250	1	09/15/22	09/15/22	
Toluene	ND	0.0250	1	09/15/22	09/15/22	
o-Xylene	ND	0.0250	1	09/15/22	09/15/22	
p,m-Xylene	ND	0.0500	1	09/15/22	09/15/22	
Total Xylenes	ND	0.0250	1	09/15/22	09/15/22	
Surrogate: 4-Bromochlorobenzene-PID		98.1 %	70-130	09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2238055
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/15/22	09/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.9 %	70-130	09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2238057
Diesel Range Organics (C10-C28)	133	25.0	1	09/15/22	09/15/22	
Oil Range Organics (C28-C36)	109	50.0	1	09/15/22	09/15/22	
Surrogate: n-Nonane		82.5 %	50-200	09/15/22	09/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2238062
Chloride	7110	100	5	09/15/22	09/15/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/16/2022 3:40:21PM

CS05

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2238055
Benzene	ND	0.0250	1	09/15/22	09/15/22	
Ethylbenzene	ND	0.0250	1	09/15/22	09/15/22	
Toluene	ND	0.0250	1	09/15/22	09/15/22	
o-Xylene	ND	0.0250	1	09/15/22	09/15/22	
p,m-Xylene	ND	0.0500	1	09/15/22	09/15/22	
Total Xylenes	ND	0.0250	1	09/15/22	09/15/22	
Surrogate: 4-Bromochlorobenzene-PID		98.1 %	70-130	09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2238055
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/15/22	09/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.7 %	70-130	09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2238057
Diesel Range Organics (C10-C28)	206	25.0	1	09/15/22	09/15/22	
Oil Range Organics (C28-C36)	173	50.0	1	09/15/22	09/15/22	
Surrogate: n-Nonane		84.9 %	50-200	09/15/22	09/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2238062
Chloride	3220	40.0	2	09/15/22	09/15/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/16/2022 3:40:21PM

CS06

		ъ .:				
	D 1.	Reporting	D.1	ъ.		NT.
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2238055
Benzene	ND	0.0250	1	09/15/22	09/15/22	
Ethylbenzene	ND	0.0250	1	09/15/22	09/15/22	
Toluene	ND	0.0250	1	09/15/22	09/15/22	
o-Xylene	ND	0.0250	1	09/15/22	09/15/22	
p,m-Xylene	ND	0.0500	1	09/15/22	09/15/22	
Total Xylenes	ND	0.0250	1	09/15/22	09/15/22	
Surrogate: 4-Bromochlorobenzene-PID		98.5 %	70-130	09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2238055
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/15/22	09/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.1 %	70-130	09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2238057
Diesel Range Organics (C10-C28)	186	25.0	1	09/15/22	09/15/22	
Oil Range Organics (C28-C36)	163	50.0	1	09/15/22	09/15/22	
Surrogate: n-Nonane		85.2 %	50-200	09/15/22	09/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2238062
-	1220	20.0		09/15/22	09/15/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/16/2022 3:40:21PM

CS07

		Reporting					
Analyte	Result	Limit	Diluti	ion P	repared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	Analyst: IY			Batch: 2238055
Benzene	ND	0.0250	1	0	9/15/22	09/15/22	
Ethylbenzene	ND	0.0250	1	0	9/15/22	09/15/22	
Toluene	ND	0.0250	1	0	9/15/22	09/15/22	
o-Xylene	ND	0.0250	1	0	9/15/22	09/15/22	
p,m-Xylene	ND	0.0500	1	0	9/15/22	09/15/22	
Total Xylenes	ND	0.0250	1	0	9/15/22	09/15/22	
Surrogate: 4-Bromochlorobenzene-PID		98.8 %	70-130	0	9/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: IY			Batch: 2238055
Gasoline Range Organics (C6-C10)	ND	20.0	1	0	9/15/22	09/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.9 %	70-130	0	9/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL			Batch: 2238057
Diesel Range Organics (C10-C28)	105	25.0	1	0	9/15/22	09/15/22	
Oil Range Organics (C28-C36)	94.0	50.0	1	0	9/15/22	09/15/22	
Surrogate: n-Nonane		82.6 %	50-200	0	9/15/22	09/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RAS			Batch: 2238062
Chloride	8500	100	5	0	9/15/22	09/15/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/16/2022 3:40:21PM

CS08

	D (*				
Result		Dilution	Prepared	Analyzed	Notes
			•	7 mary 200	Batch: 2238055
		1	-	00/15/22	Batch. 2230033
		1		******	
		1			
ND	0.0250	1	09/15/22	09/15/22	
ND	0.0250	1	09/15/22	09/15/22	
ND	0.0500	1	09/15/22	09/15/22	
ND	0.0250	1	09/15/22	09/15/22	
	99.2 %	70-130	09/15/22	09/15/22	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2238055
ND	20.0	1	09/15/22	09/15/22	
	81.7 %	70-130	09/15/22	09/15/22	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2238057
47.4	25.0	1	09/15/22	09/15/22	
50.3	50.0	1	09/15/22	09/15/22	
	85.9 %	50-200	09/15/22	09/15/22	
mg/kg	mg/kg	Anal	yst: RAS		Batch: 2238062
	ND ND mg/kg ND mg/kg 47.4	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 99.2 % mg/kg mg/kg ND 20.0 81.7 % mg/kg mg/kg mg/kg 47.4 25.0 50.3 50.0	Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 99.2 % 70-130 mg/kg mg/kg Anal ND 20.0 1 81.7 % 70-130 mg/kg mg/kg Anal 47.4 25.0 1 50.3 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 09/15/22 ND 0.0250 1 09/15/22 ND 0.0250 1 09/15/22 ND 0.0250 1 09/15/22 ND 0.0500 1 09/15/22 ND 0.0250 1 09/15/22 mg/kg mg/kg Analyst: IY ND 20.0 1 09/15/22 mg/kg mg/kg Analyst: JL mg/kg mg/kg Analyst: JL 47.4 25.0 1 09/15/22 50.3 50.0 1 09/15/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 09/15/22 09/15/22 ND 0.0250 1 09/15/22 09/15/22 ND 0.0250 1 09/15/22 09/15/22 ND 0.0500 1 09/15/22 09/15/22 ND 0.0250 1 09/15/22 09/15/22 ND 0.0250 1 09/15/22 09/15/22 mg/kg mg/kg Analyst: IY ND 20.0 1 09/15/22 09/15/22 mg/kg mg/kg Analyst: IY 09/15/22 09/15/22 mg/kg mg/kg Analyst: IY 09/15/22 09/15/22 47.4 25.0 1 09/15/22 09/15/22 50.3 50.0 1 09/15/22 09/15/22



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/16/2022 3:40:21PM

CS09

		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2238055
Benzene	ND	0.0250	1	09/15/22	09/16/22	
Ethylbenzene	ND	0.0250	1	09/15/22	09/16/22	
Toluene	ND	0.0250	1	09/15/22	09/16/22	
o-Xylene	ND	0.0250	1	09/15/22	09/16/22	
p,m-Xylene	ND	0.0500	1	09/15/22	09/16/22	
Total Xylenes	ND	0.0250	1	09/15/22	09/16/22	
Surrogate: 4-Bromochlorobenzene-PID		99.8 %	70-130	09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2238055
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/15/22	09/16/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.8 %	70-130	09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2238057
Diesel Range Organics (C10-C28)	ND	25.0	1	09/15/22	09/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/15/22	09/15/22	
Surrogate: n-Nonane		87.8 %	50-200	09/15/22	09/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2238062
Chloride	46.7	20.0	1	09/15/22	09/15/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/16/2022 3:40:21PM

CS10

	Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2238055
Benzene	ND	0.0250	1	09/15/22	09/16/22	
Ethylbenzene	ND	0.0250	1	09/15/22	09/16/22	
Toluene	ND	0.0250	1	09/15/22	09/16/22	
o-Xylene	ND	0.0250	1	09/15/22	09/16/22	
p,m-Xylene	ND	0.0500	1	09/15/22	09/16/22	
Total Xylenes	ND	0.0250	1	09/15/22	09/16/22	
Surrogate: 4-Bromochlorobenzene-PID		98.8 %	70-130	09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2238055
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/15/22	09/16/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.0 %	70-130	09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2238057
Diesel Range Organics (C10-C28)	ND	25.0	1	09/15/22	09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/15/22	09/16/22	
Surrogate: n-Nonane		86.9 %	50-200	09/15/22	09/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2238062
Chloride	ND	20.0	1	09/15/22	09/15/22	_

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/16/2022 3:40:21PM

CS11

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2238055
Benzene	ND	0.0250	1	09/15/22	09/16/22	
Ethylbenzene	ND	0.0250	1	09/15/22	09/16/22	
Toluene	ND	0.0250	1	09/15/22	09/16/22	
o-Xylene	ND	0.0250	1	09/15/22	09/16/22	
p,m-Xylene	ND	0.0500	1	09/15/22	09/16/22	
Total Xylenes	ND	0.0250	1	09/15/22	09/16/22	
Surrogate: 4-Bromochlorobenzene-PID		99.3 %	70-130	09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2238055
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/15/22	09/16/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.0 %	70-130	09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2238057
Diesel Range Organics (C10-C28)	ND	25.0	1	09/15/22	09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/15/22	09/16/22	
Surrogate: n-Nonane		88.1 %	50-200	09/15/22	09/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2238062
Chloride	ND	20.0	1	09/15/22	09/15/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/16/2022 3:40:21PM

CS12

		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		yst: IY		Batch: 2238055
Benzene	ND	0.0250	1	09/15/22	09/16/22	
Ethylbenzene	ND	0.0250	1	09/15/22	09/16/22	
Toluene	ND	0.0250	1	09/15/22	09/16/22	
o-Xylene	ND	0.0250	1	09/15/22	09/16/22	
p,m-Xylene	ND	0.0500	1	09/15/22	09/16/22	
Total Xylenes	ND	0.0250	1	09/15/22	09/16/22	
Surrogate: 4-Bromochlorobenzene-PID		99.8 %	70-130	09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2238055
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/15/22	09/16/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.6 %	70-130	09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2238057
Diesel Range Organics (C10-C28)	ND	25.0	1	09/15/22	09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/15/22	09/16/22	
Surrogate: n-Nonane		87.9 %	50-200	09/15/22	09/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2238062
Chloride	ND	20.0	-	09/15/22	09/15/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/16/2022 3:40:21PM

CS13

	Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2238055
Benzene	ND	0.0250	1	09/15/22	09/16/22	
Ethylbenzene	ND	0.0250	1	09/15/22	09/16/22	
Toluene	ND	0.0250	1	09/15/22	09/16/22	
o-Xylene	ND	0.0250	1	09/15/22	09/16/22	
p,m-Xylene	ND	0.0500	1	09/15/22	09/16/22	
Total Xylenes	ND	0.0250	1	09/15/22	09/16/22	
Surrogate: 4-Bromochlorobenzene-PID		99.9 %	70-130	09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2238055
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/15/22	09/16/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.5 %	70-130	09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2238057
Diesel Range Organics (C10-C28)	31.9	25.0	1	09/15/22	09/16/22	
Oil Range Organics (C28-C36)	65.6	50.0	1	09/15/22	09/16/22	
Surrogate: n-Nonane		89.5 %	50-200	09/15/22	09/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2238062
Chloride	20.8	20.0	1	09/15/22	09/15/22	

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/16/2022 3:40:21PM

CS14

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2238055
Benzene	ND	0.0250	1	09/15/22	09/16/22	
Ethylbenzene	ND	0.0250	1	09/15/22	09/16/22	
Toluene	ND	0.0250	1	09/15/22	09/16/22	
o-Xylene	ND	0.0250	1	09/15/22	09/16/22	
p,m-Xylene	ND	0.0500	1	09/15/22	09/16/22	
Total Xylenes	ND	0.0250	1	09/15/22	09/16/22	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: IY		Batch: 2238055
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/15/22	09/16/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.9 %	70-130	09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2238057
Diesel Range Organics (C10-C28)	30.1	25.0	1	09/15/22	09/16/22	
Oil Range Organics (C28-C36)	59.7	50.0	1	09/15/22	09/16/22	
Surrogate: n-Nonane		88.5 %	50-200	09/15/22	09/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2238062
Chloride	ND	20.0	1	09/15/22	09/15/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/16/2022 3:40:21PM

CS15

	·	Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2238055
Benzene	ND	0.0250	1	09/15/22	09/16/22	
Ethylbenzene	ND	0.0250	1	09/15/22	09/16/22	
Toluene	ND	0.0250	1	09/15/22	09/16/22	
o-Xylene	ND	0.0250	1	09/15/22	09/16/22	
p,m-Xylene	ND	0.0500	1	09/15/22	09/16/22	
Total Xylenes	ND	0.0250	1	09/15/22	09/16/22	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2238055
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/15/22	09/16/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.7 %	70-130	09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2238057
Diesel Range Organics (C10-C28)	42.3	25.0	1	09/15/22	09/16/22	
Oil Range Organics (C28-C36)	64.9	50.0	1	09/15/22	09/16/22	
Surrogate: n-Nonane		104 %	50-200	09/15/22	09/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2238062
Chloride	ND	20.0	1	09/15/22	09/15/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/16/2022 3:40:21PM

CS16

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2238055
Benzene	ND	0.0250	1	09/15/22	09/16/22	
Ethylbenzene	ND	0.0250	1	09/15/22	09/16/22	
Toluene	ND	0.0250	1	09/15/22	09/16/22	
o-Xylene	ND	0.0250	1	09/15/22	09/16/22	
p,m-Xylene	ND	0.0500	1	09/15/22	09/16/22	
Total Xylenes	ND	0.0250	1	09/15/22	09/16/22	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2238055
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/15/22	09/16/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.3 %	70-130	09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2238057
Diesel Range Organics (C10-C28)	ND	25.0	1	09/15/22	09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/15/22	09/16/22	
Surrogate: n-Nonane		87.6 %	50-200	09/15/22	09/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2238062
Chloride	ND	20.0	1	09/15/22	09/16/22	· · · · · · · · · · · · · · · · · · ·



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/16/2022 3:40:21PM

CS17

		Domontino				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2238055
Benzene	ND	0.0250	1	09/15/22	09/16/22	
Ethylbenzene	ND	0.0250	1	09/15/22	09/16/22	
Toluene	ND	0.0250	1	09/15/22	09/16/22	
o-Xylene	ND	0.0250	1	09/15/22	09/16/22	
p,m-Xylene	ND	0.0500	1	09/15/22	09/16/22	
Total Xylenes	ND	0.0250	1	09/15/22	09/16/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2238055
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/15/22	09/16/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.1 %	70-130	09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: JL		Batch: 2238057
Diesel Range Organics (C10-C28)	ND	25.0	1	09/15/22	09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/15/22	09/16/22	
Surrogate: n-Nonane		90.1 %	50-200	09/15/22	09/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2238062
Chloride	ND	20.0	1	09/15/22	09/16/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/16/2022 3:40:21PM

CS18

		Domontino				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2238055
Benzene	ND	0.0250	1	09/15/22	09/16/22	
Ethylbenzene	ND	0.0250	1	09/15/22	09/16/22	
Toluene	ND	0.0250	1	09/15/22	09/16/22	
o-Xylene	ND	0.0250	1	09/15/22	09/16/22	
p,m-Xylene	ND	0.0500	1	09/15/22	09/16/22	
Total Xylenes	ND	0.0250	1	09/15/22	09/16/22	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2238055
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/15/22	09/16/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.4 %	70-130	09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2238057
Diesel Range Organics (C10-C28)	ND	25.0	1	09/15/22	09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/15/22	09/16/22	
Surrogate: n-Nonane		87.7 %	50-200	09/15/22	09/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2238062
Chloride	ND	20.0	-	09/15/22	09/16/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/16/2022 3:40:21PM

CS19

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2238055
Benzene	ND	0.0250	1	09/15/22	09/16/22	
Ethylbenzene	ND	0.0250	1	09/15/22	09/16/22	
Toluene	ND	0.0250	1	09/15/22	09/16/22	
o-Xylene	ND	0.0250	1	09/15/22	09/16/22	
p,m-Xylene	ND	0.0500	1	09/15/22	09/16/22	
Total Xylenes	ND	0.0250	1	09/15/22	09/16/22	
Surrogate: 4-Bromochlorobenzene-PID		99.9 %	70-130	09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: IY		Batch: 2238055
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/15/22	09/16/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.8 %	70-130	09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2238057
Diesel Range Organics (C10-C28)	ND	25.0	1	09/15/22	09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/15/22	09/16/22	
Surrogate: n-Nonane		91.3 %	50-200	09/15/22	09/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2238062
Chloride	ND	20.0	1	09/15/22	09/16/22	_

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/16/2022 3:40:21PM

CS20

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2238055
Benzene	ND	0.0250	1	09/15/22	09/16/22	
Ethylbenzene	ND	0.0250	1	09/15/22	09/16/22	
Toluene	ND	0.0250	1	09/15/22	09/16/22	
o-Xylene	ND	0.0250	1	09/15/22	09/16/22	
p,m-Xylene	ND	0.0500	1	09/15/22	09/16/22	
Total Xylenes	ND	0.0250	1	09/15/22	09/16/22	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2238055
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/15/22	09/16/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.2 %	70-130	09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2238057
Diesel Range Organics (C10-C28)	ND	25.0	1	09/15/22	09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/15/22	09/16/22	
Surrogate: n-Nonane		89.9 %	50-200	09/15/22	09/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2238062
Chloride	ND	20.0	1	09/15/22	09/16/22	· · · · · · · · · · · · · · · · · · ·



Tomb Raider 1-12 Fed # 62H Souder Miller Associates - Carlsbad Project Name: Reported: 201 S Halagueno St. Project Number: 01058-0007 Carlsbad NM, 88220 Project Manager: Heather Woods 9/16/2022 3:40:21PM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2238055-BLK1) Prepared: 09/15/22 Analyzed: 09/15/22 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.94 8.00 99.2 70-130 LCS (2238055-BS1) Prepared: 09/15/22 Analyzed: 09/16/22 4.37 87.4 70-130 5.00 Benzene 0.0250 Ethylbenzene 3.67 0.0250 5.00 73.4 70-130 3.86 0.0250 5.00 77.2 70-130 Toluene 3.72 74.4 o-Xylene 0.0250 5.00 70-130 7.45 10.0 74.5 70-130 0.0500 p.m-Xvlene 74.5 11.2 15.0 70-130 Total Xylenes 0.0250 8.00 99.1 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.93 Matrix Spike (2238055-MS1) Source: E209067-02 Prepared: 09/15/22 Analyzed: 09/16/22 4.84 0.0250 5.00 ND 96.8 54-133 Benzene ND 81.2 61-133 Ethylbenzene 4.06 0.0250 5.00 Toluene 4.28 0.0250 5.00 ND 85.7 61-130 4.13 ND 82.7 63-131 5.00 0.0250 o-Xylene p,m-Xylene 8.25 0.0500 10.0 ND 82.5 63-131 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.04 8.00 Matrix Spike Dup (2238055-MSD1) Source: E209067-02 Prepared: 09/15/22 Analyzed: 09/16/22

4.71

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ND

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ND

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ND

ND

94.1

78.5

82.9

80.3

79.8

79.9

99.8

54-133

61-133

61-130

63-131

63-131

63-131

70-130

2.83

3.39

3 24

2.92

3.38

3.22

20

20

20

20

20

20



Ethylbenzene Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	Reported:
201 S Halagueno St.	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/16/2022 3:40:21PM

Carlsbad NM, 88220		Project Manage	r: He	eather Woods				9/1	6/2022 3:40:21PM	
	Non	Nonhalogenated Organics by EPA 8015D - GRO						Analyst: IY		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes	
Blank (2238055-BLK1)							Prepared: 0	9/15/22 Anal	yzed: 09/15/22	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.40		8.00		80.0	70-130				
LCS (2238055-BS2)							Prepared: 0	9/15/22 Anal	yzed: 09/15/22	
Gasoline Range Organics (C6-C10)	46.7	20.0	50.0		93.4	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.76		8.00		84.5	70-130				
Matrix Spike (2238055-MS2)				Source:	E209067-	02	Prepared: 0	9/15/22 Anal	yzed: 09/15/22	
Gasoline Range Organics (C6-C10)	44.1	20.0	50.0	ND	88.2	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.60		8.00		82.6	70-130				
Matrix Spike Dup (2238055-MSD2)				Source:	E209067-	02	Prepared: 0	9/15/22 Anal	yzed: 09/15/22	
Gasoline Range Organics (C6-C10)	43.4	20.0	50.0	ND	86.8	70-130	1.55	20		
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.80		8.00		84.9	70-130				



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	Reported:
201 S Halagueno St.	Project Number:	01058-0007	-
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/16/2022 3:40:21PM

Carlsbad NM, 88220		Project Manager	r: He	eather Woods				ç	0/16/2022 3:40:21PM
	Nonhal	logenated Or	ganics by l	EPA 8015I	D - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2238057-BLK1)							Prepared: 0	9/15/22 An	alyzed: 09/15/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	40.7		50.0		81.5	50-200			
LCS (2238057-BS1)							Prepared: 0	9/15/22 An	alyzed: 09/15/22
Diesel Range Organics (C10-C28)	240	25.0	250		96.0	38-132			
urrogate: n-Nonane	42.3		50.0		84.6	50-200			
Matrix Spike (2238057-MS1)				Source:	E209067-	09	Prepared: 0	9/15/22 An	alyzed: 09/15/22
Diesel Range Organics (C10-C28)	231	25.0	250	ND	92.5	38-132			
urrogate: n-Nonane	39.9		50.0		79.8	50-200			
Matrix Spike Dup (2238057-MSD1)				Source:	E209067-	09	Prepared: 0	9/15/22 An	alyzed: 09/15/22
Diesel Range Organics (C10-C28)	239	25.0	250	ND	95.5	38-132	3.16	20	
'urrogate: n-Nonane	41.8		50.0		83.6	50-200			



Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	C	Tomb Raider 1- 01058-0007 Heather Woods	12 Fed # 6	2Н			Reported: 9/16/2022 3:40:21PM
		Anions l	by EPA	300.0/9056 <i>A</i>	\				Analyst: RAS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2238062-BLK1)							Prepared: 0	9/15/22 <i>F</i>	Analyzed: 09/15/22
Chloride	ND	20.0							
LCS (2238062-BS1)							Prepared: 0	9/15/22 <i>A</i>	Analyzed: 09/15/22
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2238062-MS1)				Source:	E209067-0)1	Prepared: 0	9/15/22 A	Analyzed: 09/15/22
Chloride	866	20.0	250	676	76.1	80-120			M2
Matrix Spike Dup (2238062-MSD1)				Source:	E209067-0)1	Prepared: 0	9/15/22 A	Analyzed: 09/15/22
Chloride	894	20.0	250	676	87.3	80-120	3.19	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	09/16/22 15:40

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Received by OCD: 4/25/2023 12:52:09 PM

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J. 1117	1 CSI2			*	12				11				X		1		v
	1 (313				13								X				
41 9/12/22/5011					14								X				
42 9/12/22/5011	1 CS14				15								X				
143 9/12/22/SOIL	1 (CS15				10	1							X				
144 9 12 22 501	1 CSIL				17	1				-		+	X				
145 9/12/22/5011	i CSI7				1 1	+			-	+	1	+		\vdash	+		
146 9/12/22/5011	1 CS18				18	-			-	+	-	+	X	1	+		
147 9/12/22/SOIL	1 cs19				19	-		_	-	-	+	+	>	+	+	- 1,1	
148 9/12/22/5011	1 (520				20							1	Y				
dditional Instructions:		ands.	Samol	nmay S	Schlea	. (OPP	1-0	100	24	n C	DD	dr	nar	1		
Field sempler), attest to the validity and auti	henticity of this sample. I am ass	are that tamper	ring with or intentic	ra:ly mislabelling the sa	mple location, date of		750		J	Cam	elec commitme th	ermal pre	of te ut	n must be fec sbove 3 but fe	erved on K	e the day they a Consubsequen	ere samplec
ime of collection is considered fraud and ma-	y be grounds for legal action, San	npled by:	1) /, V Y	1	Dare	=	Time	-		1				Lab Us	e Only	1	
elinquished by: (Signature)	9/12/22 3	30PM		1101	9-14	170	13	OC)	Re	eceived c	n ice	: (N			
elinquistred by (Sanature)	2-11-99 III	415	Received by	tolut	£ 9/1.	5/2		_	40) T	1		_ <u>T</u>	2		<u>T3</u>	
Reinquisived by: (Signature)	Date Tim	ne	Received by:	(Signature)	Date		Time			A	VG Temp	°C_	4				
	ludge, A - Aqueous, O - Other			e Hazardous sample	Contai	ner Tu	me. B	- sla	SS. D -	poly	//plastic, a	g - an	nber	alass, v -	VOA		

envirotech

Received by OCD: 4/25/2023 12:52:09 PM

envirotech Inc.

Printed: 9/15/2022 10:56:32AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client: Souder Miller Associates - Carlsbad	Date Received:	09/15/22	10:40		Work Order ID:	E209067
Phone: (575) 200-5443	Date Logged In:	09/14/22	16:54		Logged In By:	Caitlin Christian
Email:	Due Date:	09/16/22	17:00 (1 day TAT)			
Chain of Custody (COC)						
1. Does the sample ID match the COC?		Yes				
2. Does the number of samples per sampling site location	match the COC	Yes				
3. Were samples dropped off by client or carrier?		Yes	Carrier: <u>U</u>	<u>IPS</u>		
4. Was the COC complete, i.e., signatures, dates/times, re	quested analyses?	Yes				
 Were all samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this dist 		Yes			Comment	s/Resolution
Sample Turn Around Time (TAT)			Γ			
6. Did the COC indicate standard TAT, or Expedited TAT	?	Yes				
Sample Cooler						
7. Was a sample cooler received?		Yes				
8. If yes, was cooler received in good condition?		Yes				
9. Was the sample(s) received intact, i.e., not broken?		Yes				
10. Were custody/security seals present?						
11. If yes, were custody/security seals intact?		No				
• / •	400 : 60,000	NA				
12. Was the sample received on ice? If yes, the recorded temp is Note: Thermal preservation is not required, if sampl minutes of sampling	es are received w/i 15	Yes				
13. If no visible ice, record the temperature. Actual sar	nple temperature: 4°	<u>C</u>				
Sample Container						
14. Are aqueous VOC samples present?		No				
15. Are VOC samples collected in VOA Vials?		NA				
16. Is the head space less than 6-8 mm (pea sized or less)	?	NA				
17. Was a trip blank (TB) included for VOC analyses?		NA				
18. Are non-VOC samples collected in the correct contain		Yes				
19. Is the appropriate volume/weight or number of sample co	ntainers collected?	Yes				
Field Label						
20. Were field sample labels filled out with the minimum	information:	3.7				
Sample ID? Date/Time Collected?		Yes	L			
Collectors name?		Yes No				
Sample Preservation		110				
21. Does the COC or field labels indicate the samples we	re preserved?	No				
22. Are sample(s) correctly preserved?	1	NA				
24. Is lab filteration required and/or requested for dissolv	ed metals?	No				
Multiphase Sample Matrix						
26. Does the sample have more than one phase, i.e., mult	inhase?	No				
27. If yes, does the COC specify which phase(s) is to be a	-	NA				
	mary zea:	NA				
Subcontract Laboratory						
28. Are samples required to get sent to a subcontract laborate to the samples required to get sent to a subcontract laborate to the samples required to get sent to a subcontract laborate to get sent to get	•	No				
29. Was a subcontract laboratory specified by the client a	nd if so who?	NA	Subcontract Lab:	: na		
Client Instruction						
						()

Date

Signature of client authorizing changes to the COC or sample disposition.

Report to:
Heather Woods



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





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Practical Solutions for a Better Tomorrow

Analytical Report

Souder Miller Associates - Carlsbad

Project Name: Tomb Raider 1-12 Fed- 62H

Work Order: E209113

Job Number: 01058-0007

Received: 9/21/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/26/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 9/26/22

Heather Woods 201 S Halagueno St. Carlsbad, NM 88220

Project Name: Tomb Raider 1-12 Fed- 62H

Workorder: E209113

Date Received: 9/21/2022 10:25:00AM

Heather Woods,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/21/2022 10:25:00AM, under the Project Name: Tomb Raider 1-12 Fed- 62H.

The analytical test results summarized in this report with the Project Name: Tomb Raider 1-12 Fed- 62H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

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Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

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West Texas Midland/Odessa Area Rayny Hagan

Technical Representative Office: 505-421-LABS(5227)

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Sample Summary

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	Donoutoda
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	09/26/22 15:17

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SC-1	E209113-01A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-2	E209113-02A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-3	E209113-03A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-4	E209113-04A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-5	E209113-05A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-6	E209113-06A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-7	E209113-07A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-8	E209113-08A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-9	E209113-09A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-10	E209113-10A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-11	E209113-11A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-12	E209113-12A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-13	E209113-13A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-14	E209113-14A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-15	E209113-15A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-16	E209113-16A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-17	E209113-17A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-18	E209113-18A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-19	E209113-19A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-20	E209113-20A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:17:41PM

SC-1 E209113-01

		1207115-01					
Analyte	Result	Reporting Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2239064
Benzene	ND	0.0250		1	09/21/22	09/21/22	
Ethylbenzene	ND	0.0250		1	09/21/22	09/21/22	
Toluene	ND	0.0250		1	09/21/22	09/21/22	
o-Xylene	ND	0.0250		1	09/21/22	09/21/22	
p,m-Xylene	ND	0.0500		1	09/21/22	09/21/22	
Total Xylenes	ND	0.0250		1	09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		102 %	70-130		09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		90.7 %	70-130		09/21/22	09/21/22	
Surrogate: Toluene-d8		97.8 %	70-130		09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2239064
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		102 %	70-130		09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		90.7 %	70-130		09/21/22	09/21/22	
Surrogate: Toluene-d8		97.8 %	70-130		09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2239071
Diesel Range Organics (C10-C28)	250	25.0		1	09/21/22	09/21/22	
Oil Range Organics (C28-C36)	822	50.0		1	09/21/22	09/21/22	
Surrogate: n-Nonane		91.0 %	50-200		09/21/22	09/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2239059
Chloride	435	20.0		1	09/21/22	09/23/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:17:41PM

SC-2 E209113-02

		2207110 02					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:		1 mary 200	Batch: 2239064
Benzene	ND	0.0250		1	09/21/22	09/21/22	Batem 220,000.
Ethylbenzene	ND	0.0250		1	09/21/22	09/21/22	
Toluene	ND	0.0250		1	09/21/22	09/21/22	
o-Xylene	ND	0.0250		1	09/21/22	09/21/22	
p,m-Xylene	ND	0.0500		1	09/21/22	09/21/22	
Total Xylenes	ND	0.0250		1	09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		102 %	70-130		09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		93.1 %	70-130		09/21/22	09/21/22	
Surrogate: Toluene-d8		97.7 %	70-130		09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2239064
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		102 %	70-130		09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		93.1 %	70-130		09/21/22	09/21/22	
Surrogate: Toluene-d8		97.7 %	70-130		09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: JL		Batch: 2239071
Diesel Range Organics (C10-C28)	40.8	25.0		1	09/21/22	09/24/22	
Oil Range Organics (C28-C36)	63.5	50.0		1	09/21/22	09/24/22	
Surrogate: n-Nonane		98.2 %	50-200		09/21/22	09/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2239059
Chloride	544	20.0	_	1	09/21/22	09/24/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:17:41PM

SC-3 E209113-03

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: IY		Batch: 2239064
Benzene	ND	0.0250	1	09/21/22	09/21/22	
Ethylbenzene	ND	0.0250	1	09/21/22	09/21/22	
Toluene	ND	0.0250	1	09/21/22	09/21/22	
o-Xylene	ND	0.0250	1	09/21/22	09/21/22	
p,m-Xylene	ND	0.0500	1	09/21/22	09/21/22	
Total Xylenes	ND	0.0250	1	09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		99.1 %	70-130	09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		92.4 %	70-130	09/21/22	09/21/22	
Surrogate: Toluene-d8		97.0 %	70-130	09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: IY		Batch: 2239064
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		99.1 %	70-130	09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		92.4 %	70-130	09/21/22	09/21/22	
Surrogate: Toluene-d8		97.0 %	70-130	09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: JL		Batch: 2239071
Diesel Range Organics (C10-C28)	59.6	25.0	1	09/21/22	09/21/22	
Oil Range Organics (C28-C36)	115	50.0	1	09/21/22	09/21/22	
Surrogate: n-Nonane		92.0 %	50-200	09/21/22	09/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: RAS		Batch: 2239059
Chloride	1970	20.0	1	09/21/22	09/24/22	·

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:17:41PM

SC-4

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2239064
Benzene	ND	0.0250		1	09/21/22	09/21/22	
Ethylbenzene	ND	0.0250		1	09/21/22	09/21/22	
Toluene	ND	0.0250		1	09/21/22	09/21/22	
o-Xylene	ND	0.0250		1	09/21/22	09/21/22	
p,m-Xylene	ND	0.0500		1	09/21/22	09/21/22	
Total Xylenes	ND	0.0250		1	09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		101 %	70-130		09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		90.9 %	70-130		09/21/22	09/21/22	
Surrogate: Toluene-d8		98.2 %	70-130		09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2239064
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		101 %	70-130		09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		90.9 %	70-130		09/21/22	09/21/22	
Surrogate: Toluene-d8		98.2 %	70-130		09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: Љ		Batch: 2239071
Diesel Range Organics (C10-C28)	85.3	25.0		1	09/21/22	09/21/22	
Oil Range Organics (C28-C36)	142	50.0		1	09/21/22	09/21/22	
Surrogate: n-Nonane		93.2 %	50-200		09/21/22	09/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2239059
Chloride	1310	20.0		1	09/21/22	09/24/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:17:41PM

SC-5 E209113-05

		2207110 00					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2239064
Benzene	ND	0.0250		1	09/21/22	09/21/22	
Ethylbenzene	ND	0.0250		1	09/21/22	09/21/22	
Toluene	ND	0.0250		1	09/21/22	09/21/22	
o-Xylene	ND	0.0250		1	09/21/22	09/21/22	
p,m-Xylene	ND	0.0500		1	09/21/22	09/21/22	
Total Xylenes	ND	0.0250		1	09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		100 %	70-130		09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		90.5 %	70-130		09/21/22	09/21/22	
Surrogate: Toluene-d8		97.8 %	70-130		09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2239064
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		100 %	70-130		09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		90.5 %	70-130		09/21/22	09/21/22	
Surrogate: Toluene-d8		97.8 %	70-130		09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: Љ		Batch: 2239071
Diesel Range Organics (C10-C28)	43.6	25.0		1	09/21/22	09/21/22	
Oil Range Organics (C28-C36)	90.0	50.0		1	09/21/22	09/21/22	
Surrogate: n-Nonane		93.3 %	50-200		09/21/22	09/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2239059
Chloride	817	20.0		1	09/21/22	09/24/22	



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12 Fed- 62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/26/20223:17:41PM

SC-6 E209113-06

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2239064
Benzene	ND	0.0250		1	09/21/22	09/21/22	
Ethylbenzene	ND	0.0250		1	09/21/22	09/21/22	
Toluene	ND	0.0250		1	09/21/22	09/21/22	
o-Xylene	ND	0.0250		1	09/21/22	09/21/22	
p,m-Xylene	ND	0.0500		1	09/21/22	09/21/22	
Total Xylenes	ND	0.0250	·	1	09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		100 %	70-130		09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		92.2 %	70-130		09/21/22	09/21/22	
Surrogate: Toluene-d8		97.9 %	70-130		09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2239064
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		100 %	70-130		09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		92.2 %	70-130		09/21/22	09/21/22	
Surrogate: Toluene-d8		97.9 %	70-130		09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	ЛL		Batch: 2239071
Diesel Range Organics (C10-C28)	31.1	25.0		1	09/21/22	09/21/22	
Oil Range Organics (C28-C36)	74.5	50.0		1	09/21/22	09/21/22	
Surrogate: n-Nonane		90.5 %	50-200		09/21/22	09/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2239059
	215	20.0		1	09/21/22	09/24/22	-



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:17:41PM

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E209113-07									
		Reporting							
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes		
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2239064		
Benzene	ND	0.0250	1	l	09/21/22	09/21/22			
Ethylbenzene	ND	0.0250	1	[09/21/22	09/21/22			
Toluene	ND	0.0250	1	l	09/21/22	09/21/22			
o-Xylene	ND	0.0250	1	[09/21/22	09/21/22			
p,m-Xylene	ND	0.0500	1	l	09/21/22	09/21/22			
Total Xylenes	ND	0.0250	1	l	09/21/22	09/21/22			
Surrogate: Bromofluorobenzene		99.3 %	70-130		09/21/22	09/21/22			
Surrogate: 1,2-Dichloroethane-d4		90.0 %	70-130		09/21/22	09/21/22			
Surrogate: Toluene-d8		97.5 %	70-130		09/21/22	09/21/22			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2239064		
Gasoline Range Organics (C6-C10)	ND	20.0	1	I	09/21/22	09/21/22			
Surrogate: Bromofluorobenzene		99.3 %	70-130		09/21/22	09/21/22			
Surrogate: 1,2-Dichloroethane-d4		90.0 %	70-130		09/21/22	09/21/22			
Surrogate: Toluene-d8		97.5 %	70-130		09/21/22	09/21/22			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL			Batch: 2239071		
Diesel Range Organics (C10-C28)	189	25.0	1	1	09/21/22	09/21/22			
Oil Range Organics (C28-C36)	252	50.0	1	l .	09/21/22	09/21/22			
Surrogate: n-Nonane		85.4 %	50-200		09/21/22	09/21/22			
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RA	S		Batch: 2239059		

20.0

09/21/22

09/24/22

1980



Chloride

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:17:41PM

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		2207110 00				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
	mg/kg	mg/kg		nalyst: IY	1 mary zea	Batch: 2239064
Volatile Organic Compounds by EPA 8260B	ND	0.0250	1	09/21/22	09/21/22	Batch: 2237004
Benzene	ND ND	0.0250	1	09/21/22	09/21/22	
Ethylbenzene	ND ND	0.0250	1	09/21/22	09/21/22	
Toluene			1	09/21/22	09/21/22	
o-Xylene	ND	0.0250	1	09/21/22	09/21/22	
p,m-Xylene	ND	0.0500	1	09/21/22	09/21/22	
Total Xylenes	ND	0.0250	1	09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		102 %	70-130	09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		89.5 %	70-130	09/21/22	09/21/22	
Surrogate: Toluene-d8		97.8 %	70-130	09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2239064
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		102 %	70-130	09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		89.5 %	70-130	09/21/22	09/21/22	
Surrogate: Toluene-d8		97.8 %	70-130	09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: JL		Batch: 2239071
Diesel Range Organics (C10-C28)	254	25.0	1	09/21/22	09/21/22	
Oil Range Organics (C28-C36)	293	50.0	1	09/21/22	09/21/22	
Surrogate: n-Nonane		84.1 %	50-200	09/21/22	09/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: RAS		Batch: 2239059
Chloride	2110	20.0	1	09/21/22	09/24/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:17:41PM

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		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2239064
Benzene	ND	0.0250	1	l	09/21/22	09/21/22	
Ethylbenzene	ND	0.0250	1	1	09/21/22	09/21/22	
Toluene	ND	0.0250	1	1	09/21/22	09/21/22	
o-Xylene	ND	0.0250	1	1	09/21/22	09/21/22	
p,m-Xylene	ND	0.0500	1	1	09/21/22	09/21/22	
Total Xylenes	ND	0.0250	1	1	09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		100 %	70-130		09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		88.0 %	70-130		09/21/22	09/21/22	
Surrogate: Toluene-d8		97.4 %	70-130		09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2239064
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		100 %	70-130		09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		88.0 %	70-130		09/21/22	09/21/22	
Surrogate: Toluene-d8		97.4 %	70-130		09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg		Analyst:	JL		Batch: 2239071
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/21/22	09/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/21/22	09/22/22	
Surrogate: n-Nonane		93.0 %	50-200		09/21/22	09/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2239059
Chloride	1520	20.0	1		09/21/22	09/24/22	



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12 Fed- 62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/26/20223:17:41PM

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		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2239064
Benzene	ND	0.0250		1	09/21/22	09/21/22	
Ethylbenzene	ND	0.0250		1	09/21/22	09/21/22	
Toluene	ND	0.0250		1	09/21/22	09/21/22	
o-Xylene	ND	0.0250		1	09/21/22	09/21/22	
p,m-Xylene	ND	0.0500		1	09/21/22	09/21/22	
Total Xylenes	ND	0.0250		1	09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		99.2 %	70-130		09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		90.8 %	70-130		09/21/22	09/21/22	
Surrogate: Toluene-d8		97.1 %	70-130		09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2239064
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		99.2 %	70-130		09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		90.8 %	70-130		09/21/22	09/21/22	
Surrogate: Toluene-d8		97.1 %	70-130		09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2239071
Diesel Range Organics (C10-C28)	55.4	25.0		1	09/21/22	09/22/22	
Oil Range Organics (C28-C36)	127	50.0		1	09/21/22	09/22/22	
Surrogate: n-Nonane		97.3 %	50-200		09/21/22	09/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2239059
Chloride	599	20.0		1	09/21/22	09/24/22	



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12 Fed- 62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/26/20223:17:41PM

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		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		Batch: 2239064
Benzene	ND	0.0250	1		09/21/22	09/21/22	
Ethylbenzene	ND	0.0250	1		09/21/22	09/21/22	
Toluene	ND	0.0250	1		09/21/22	09/21/22	
o-Xylene	ND	0.0250	1		09/21/22	09/21/22	
p,m-Xylene	ND	0.0500	1		09/21/22	09/21/22	
Total Xylenes	ND	0.0250	1		09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		101 %	70-130		09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		90.4 %	70-130		09/21/22	09/21/22	
Surrogate: Toluene-d8		97.5 %	70-130		09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg		Analyst: IY			Batch: 2239064
Gasoline Range Organics (C6-C10)	ND	20.0	1	ļ.	09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		101 %	70-130		09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		90.4 %	70-130		09/21/22	09/21/22	
Surrogate: Toluene-d8		97.5 %	70-130		09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg		Analyst: J	πL		Batch: 2239071
Diesel Range Organics (C10-C28)	41.7	25.0	1		09/21/22	09/22/22	
Oil Range Organics (C28-C36)	167	50.0	1	l	09/21/22	09/22/22	
Surrogate: n-Nonane		99.8 %	50-200		09/21/22	09/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	RAS		Batch: 2239059
	968	20.0	1		09/21/22	09/24/22	· · · · · · · · · · · · · · · · · · ·



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12 Fed- 62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/26/20223:17:41PM

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		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: Г	Y		Batch: 2239064
Benzene	ND	0.0250	1		09/21/22	09/21/22	
Ethylbenzene	ND	0.0250	1		09/21/22	09/21/22	
Toluene	ND	0.0250	1		09/21/22	09/21/22	
o-Xylene	ND	0.0250	1		09/21/22	09/21/22	
p,m-Xylene	ND	0.0500	1		09/21/22	09/21/22	
Total Xylenes	ND	0.0250	1		09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		98.6 %	70-130		09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		88.7 %	70-130		09/21/22	09/21/22	
Surrogate: Toluene-d8		98.1 %	70-130		09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	٠	Analyst: I	Y		Batch: 2239064
Gasoline Range Organics (C6-C10)	ND	20.0	1	ļ.	09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		98.6 %	70-130		09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		88.7 %	70-130		09/21/22	09/21/22	
Surrogate: Toluene-d8		98.1 %	70-130		09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: J	L		Batch: 2239071
Diesel Range Organics (C10-C28)	33.1	25.0	1		09/21/22	09/22/22	
Oil Range Organics (C28-C36)	55.9	50.0	1	<u> </u>	09/21/22	09/22/22	
Surrogate: n-Nonane	·	96.5 %	50-200		09/21/22	09/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: F	RAS		Batch: 2239059
Amons by EFA 500.0/9030A							



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:17:41PM

SC-13 E209113-13

	P. 1.	Reporting	D.11				N.
Analyte	Result	Limit	Dili	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2239064
Benzene	ND	0.0250		1	09/21/22	09/21/22	
Ethylbenzene	ND	0.0250		1	09/21/22	09/21/22	
Toluene	ND	0.0250		1	09/21/22	09/21/22	
o-Xylene	ND	0.0250		1	09/21/22	09/21/22	
p,m-Xylene	ND	0.0500		1	09/21/22	09/21/22	
Total Xylenes	ND	0.0250		1	09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		99.5 %	70-130		09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		92.0 %	70-130		09/21/22	09/21/22	
Surrogate: Toluene-d8		97.1 %	70-130		09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2239064
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		99.5 %	70-130		09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		92.0 %	70-130		09/21/22	09/21/22	
Surrogate: Toluene-d8		97.1 %	70-130		09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2239071
Diesel Range Organics (C10-C28)	31.7	25.0		1	09/21/22	09/22/22	
Oil Range Organics (C28-C36)	ND	50.0		1	09/21/22	09/22/22	
Surrogate: n-Nonane		94.9 %	50-200	·	09/21/22	09/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2239059
Chloride	937	20.0		1	09/21/22	09/24/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:17:41PM

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E209113-14

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2239064
Benzene	ND	0.0250	1		09/21/22	09/21/22	
Ethylbenzene	ND	0.0250	1		09/21/22	09/21/22	
Toluene	ND	0.0250	1		09/21/22	09/21/22	
o-Xylene	ND	0.0250	1		09/21/22	09/21/22	
p,m-Xylene	ND	0.0500	1		09/21/22	09/21/22	
Total Xylenes	ND	0.0250	1		09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130		09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		92.4 %	70-130		09/21/22	09/21/22	
Surrogate: Toluene-d8		96.6 %	70-130		09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	٠	Analyst:	IY		Batch: 2239064
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130		09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		92.4 %	70-130		09/21/22	09/21/22	
Surrogate: Toluene-d8		96.6 %	70-130		09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: .	JL		Batch: 2239071
Diesel Range Organics (C10-C28)	ND	25.0	1		09/21/22	09/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	l	09/21/22	09/22/22	
Surrogate: n-Nonane		94.7 %	50-200		09/21/22	09/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2239059



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:17:41PM

SC-15 E209113-15

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2239064
Benzene	ND	0.0250		1	09/21/22	09/21/22	
Ethylbenzene	ND	0.0250		1	09/21/22	09/21/22	
Toluene	ND	0.0250		1	09/21/22	09/21/22	
o-Xylene	ND	0.0250		1	09/21/22	09/21/22	
p,m-Xylene	ND	0.0500		1	09/21/22	09/21/22	
Total Xylenes	ND	0.0250		1	09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		97.8 %	70-130		09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		92.1 %	70-130		09/21/22	09/21/22	
Surrogate: Toluene-d8		98.3 %	70-130		09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2239064
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		97.8 %	70-130		09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		92.1 %	70-130		09/21/22	09/21/22	
Surrogate: Toluene-d8		98.3 %	70-130		09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2239071
Diesel Range Organics (C10-C28)	302	25.0		1	09/21/22	09/22/22	
Oil Range Organics (C28-C36)	482	50.0		1	09/21/22	09/22/22	
Surrogate: n-Nonane		93.4 %	50-200		09/21/22	09/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2239059
Chloride	819	20.0		1	09/21/22	09/24/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:17:41PM

SC-16 E209113-16

Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
,	mg/kg	mg/kg		Analyst		1 mary 2ea	Batch: 2239064
Volatile Organic Compounds by EPA 8260B Benzene	ND	0.0250		1	09/21/22	09/21/22	Batch: 2237004
Ethylbenzene	ND	0.0250		1	09/21/22	09/21/22	
Toluene	ND	0.0250		1	09/21/22	09/21/22	
o-Xylene	ND	0.0250		1	09/21/22	09/21/22	
p,m-Xylene	ND	0.0500		1	09/21/22	09/21/22	
Total Xylenes	ND	0.0250		1	09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		99.8 %	70-130		09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		93.1 %	70-130		09/21/22	09/21/22	
Surrogate: Toluene-d8		97.2 %	70-130		09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2239064
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		99.8 %	70-130		09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		93.1 %	70-130		09/21/22	09/21/22	
Surrogate: Toluene-d8		97.2 %	70-130		09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: Л		Batch: 2239071
Diesel Range Organics (C10-C28)	32.3	25.0		1	09/21/22	09/22/22	
Oil Range Organics (C28-C36)	82.0	50.0		1	09/21/22	09/22/22	
Surrogate: n-Nonane		92.6 %	50-200		09/21/22	09/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: RAS		Batch: 2239059
Chloride	527	20.0		1	09/21/22	09/24/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:17:41PM

SC-17 E209113-17

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2239064
Benzene	ND	0.0250	1		09/21/22	09/21/22	
Ethylbenzene	ND	0.0250	1		09/21/22	09/21/22	
Toluene	ND	0.0250	1		09/21/22	09/21/22	
o-Xylene	ND	0.0250	1		09/21/22	09/21/22	
p,m-Xylene	ND	0.0500	1		09/21/22	09/21/22	
Total Xylenes	ND	0.0250	1		09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		99.4 %	70-130		09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		89.9 %	70-130		09/21/22	09/21/22	
Surrogate: Toluene-d8		98.7 %	70-130		09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY	?		Batch: 2239064
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		99.4 %	70-130		09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		89.9 %	70-130		09/21/22	09/21/22	
Surrogate: Toluene-d8		98.7 %	70-130		09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL	_		Batch: 2239071
Diesel Range Organics (C10-C28)	ND	25.0	1		09/21/22	09/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1		09/21/22	09/22/22	
Surrogate: n-Nonane		95.0 %	50-200		09/21/22	09/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: R.	AS		Batch: 2239059
Chloride	925	20.0	1		09/21/22	09/24/22	·



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:17:41PM

SC-18

		E209113-18					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2239064
Benzene	ND	0.0250		1	09/21/22	09/21/22	
Ethylbenzene	ND	0.0250		1	09/21/22	09/21/22	
Toluene	ND	0.0250		1	09/21/22	09/21/22	
o-Xylene	ND	0.0250		1	09/21/22	09/21/22	
p,m-Xylene	ND	0.0500		1	09/21/22	09/21/22	
Total Xylenes	ND	0.0250		1	09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		97.9 %	70-130		09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		89.7 %	70-130		09/21/22	09/21/22	
Surrogate: Toluene-d8		97.0 %	70-130		09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2239064
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		97.9 %	70-130		09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		89.7 %	70-130		09/21/22	09/21/22	
Surrogate: Toluene-d8		97.0 %	70-130		09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2239071
Diesel Range Organics (C10-C28)	29.8	25.0		1	09/21/22	09/22/22	
Oil Range Organics (C28-C36)	ND	50.0		1	09/21/22	09/22/22	
Surrogate: n-Nonane		92.2 %	50-200		09/21/22	09/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2239059
		•			•		•

20.0

674

09/21/22

09/24/22



Chloride

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:17:41PM

SC-19

		E209113-19					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2239064
Benzene	ND	0.0250		1	09/21/22	09/21/22	
Ethylbenzene	ND	0.0250		1	09/21/22	09/21/22	
Toluene	ND	0.0250		1	09/21/22	09/21/22	
o-Xylene	ND	0.0250		1	09/21/22	09/21/22	
p,m-Xylene	ND	0.0500		1	09/21/22	09/21/22	
Total Xylenes	ND	0.0250		1	09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		99.4 %	70-130		09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130		09/21/22	09/21/22	
Surrogate: Toluene-d8		98.8 %	70-130		09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2239064
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/21/22	09/21/22	
Surrogate: Bromofluorobenzene		99.4 %	70-130		09/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130		09/21/22	09/21/22	
Surrogate: Toluene-d8		98.8 %	70-130		09/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: ЛL		Batch: 2239071
Diesel Range Organics (C10-C28)	ND	25.0		1	09/21/22	09/22/22	
Oil Range Organics (C28-C36)	ND	50.0		1	09/21/22	09/22/22	
Surrogate: n-Nonane		95.8 %	50-200		09/21/22	09/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: RAS		Batch: 2239059
Chloride	510	20.0		1	09/21/22	09/24/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:17:41PM

SC-20 E209113-20

		1207110 20					
Analyte	Result	Reporting Limit	Dilu	tion P	repared	Analyzed	Notes
				Analyst: IY	parea	2 mary 200	Batch: 2239064
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg			0/21/22	00/21/22	Baicn: 2239004
Benzene	ND	0.0250	1		9/21/22	09/21/22	
Ethylbenzene	ND	0.0250	1		9/21/22	09/21/22	
Toluene	ND	0.0250	1		9/21/22	09/21/22	
o-Xylene	ND	0.0250	1		9/21/22	09/21/22	
p,m-Xylene	ND	0.0500	1		9/21/22	09/21/22	
Total Xylenes	ND	0.0250	1	0	9/21/22	09/21/22	
Surrogate: Bromofluorobenzene		97.5 %	70-130	0	9/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		91.0 %	70-130	0	9/21/22	09/21/22	
Surrogate: Toluene-d8		97.8 %	70-130	0	9/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY			Batch: 2239064
Gasoline Range Organics (C6-C10)	ND	20.0	1	. 0	9/21/22	09/21/22	
Surrogate: Bromofluorobenzene		97.5 %	70-130	0	9/21/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4		91.0 %	70-130	0.	9/21/22	09/21/22	
Surrogate: Toluene-d8		97.8 %	70-130	0	9/21/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL			Batch: 2239071
Diesel Range Organics (C10-C28)	272	25.0	1	0	9/21/22	09/22/22	
Oil Range Organics (C28-C36)	368	50.0	1	. 0	9/21/22	09/22/22	
Surrogate: n-Nonane		94.8 %	50-200	0	9/21/22	09/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: RAS			Batch: 2239059
Chloride	1100	20.0	1	0	9/21/22	09/24/22	



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12 Fed- 62HReported:201 S Halagueno St.Project Number:01058-0007Carlsbad NM, 88220Project Manager:Heather Woods9/26/20223:17:41PM

Carlsbad NM, 88220		Project Manager:	Н	eather Woods				9/2	6/2022 3:17:41PM
	7	Volatile Organic	Compo	unds by EP	A 82601	В			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2239064-BLK1)							Prepared: 09	9/21/22 Anal	yzed: 09/21/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.467		0.500		93.4	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.2	70-130			
LCS (2239064-BS1)							Prepared: 09	9/21/22 Anal	yzed: 09/21/22
Benzene	2.31	0.0250	2.50		92.5	70-130			
Ethylbenzene	2.41	0.0250	2.50		96.4	70-130			
Toluene	2.28	0.0250	2.50		91.0	70-130			
o-Xylene	2.44	0.0250	2.50		97.8	70-130			
,m-Xylene	4.77	0.0500	5.00		95.4	70-130			
Total Xylenes	7.22	0.0250	7.50		96.2	70-130			
Surrogate: Bromofluorobenzene	0.522		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.449		0.500		89.8	70-130			
Surrogate: Toluene-d8	0.494		0.500		98.7	70-130			
LCS Dup (2239064-BSD1)							Prepared: 09	9/21/22 Anal	yzed: 09/21/22
Benzene	2.29	0.0250	2.50		91.4	70-130	1.15	23	
Ethylbenzene	2.40	0.0250	2.50		95.9	70-130	0.458	27	
Foluene	2.25	0.0250	2.50		89.8	70-130	1.33	24	
o-Xylene	2.43	0.0250	2.50		97.2	70-130	0.574	27	
o,m-Xylene	4.75	0.0500	5.00		94.9	70-130	0.483	27	
Total Xylenes	7.18	0.0250	7.50		95.7	70-130	0.514	27	
Surrogate: Bromofluorobenzene	0.525		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.452		0.500		90.4	70-130			

0.500

70-130



Surrogate: Toluene-d8

0.500

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12 Fed- 62HReported:201 S Halagueno St.Project Number:01058-0007Carlsbad NM, 88220Project Manager:Heather Woods9/26/20223:17:41PM

Nonhalogenated	Organics by	EPA	.8015D -	GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

Blank (2239064-BLK1)						Prepared: 0	9/21/22 A1	nalyzed: 09/21/22
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: Bromofluorobenzene	0.503		0.500	101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.467		0.500	93.4	70-130			
Surrogate: Toluene-d8	0.491		0.500	98.2	70-130			
LCS (2239064-BS2)						Prepared: 0	9/21/22 Aı	nalyzed: 09/21/22
Gasoline Range Organics (C6-C10)	40.1	20.0	50.0	80.2	70-130			
Surrogate: Bromofluorobenzene	0.508		0.500	102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.445		0.500	89.0	70-130			
Surrogate: Toluene-d8	0.497		0.500	99.3	70-130			
LCS Dup (2239064-BSD2)						Prepared: 0	9/21/22 Aı	nalyzed: 09/22/22
Gasoline Range Organics (C6-C10)	41.6	20.0	50.0	83.2	70-130	3.66	20	
Surrogate: Bromofluorobenzene	0.520		0.500	104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.421		0.500	84.2	70-130			
Surrogate: Toluene-d8	0.505		0.500	101	70-130			



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	Reported:
201 S Halagueno St.	Project Number:	01058-0007	•
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:17:41PM

Carlsbad NM, 88220		Project Manage	r: He	eather Woods					9/26/2022 3:17:41PM
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2239071-BLK1)							Prepared: 0	9/21/22 A	nalyzed: 09/21/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.2		50.0		94.4	50-200			
LCS (2239071-BS1)							Prepared: 0	9/21/22 A	nalyzed: 09/21/22
Diesel Range Organics (C10-C28)	268	25.0	250		107	38-132			
urrogate: n-Nonane	48.8		50.0		97.5	50-200			
Matrix Spike (2239071-MS1)				Source:	E209113-	09	Prepared: 0	9/21/22 A	nalyzed: 09/21/22
Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	38-132			
Surrogate: n-Nonane	44.7		50.0		89.3	50-200			
Matrix Spike Dup (2239071-MSD1)				Source:	E209113-0	09	Prepared: 0	9/21/22 A	analyzed: 09/21/22
Diesel Range Organics (C10-C28)	271	25.0	250	ND	108	38-132	0.998	20	
Surrogate: n-Nonane	44.2		50.0		88.4	50-200			



Souder Miller Associates - Carlsbad 201 S Halagueno St.	Project Name: Project Number:	(Tomb Raider 1- 01058-0007	12 Fed- 62	Н			Reported:	
Carlsbad NM, 88220		Project Manager:	ŀ	Heather Woods					9/26/2022 3:17:41PM
		Anions	by EPA	300.0/9056 <i>A</i>	1				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2239059-BLK1)							Prepared: 0	9/21/22 <i>A</i>	Analyzed: 09/23/22
Chloride	ND	20.0							
LCS (2239059-BS1)							Prepared: 0	9/21/22 A	Analyzed: 09/23/22
Chloride	249	20.0	250		99.5	90-110			
Matrix Spike (2239059-MS1)				Source:	E209113-0)1	Prepared: 0	9/21/22 A	Analyzed: 09/23/22
Chloride	661	20.0	250	435	90.5	80-120			
Matrix Spike Dup (2239059-MSD1)				Source:	E209113-()1	Prepared: 0	9/21/22 A	Analyzed: 09/23/22
Chloride	749	20.0	250	435	126	80-120	12.5	20	M2

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

ſ	Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
١	201 S Halagueno St.	Project Number:	01058-0007	Reported:
١	Carlsbad NM, 88220	Project Manager:	Heather Woods	09/26/22 15:17

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



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Additional Instructions: POICG SPICE	Joods, Sarahmay 5	chle	Ωı.°	4 (<u>ر</u>	۲٥ر		الم	<u> 11</u>	0	∞	<u> </u>	<u> 104</u>	he day they are sempled =
(field sampler), attest to the validity and authenticity of this sample. I am aware	that tampering with or importionally mislabelling the sample						(5):	nples :eau ened pac	ned to less as intelligibles	an svin	S UZ SQU ASTAC	ve 3 but 'est	stan é C	he day they are sampled = on subsequent days
time of collection is considered fraud and may be grounds for legal action. Sample	Learner verifier (Signature)	(Date	Vac	\ \Tin	יאף	12	10/1				يتر	ab Use	Only	
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Sample Matrix: 5 - Sol. Sd - Solid, Sg - Sludge, A - Aqueous, O - Other_ Note: Samples are discarded 30 days after results are reported unless of						4 46 37	ام د طه	Ant arn	ance Th	a -end	re for t	he anai vs	12 Ot : 15	POONS POR PIES 19 BAI

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Page 32 of 33

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ect 10mb Ruather Woods ject Manager: Heather Woods tress: 2015 Halaqueno	City, State, Zip	[/	Analy	sis and	d N°etho	d 1	—т		NM CO	
iress: 201 5 Halaqueno , State, Zip Carlsbad, NM 86220	Phone:		. 1	- 1	ļ			1	- 1	1 1		1	X	1-1-
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(field sampler), strest to the validity and authenticity of this sample. I am aver- time of collection is considered fraud and may be grounds for legal action. Sampler	e that tampering shirt of interior 2.7, while the day.						<u>_r</u>	201100 080	rked in ICE 874	an avg ur		Use On		
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Sample Matrix: S - Sol. Sd - Solid, Sg - Sludge. A - Aqueous, O - Other, Note: Samples are discarded 30 days after results are reported unless.		Contai	iner T	vpe:	g - g	ass, p					r glass	, v - VOA	1	

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Printed: 9/21/2022 2:56:06PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client: Souder Miller Associates - Carlsbad	Date Received:	09/21/22	10:25	Work Order ID:	E209113
Phone: (575) 200-5443	Date Logged In:	09/20/22	17:02	Logged In By:	Alexa Michaels
Email:	Due Date:	09/22/22	17:00 (1 day TAT)		
Chain of Custody (COC)					
1. Does the sample ID match the COC?		Yes			
2. Does the number of samples per sampling site location	match the COC	Yes			
3. Were samples dropped off by client or carrier?		Yes	Carrier: U	PS	
4. Was the COC complete, i.e., signatures, dates/times, re	quested analyses?	Yes	_		
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conduct i.e, 15 minute hold time, are not included in this dist	•	Yes		Commen	ts/Resolution
Sample Turn Around Time (TAT)	icssion.		ſ		
6. Did the COC indicate standard TAT, or Expedited TAT	?	Yes		Project Tomb Raider 1-	12-62H has been
Sample Cooler				split into multiple WO	due to sample
7. Was a sample cooler received?		Yes		volume. WO# are as fo	-
8. If yes, was cooler received in good condition?		Yes			110W3. L2071137
9. Was the sample(s) received intact, i.e., not broken?		Yes		E209114 / E209115	
10. Were custody/security seals present?		No			
11. If yes, were custody/security seals intact?		NO NA			
Was the sample received on ice? If yes, the recorded temp is Note: Thermal preservation is not required, if sample minutes of sampling		Yes			
13. If no visible ice, record the temperature. Actual sar	nple temperature: 4°	<u>°C</u>			
Sample Container					
14. Are aqueous VOC samples present?		No			
15. Are VOC samples collected in VOA Vials?		NA			
16. Is the head space less than 6-8 mm (pea sized or less)	?	NA			
17. Was a trip blank (TB) included for VOC analyses?		NA			
18. Are non-VOC samples collected in the correct contain	ners?	Yes			
19. Is the appropriate volume/weight or number of sample co	ntainers collected?	Yes			
<u>Field Label</u> 20. Were field sample labels filled out with the minimum	information:				
Sample ID?		Yes			
Date/Time Collected?		Yes	L		
Collectors name?		No			
Sample Preservation	10	2.7			
21. Does the COC or field labels indicate the samples we	re preserved?	No			
22. Are sample(s) correctly preserved?24. Is lab filteration required and/or requested for dissolv	ad matalo?	NA No			
	ed metals?	No			
Multiphase Sample Matrix					
26. Does the sample have more than one phase, i.e., mult		No			
27. If yes, does the COC specify which phase(s) is to be a	nalyzed?	NA			
Subcontract Laboratory					
28. Are samples required to get sent to a subcontract labor	•	No			
·-	•	No NA	Subcontract Lab	: NA	

Report to:
Heather Woods



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





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Practical Solutions for a Better Tomorrow

Analytical Report

Souder Miller Associates - Carlsbad

Project Name: Tomb Raider 1-12 Fed- 62H

Work Order: E209114

Job Number: 01058-0007

Received: 9/21/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/26/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 9/26/22

Heather Woods 201 S Halagueno St. Carlsbad, NM 88220

Project Name: Tomb Raider 1-12 Fed- 62H

Workorder: E209114

Date Received: 9/21/2022 10:25:00AM

Heather Woods,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/21/2022 10:25:00AM, under the Project Name: Tomb Raider 1-12 Fed- 62H.

The analytical test results summarized in this report with the Project Name: Tomb Raider 1-12 Fed- 62H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

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rainaschwanz@envirotech-inc.com

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Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com



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Sample Summary

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	Reported:
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	09/26/22 15:19

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SC-21	E209114-01A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-22	E209114-02A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-23	E209114-03A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-24	E209114-04A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-25	E209114-05A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-26	E209114-06A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-27	E209114-07A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-28	E209114-08A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-29	E209114-09A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-30	E209114-10A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-31	E209114-11A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-32	E209114-12A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-33	E209114-13A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-34	E209114-14A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-35	E209114-15A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-36	E209114-16A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-37	E209114-17A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-38	E209114-18A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-39	E209114-19A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.
SC-40	E209114-20A	Soil	09/19/22	09/21/22	Glass Jar, 4 oz.



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:19:59PM

SC-21 E209114-01

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2239065
Benzene	ND	0.0250		1	09/21/22	09/22/22	
Ethylbenzene	ND	0.0250		1	09/21/22	09/22/22	
Toluene	ND	0.0250		1	09/21/22	09/22/22	
o-Xylene	ND	0.0250		1	09/21/22	09/22/22	
p,m-Xylene	ND	0.0500		1	09/21/22	09/22/22	
Total Xylenes	ND	0.0250		1	09/21/22	09/22/22	
Surrogate: Bromofluorobenzene		98.2 %	70-130		09/21/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130		09/21/22	09/22/22	
Surrogate: Toluene-d8		104 %	70-130		09/21/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2239065
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/21/22	09/22/22	
Surrogate: Bromofluorobenzene		98.2 %	70-130		09/21/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130		09/21/22	09/22/22	
Surrogate: Toluene-d8		104 %	70-130		09/21/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2239072
Diesel Range Organics (C10-C28)	214	25.0		1	09/21/22	09/21/22	
Oil Range Organics (C28-C36)	172	50.0		1	09/21/22	09/21/22	
Surrogate: n-Nonane		81.0 %	50-200		09/21/22	09/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2239061
Chloride	3500	40.0		2	09/21/22	09/26/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:19:59PM

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2239065
Benzene	ND	0.0250		1	09/21/22	09/22/22	
Ethylbenzene	ND	0.0250		1	09/21/22	09/22/22	
Toluene	ND	0.0250		1	09/21/22	09/22/22	
o-Xylene	ND	0.0250		1	09/21/22	09/22/22	
p,m-Xylene	ND	0.0500		1	09/21/22	09/22/22	
Total Xylenes	ND	0.0250		1	09/21/22	09/22/22	
Surrogate: Bromofluorobenzene		96.8 %	70-130		09/21/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130		09/21/22	09/22/22	
Surrogate: Toluene-d8		107 %	70-130		09/21/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2239065
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/21/22	09/22/22	
Surrogate: Bromofluorobenzene		96.8 %	70-130		09/21/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130		09/21/22	09/22/22	
Surrogate: Toluene-d8		107 %	70-130		09/21/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2239072
Diesel Range Organics (C10-C28)	49.8	25.0		1	09/21/22	09/21/22	
Oil Range Organics (C28-C36)	84.3	50.0		1	09/21/22	09/21/22	
Surrogate: n-Nonane		78.3 %	50-200		09/21/22	09/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2239061



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:19:59PM

E20		

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2239065
Benzene	ND	0.0250	1	1	09/21/22	09/22/22	
Ethylbenzene	ND	0.0250	1	1	09/21/22	09/22/22	
Toluene	ND	0.0250	1	1	09/21/22	09/22/22	
o-Xylene	ND	0.0250	1	1	09/21/22	09/22/22	
p,m-Xylene	ND	0.0500	1	1	09/21/22	09/22/22	
Total Xylenes	ND	0.0250	1	1	09/21/22	09/22/22	
Surrogate: Bromofluorobenzene		95.1 %	70-130		09/21/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4		92.1 %	70-130		09/21/22	09/22/22	
Surrogate: Toluene-d8		106 %	70-130		09/21/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2239065
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/21/22	09/22/22	
Surrogate: Bromofluorobenzene		95.1 %	70-130		09/21/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4		92.1 %	70-130		09/21/22	09/22/22	
Surrogate: Toluene-d8		106 %	70-130		09/21/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2239072
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/21/22	09/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/21/22	09/21/22	
Surrogate: n-Nonane		79.6 %	50-200		09/21/22	09/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2239061

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:19:59PM

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2239065
Benzene	ND	0.0250		1	09/21/22	09/22/22	
Ethylbenzene	ND	0.0250		1	09/21/22	09/22/22	
Toluene	ND	0.0250		1	09/21/22	09/22/22	
o-Xylene	ND	0.0250		1	09/21/22	09/22/22	
p,m-Xylene	ND	0.0500		1	09/21/22	09/22/22	
Total Xylenes	ND	0.0250	Ī	1	09/21/22	09/22/22	
Surrogate: Bromofluorobenzene		95.1 %	70-130		09/21/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130		09/21/22	09/22/22	
Surrogate: Toluene-d8		104 %	70-130		09/21/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2239065
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/21/22	09/22/22	
Surrogate: Bromofluorobenzene		95.1 %	70-130		09/21/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130		09/21/22	09/22/22	
Surrogate: Toluene-d8		104 %	70-130		09/21/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2239072
Diesel Range Organics (C10-C28)	26.1	25.0		1	09/21/22	09/21/22	
Oil Range Organics (C28-C36)	ND	50.0		1	09/21/22	09/21/22	
Surrogate: n-Nonane		83.5 %	50-200		09/21/22	09/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2239061
		·			·	09/23/22	

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:19:59PM

E209114-05

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2239065
Benzene	ND	0.0250	1		09/21/22	09/22/22	
Ethylbenzene	ND	0.0250	1		09/21/22	09/22/22	
Toluene	ND	0.0250	1	l	09/21/22	09/22/22	
o-Xylene	ND	0.0250	1	l	09/21/22	09/22/22	
p,m-Xylene	ND	0.0500	1		09/21/22	09/22/22	
Total Xylenes	ND	0.0250	1		09/21/22	09/22/22	
Surrogate: Bromofluorobenzene		96.9 %	70-130		09/21/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130		09/21/22	09/22/22	
Surrogate: Toluene-d8		106 %	70-130		09/21/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2239065
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/21/22	09/22/22	
Surrogate: Bromofluorobenzene		96.9 %	70-130		09/21/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130		09/21/22	09/22/22	
Surrogate: Toluene-d8		106 %	70-130		09/21/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	ЛL		Batch: 2239072
Diesel Range Organics (C10-C28)	40.4	25.0	1		09/21/22	09/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1		09/21/22	09/21/22	
Surrogate: n-Nonane		85.9 %	50-200		09/21/22	09/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2239061
					09/21/22	09/23/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:19:59PM

SC-26 E209114-06

	D. I	Reporting			D 1		N. A
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IY			Batch: 2239065
Benzene	ND	0.0250	1		09/21/22	09/22/22	
Ethylbenzene	ND	0.0250	1		09/21/22	09/22/22	
Toluene	ND	0.0250	1		09/21/22	09/22/22	
o-Xylene	ND	0.0250	1		09/21/22	09/22/22	
p,m-Xylene	ND	0.0500	1		09/21/22	09/22/22	
Total Xylenes	ND	0.0250	1		09/21/22	09/22/22	
Surrogate: Bromofluorobenzene		95.8 %	70-130		09/21/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130		09/21/22	09/22/22	
Surrogate: Toluene-d8		105 %	70-130		09/21/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY			Batch: 2239065
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/21/22	09/22/22	
Surrogate: Bromofluorobenzene		95.8 %	70-130		09/21/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130		09/21/22	09/22/22	
Surrogate: Toluene-d8		105 %	70-130		09/21/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL			Batch: 2239072
Diesel Range Organics (C10-C28)	821	25.0	1		09/21/22	09/21/22	
Oil Range Organics (C28-C36)	857	50.0	1		09/21/22	09/21/22	
Surrogate: n-Nonane		81.7 %	50-200		09/21/22	09/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: RA	S		Batch: 2239061
Chloride	2530	20.0	1		09/21/22	09/23/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:19:59PM

SC-27

E209114-07 Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: IY Batch: 2239065 mg/kg mg/kg Volatile Organic Compounds by EPA 8260B 09/21/22 09/22/22 ND 0.0250 Benzene 09/22/22 1 09/21/22 Ethylbenzene ND 0.0250ND 0.0250 1 09/21/22 09/22/22 Toluene 1 09/21/22 09/22/22 o-Xylene ND 0.02501 09/21/22 09/22/22 ND 0.0500 p,m-Xylene 09/22/22 09/21/22 1 Total Xylenes ND 0.0250 09/22/22 09/21/22 Surrogate: Bromofluorobenzene 99.5 % 70-130 09/22/22 Surrogate: 1,2-Dichloroethane-d4 95.7% 70-130 09/21/22 Surrogate: Toluene-d8 106 % 70-130 09/21/22 09/22/22 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: IY Batch: 2239065 ND 1 09/21/22 09/22/22 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 99.5 % 09/21/22 09/22/22 70-130 09/21/22 09/22/22 Surrogate: 1,2-Dichloroethane-d4 95.7 % 70-130 Surrogate: Toluene-d8 09/21/22 09/22/22 106 % 70-130 mg/kg Analyst: JL Batch: 2239072 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 09/21/22 09/24/22 773 25.0 1 Diesel Range Organics (C10-C28) 681 50.0 1 09/21/22 09/24/22 Oil Range Organics (C28-C36) 103 % 50-200 09/21/22 09/24/22 Surrogate: n-Nonane Anions by EPA 300.0/9056A mg/kg mg/kg Analyst: RAS Batch: 2239061

40.0

3470

2

09/21/22

09/23/22



Chloride

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:19:59PM

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		Reporting					
Analyte	Result	Limit	Dilı	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2239065
Benzene	ND	0.0250		1	09/21/22	09/22/22	
Ethylbenzene	ND	0.0250		1	09/21/22	09/22/22	
Toluene	ND	0.0250		1	09/21/22	09/22/22	
o-Xylene	ND	0.0250		1	09/21/22	09/22/22	
p,m-Xylene	ND	0.0500		1	09/21/22	09/22/22	
Total Xylenes	ND	0.0250		1	09/21/22	09/22/22	
Surrogate: Bromofluorobenzene		98.7 %	70-130		09/21/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130		09/21/22	09/22/22	
Surrogate: Toluene-d8		106 %	70-130		09/21/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2239065
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/21/22	09/22/22	
Surrogate: Bromofluorobenzene		98.7 %	70-130		09/21/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130		09/21/22	09/22/22	
Surrogate: Toluene-d8		106 %	70-130		09/21/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2239072
Diesel Range Organics (C10-C28)	37.5	25.0		1	09/21/22	09/21/22	
Oil Range Organics (C28-C36)	ND	50.0		1	09/21/22	09/21/22	
Surrogate: n-Nonane		85.4 %	50-200		09/21/22	09/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2239061
	636	20.0			09/21/22	09/23/22	



Oil Range Organics (C28-C36)

Anions by EPA 300.0/9056A

Surrogate: n-Nonane

Chloride

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:19:59PM

SC-29 E209114-09

Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: IY Batch: 2239065 mg/kg mg/kg Volatile Organic Compounds by EPA 8260B 09/21/22 09/22/22 ND 0.0250 Benzene 09/22/22 1 09/21/22 Ethylbenzene ND 0.0250ND 0.0250 1 09/21/22 09/22/22 Toluene 1 09/21/22 09/22/22 o-Xylene ND 0.02501 09/21/22 09/22/22 ND 0.0500 p,m-Xylene 09/22/22 09/21/22 1 Total Xylenes ND 0.0250 09/22/22 97.9 % 09/21/22 Surrogate: Bromofluorobenzene 70-130 09/22/22 Surrogate: 1,2-Dichloroethane-d4 97.5 % 70-130 09/21/22 Surrogate: Toluene-d8 104 % 70-130 09/21/22 09/22/22 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: IY Batch: 2239065 ND 1 09/21/22 09/22/22 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 97.9 % 09/21/22 09/22/22 70-130 97.5 % 09/21/22 09/22/22 Surrogate: 1,2-Dichloroethane-d4 70-130 Surrogate: Toluene-d8 09/21/22 09/22/22 104 % 70-130 mg/kg Analyst: JL Batch: 2239072 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 09/21/22 09/22/22 25.0 1 41.5 Diesel Range Organics (C10-C28)

50.0

mg/kg

20.0

79.7 %

1

Analyst: RAS

50-200

09/21/22

09/21/22

09/21/22

09/22/22

09/22/22

09/23/22

Batch: 2239061

ND

mg/kg

527

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:19:59PM

SC-30

E209114-10

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2239065
Benzene	ND	0.0250	1		09/21/22	09/22/22	
Ethylbenzene	ND	0.0250	1		09/21/22	09/22/22	
Toluene	ND	0.0250	1		09/21/22	09/22/22	
o-Xylene	ND	0.0250	1		09/21/22	09/22/22	
p,m-Xylene	ND	0.0500	1		09/21/22	09/22/22	
Total Xylenes	ND	0.0250	1		09/21/22	09/22/22	
Surrogate: Bromofluorobenzene		96.7 %	70-130		09/21/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4		89.2 %	70-130		09/21/22	09/22/22	
Surrogate: Toluene-d8		105 %	70-130		09/21/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst:	IY		Batch: 2239065
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/21/22	09/22/22	
Surrogate: Bromofluorobenzene		96.7 %	70-130		09/21/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4		89.2 %	70-130		09/21/22	09/22/22	
Surrogate: Toluene-d8		105 %	70-130		09/21/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2239072
Diesel Range Organics (C10-C28)	342	25.0	1		09/21/22	09/22/22	
Oil Range Organics (C28-C36)	283	50.0	1	Į.	09/21/22	09/22/22	
Surrogate: n-Nonane		82.6 %	50-200		09/21/22	09/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2239061



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:19:59PM

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E209114-11

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2239065
Benzene	ND	0.0250		1	09/21/22	09/23/22	
Ethylbenzene	ND	0.0250		1	09/21/22	09/23/22	
Toluene	ND	0.0250		1	09/21/22	09/23/22	
o-Xylene	ND	0.0250		1	09/21/22	09/23/22	
p,m-Xylene	ND	0.0500		1	09/21/22	09/23/22	
Total Xylenes	ND	0.0250	į	1	09/21/22	09/23/22	
Surrogate: Bromofluorobenzene		97.4 %	70-130		09/21/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		09/21/22	09/23/22	
Surrogate: Toluene-d8		104 %	70-130		09/21/22	09/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2239065
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/21/22	09/23/22	
Surrogate: Bromofluorobenzene		97.4 %	70-130		09/21/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		09/21/22	09/23/22	
Surrogate: Toluene-d8		104 %	70-130		09/21/22	09/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2239072
Diesel Range Organics (C10-C28)	ND	25.0		1	09/21/22	09/22/22	
Oil Range Organics (C28-C36)	ND	50.0		1	09/21/22	09/22/22	
Surrogate: n-Nonane		82.9 %	50-200		09/21/22	09/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2239061
					09/21/22	09/23/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:19:59PM

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		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2239065
Benzene	ND	0.0250		1	09/21/22	09/23/22	
Ethylbenzene	ND	0.0250		1	09/21/22	09/23/22	
Toluene	ND	0.0250		1	09/21/22	09/23/22	
o-Xylene	ND	0.0250		1	09/21/22	09/23/22	
p,m-Xylene	ND	0.0500		1	09/21/22	09/23/22	
Total Xylenes	ND	0.0250	1	1	09/21/22	09/23/22	
Surrogate: Bromofluorobenzene		97.4 %	70-130		09/21/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130		09/21/22	09/23/22	
Surrogate: Toluene-d8		106 %	70-130		09/21/22	09/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2239065
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/21/22	09/23/22	
Surrogate: Bromofluorobenzene		97.4 %	70-130		09/21/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130		09/21/22	09/23/22	
Surrogate: Toluene-d8		106 %	70-130		09/21/22	09/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2239072
Diesel Range Organics (C10-C28)	ND	25.0		1	09/21/22	09/22/22	
Oil Range Organics (C28-C36)	ND	50.0		1	09/21/22	09/22/22	
Surrogate: n-Nonane		71.6 %	50-200		09/21/22	09/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2239061



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:19:59PM

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2239065
Benzene	ND	0.0250	1	1	09/21/22	09/23/22	
Ethylbenzene	ND	0.0250	1	1	09/21/22	09/23/22	
Toluene	ND	0.0250	1	1	09/21/22	09/23/22	
o-Xylene	ND	0.0250	1	1	09/21/22	09/23/22	
p,m-Xylene	ND	0.0500	1	1	09/21/22	09/23/22	
Total Xylenes	ND	0.0250	1	1	09/21/22	09/23/22	
Surrogate: Bromofluorobenzene	·	97.5 %	70-130		09/21/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		09/21/22	09/23/22	
Surrogate: Toluene-d8		106 %	70-130		09/21/22	09/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2239065
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/21/22	09/23/22	
Surrogate: Bromofluorobenzene		97.5 %	70-130		09/21/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		09/21/22	09/23/22	
Surrogate: Toluene-d8		106 %	70-130		09/21/22	09/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	ЛL		Batch: 2239072
Diesel Range Organics (C10-C28)	86.0	25.0	1	1	09/21/22	09/22/22	
Oil Range Organics (C28-C36)	55.3	50.0	1	1	09/21/22	09/22/22	
Surrogate: n-Nonane		72.9 %	50-200		09/21/22	09/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2239061
· · · · · · · · · · · · · · · · · · ·	245	20.0			09/21/22	09/23/22	<u> </u>



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:19:59PM

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E209114-14

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2239065
Benzene	ND	0.0250		1	09/21/22	09/23/22	
Ethylbenzene	ND	0.0250		1	09/21/22	09/23/22	
Toluene	ND	0.0250		1	09/21/22	09/23/22	
o-Xylene	ND	0.0250		1	09/21/22	09/23/22	
p,m-Xylene	ND	0.0500		1	09/21/22	09/23/22	
Total Xylenes	ND	0.0250	Ī	1	09/21/22	09/23/22	
Surrogate: Bromofluorobenzene		95.5 %	70-130		09/21/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		09/21/22	09/23/22	
Surrogate: Toluene-d8		105 %	70-130		09/21/22	09/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2239065
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/21/22	09/23/22	
Surrogate: Bromofluorobenzene		95.5 %	70-130		09/21/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		09/21/22	09/23/22	
Surrogate: Toluene-d8		105 %	70-130		09/21/22	09/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2239072
Diesel Range Organics (C10-C28)	37.9	25.0		1	09/21/22	09/22/22	
Oil Range Organics (C28-C36)	ND	50.0		1	09/21/22	09/22/22	
Surrogate: n-Nonane		74.3 %	50-200		09/21/22	09/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2239061
	1420	20.0			09/21/22	09/23/22	<u> </u>



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:19:59PM

SC-35 E209114-15

Austra	Dl4	Reporting Limit	Dilut	.: P		J. N.A
Analyte	Result	Limit	Dilut	tion Prepa	ared Analyze	d Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2239065
Benzene	ND	0.0250	1	09/21	/22 09/23/22	2
Ethylbenzene	ND	0.0250	1	09/21	/22 09/23/22	2
Toluene	ND	0.0250	1	09/21	/22 09/23/22	2
o-Xylene	ND	0.0250	1	09/21	/22 09/23/22	2
p,m-Xylene	ND	0.0500	1	09/21	/22 09/23/22	2
Total Xylenes	ND	0.0250	1	09/21	/22 09/23/22	2
Surrogate: Bromofluorobenzene		95.0 %	70-130	09/21	09/23/2	2
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130	09/21	09/23/2	2
Surrogate: Toluene-d8		105 %	70-130	09/21	09/23/2.	2
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2239065
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/21	/22 09/23/22	2
Surrogate: Bromofluorobenzene		95.0 %	70-130	09/21	09/23/2	2
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130	09/21	09/23/2	2
Surrogate: Toluene-d8		105 %	70-130	09/21	7/22 09/23/2.	2
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2239072
Diesel Range Organics (C10-C28)	41.6	25.0	1	09/21	/22 09/22/22	2
Oil Range Organics (C28-C36)	ND	50.0	1	09/21	/22 09/22/22	2
Surrogate: n-Nonane		72.6 %	50-200	09/21	1/22 09/22/2.	2
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2239061
Chloride	618	20.0	1	09/21	/22 09/23/22	2



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:19:59PM

SC-36

E209114-16

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2239065
Benzene	ND	0.0250		1	09/21/22	09/23/22	
Ethylbenzene	ND	0.0250		1	09/21/22	09/23/22	
Toluene	ND	0.0250		1	09/21/22	09/23/22	
o-Xylene	ND	0.0250		1	09/21/22	09/23/22	
p,m-Xylene	ND	0.0500		1	09/21/22	09/23/22	
Total Xylenes	ND	0.0250	Ī	1	09/21/22	09/23/22	
Surrogate: Bromofluorobenzene		96.4 %	70-130		09/21/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		09/21/22	09/23/22	
Surrogate: Toluene-d8		106 %	70-130		09/21/22	09/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2239065
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/21/22	09/23/22	
Surrogate: Bromofluorobenzene		96.4 %	70-130		09/21/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		09/21/22	09/23/22	
Surrogate: Toluene-d8		106 %	70-130		09/21/22	09/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	ЛL		Batch: 2239072
Diesel Range Organics (C10-C28)	39.2	25.0		1	09/21/22	09/22/22	
Oil Range Organics (C28-C36)	ND	50.0		1	09/21/22	09/22/22	
Surrogate: n-Nonane		78.9 %	50-200		09/21/22	09/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2239061
					09/21/22	09/23/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:19:59PM

SC-37 E209114-17

		22071111					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
			Dii			7 mary zea	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			Batch: 2239065
Benzene	ND	0.0250		1	09/21/22	09/23/22	
Ethylbenzene	ND	0.0250		1	09/21/22	09/23/22	
Toluene	ND	0.0250		1	09/21/22	09/23/22	
o-Xylene	ND	0.0250		1	09/21/22	09/23/22	
p,m-Xylene	ND	0.0500		1	09/21/22	09/23/22	
Total Xylenes	ND	0.0250		1	09/21/22	09/23/22	
Surrogate: Bromofluorobenzene		96.3 %	70-130		09/21/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130		09/21/22	09/23/22	
Surrogate: Toluene-d8		104 %	70-130		09/21/22	09/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2239065
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/21/22	09/23/22	
Surrogate: Bromofluorobenzene		96.3 %	70-130		09/21/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130		09/21/22	09/23/22	
Surrogate: Toluene-d8		104 %	70-130		09/21/22	09/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2239072
Diesel Range Organics (C10-C28)	48.0	25.0		1	09/21/22	09/22/22	
Oil Range Organics (C28-C36)	ND	50.0		1	09/21/22	09/22/22	
Surrogate: n-Nonane		88.3 %	50-200		09/21/22	09/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2239061
Chloride	1030	20.0		1	09/21/22	09/23/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:19:59PM

SC-38

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		Reporting					
Analyte	Result	Limit	Dilu	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2239065
Benzene	ND	0.0250		1	09/21/22	09/23/22	
Ethylbenzene	ND	0.0250		1	09/21/22	09/23/22	
Toluene	ND	0.0250]	1	09/21/22	09/23/22	
o-Xylene	ND	0.0250		1	09/21/22	09/23/22	
p,m-Xylene	ND	0.0500		1	09/21/22	09/23/22	
Total Xylenes	ND	0.0250		1	09/21/22	09/23/22	
Surrogate: Bromofluorobenzene		94.3 %	70-130		09/21/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		09/21/22	09/23/22	
Surrogate: Toluene-d8		105 %	70-130		09/21/22	09/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2239065
Gasoline Range Organics (C6-C10)	ND	20.0	:	1	09/21/22	09/23/22	
Surrogate: Bromofluorobenzene		94.3 %	70-130		09/21/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		09/21/22	09/23/22	
Surrogate: Toluene-d8		105 %	70-130		09/21/22	09/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2239072
Diesel Range Organics (C10-C28)	ND	25.0		1	09/21/22	09/22/22	
Oil Range Organics (C28-C36)	ND	50.0		1	09/21/22	09/22/22	
Surrogate: n-Nonane		87.9 %	50-200		09/21/22	09/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2239061
Chloride	916	20.0		1	09/21/22	09/24/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:19:59PM

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E2091	14-1	9
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		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2239065
Benzene	ND	0.0250		1	09/21/22	09/23/22	
Ethylbenzene	ND	0.0250		1	09/21/22	09/23/22	
Toluene	ND	0.0250		1	09/21/22	09/23/22	
o-Xylene	ND	0.0250		1	09/21/22	09/23/22	
p,m-Xylene	ND	0.0500		1	09/21/22	09/23/22	
Total Xylenes	ND	0.0250		1	09/21/22	09/23/22	
Surrogate: Bromofluorobenzene		99.6 %	70-130		09/21/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130		09/21/22	09/23/22	
Surrogate: Toluene-d8		106 %	70-130		09/21/22	09/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2239065
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/21/22	09/23/22	
Surrogate: Bromofluorobenzene		99.6 %	70-130		09/21/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130		09/21/22	09/23/22	
Surrogate: Toluene-d8		106 %	70-130		09/21/22	09/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: Л		Batch: 2239072
Diesel Range Organics (C10-C28)	97.0	25.0		1	09/21/22	09/22/22	
Oil Range Organics (C28-C36)	144	50.0		1	09/21/22	09/22/22	
Surrogate: n-Nonane		87.2 %	50-200		09/21/22	09/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: RAS		Batch: 2239061
Chloride	1910	20.0		1	09/21/22	09/24/22	

Г	Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
	201 S Halagueno St.	Project Number:	01058-0007	Reported:
	Carlsbad NM, 88220	Project Manager:	Heather Woods	9/26/2022 3:19:59PM

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E209114-20

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2239065
Benzene	ND	0.0250		1	09/21/22	09/23/22	
Ethylbenzene	ND	0.0250		1	09/21/22	09/23/22	
Toluene	ND	0.0250		1	09/21/22	09/23/22	
o-Xylene	ND	0.0250		1	09/21/22	09/23/22	
p,m-Xylene	ND	0.0500		1	09/21/22	09/23/22	
Total Xylenes	ND	0.0250		1	09/21/22	09/23/22	
Surrogate: Bromofluorobenzene		97.6 %	70-130		09/21/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130		09/21/22	09/23/22	
Surrogate: Toluene-d8		107 %	70-130		09/21/22	09/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2239065
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/21/22	09/23/22	
Surrogate: Bromofluorobenzene		97.6 %	70-130		09/21/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130		09/21/22	09/23/22	
Surrogate: Toluene-d8		107 %	70-130		09/21/22	09/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2239072
Diesel Range Organics (C10-C28)	252	25.0		1	09/21/22	09/22/22	
Oil Range Organics (C28-C36)	234	50.0		1	09/21/22	09/22/22	
Surrogate: n-Nonane		73.2 %	50-200		09/21/22	09/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2239061
Chloride	2860	20.0		1	09/21/22	09/24/22	



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12 Fed- 62HReported:201 S Halagueno St.Project Number:01058-0007Carlsbad NM, 88220Project Manager:Heather Woods9/26/20223:19:59PM

Carlsbad NM, 88220		Project Manage	r: He						
	Vo	olatile Organ	ic Compo	unds by EF	PA 82601	В			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2239065-BLK1)							Prepared: 09	9/21/22 Ana	lyzed: 09/22/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.486		0.500		97.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.463		0.500		92.6	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			
LCS (2239065-BS1)							Prepared: 09	9/21/22 Ana	lyzed: 09/22/22
Benzene	2.43	0.0250	2.50		97.2	70-130			
Ethylbenzene	2.51	0.0250	2.50		100	70-130			
Toluene	2.47	0.0250	2.50		98.6	70-130			
o-Xylene	2.34	0.0250	2.50		93.8	70-130			
o,m-Xylene	4.68	0.0500	5.00		93.5	70-130			
Total Xylenes	7.02	0.0250	7.50		93.6	70-130			
Surrogate: Bromofluorobenzene	0.489		0.500		97.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.2	70-130			
Surrogate: Toluene-d8	0.531		0.500		106	70-130			
LCS Dup (2239065-BSD1)							Prepared: 09	9/21/22 Ana	lyzed: 09/22/22
Benzene	2.44	0.0250	2.50		97.4	70-130	0.247	23	
Ethylbenzene	2.51	0.0250	2.50		100	70-130	0.0797	27	
Toluene	2.45	0.0250	2.50		98.0	70-130	0.590	24	
o-Xylene	2.36	0.0250	2.50		94.4	70-130	0.638	27	
o,m-Xylene	4.68	0.0500	5.00		93.6	70-130	0.0962	27	
Total Xylenes	7.04	0.0250	7.50		93.9	70-130	0.277	27	
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			

0.500

70-130



Surrogate: Toluene-d8

0.531

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12 Fed- 62HReported:201 S Halagueno St.Project Number:01058-0007Carlsbad NM, 88220Project Manager:Heather Woods9/26/20223:19:59PM

Nonhalogenated	Organics by	v EPA 8015D	- GRO

Analyst: IY

Analyte Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

Blank (2239065-BLK1)						Prepared: 09	9/21/22 A	nalyzed: 09/22/22
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: Bromofluorobenzene	0.486		0.500	97.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.463		0.500	92.6	70-130			
Surrogate: Toluene-d8	0.523		0.500	105	70-130			
LCS (2239065-BS2)						Prepared: 09	9/21/22 A	nalyzed: 09/22/22
Gasoline Range Organics (C6-C10)	51.7	20.0	50.0	103	70-130			
Surrogate: Bromofluorobenzene	0.494		0.500	98.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.469		0.500	93.8	70-130			
Surrogate: Toluene-d8	0.541		0.500	108	70-130			
LCS Dup (2239065-BSD2)						Prepared: 09	9/21/22 A	nalyzed: 09/22/22
Gasoline Range Organics (C6-C10)	52.5	20.0	50.0	105	70-130	1.58	20	
Surrogate: Bromofluorobenzene	0.487		0.500	97.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500	95.2	70-130			
Surrogate: Toluene-d8	0.536		0.500	107	70-130			



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12 Fed- 62HReported:201 S Halagueno St.Project Number:01058-0007Carlsbad NM, 88220Project Manager:Heather Woods9/26/20223:19:59PM

Carlsbad NM, 88220		Project Manage	r: He	eather Woods				9.	/26/2022 3:19:59PN
	Nonhal	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2239072-BLK1)							Prepared: 0	9/21/22 Ana	alyzed: 09/21/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	39.1		50.0		78.1	50-200			
LCS (2239072-BS1)							Prepared: 0	9/21/22 Ana	alyzed: 09/21/22
Diesel Range Organics (C10-C28)	234	25.0	250		93.7	38-132			
urrogate: n-Nonane	36.5		50.0		73.1	50-200			
Matrix Spike (2239072-MS1)				Source:	E209114-0	05	Prepared: 0	9/21/22 Ana	alyzed: 09/21/22
Diesel Range Organics (C10-C28)	285	25.0	250	40.4	97.8	38-132			
urrogate: n-Nonane	36.2		50.0		72.4	50-200			
Matrix Spike Dup (2239072-MSD1)				Source:	E209114-0	05	Prepared: 0	9/21/22 Ana	alyzed: 09/21/22
Diesel Range Organics (C10-C28)	260	25.0	250	40.4	87.9	38-132	9.16	20	
Gurrogate: n-Nonane	36.3		50.0		72.6	50-200			



Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	(Tomb Raider 1- 01058-0007 Heather Woods	12 Fed- 62	Н			Reported: 9/26/2022 3:19:59PM
		Anions	by EPA	300.0/9056 <i>A</i>	\				Analyst: RAS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2239061-BLK1)							Prepared: 0	9/21/22 A	nalyzed: 09/23/22
Chloride	ND	20.0							
LCS (2239061-BS1)							Prepared: 0	9/21/22 A	nalyzed: 09/23/22
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2239061-MS1)				Source:	E209114-0)1	Prepared: 0	9/21/22 A	nalyzed: 09/26/22
Chloride	3900	40.0	250	3500	160	80-120			M4
Matrix Spike Dup (2239061-MSD1)				Source:	E209114-0)1	Prepared: 0	9/21/22 A	nalyzed: 09/26/22
Chloride	3630	40.0	250	3500	49.1	80-120	7.36	20	M4

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

ſ	Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed- 62H	
l	201 S Halagueno St.	Project Number:	01058-0007	Reported:
l	Carlsbad NM, 88220	Project Manager:	Heather Woods	09/26/22 15:19

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The

associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

Received by OCD: 4/25/2023 12:52:09 PM

Attention: Description Des	P.U.T.	:			La	b Use	Only		7	TAT		EPA Program
Section 1 Control 1 Contro			Iah \	VO#				mber	1	Q &D	RCR	A CWA SDWA
Size Manager HOANLY MORES And All Manager Sample ID Analysis and Nethod Thomas Dallager 1-12-100th 1 Accessions	 .	PF	Ŷ	u II		3105	\$\frac{1}{2}	FO	X			
### 1 Phone Final Phone oject Manager: HPU-TVIV W/DOOD	:					Inalysis	and N's	thod				
Sensitivities and the property of the property	dense: The Late of		\Box							1		NM CO OT AZ
Additional Instructions: OC 28 OC 29 OC 2	V. Siete, 215 11 13 15 15 15 15 15 15 15 15 15 15 15 15 15		2	₽	į		į				1	1210v1
Additional Instructions: OC 28 OC 29 OC 2	0006		8	8	=	Q	ا ۽	a		2	1 1	11/10/1-1-
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Sample Matrix: S - : Note: Samples are	discarded 30 d	la/s after resu	ults are reported u	nless other a	errangements a	remade Hata	rdous samples w	is to returned I for on the ret	ra cuen	it of Ci	>h0350			p-						
Note: Samples are only to those samp	ies received by	he laborate:	ory with this COC	ine azomty	01 (1)5 (8)001 3[(., 9	oo por													

Printed: 9/21/2022 2:47:28PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Souder Miller Associates - Carlsbad	Date Received:	09/21/22 1	0:25	Work Order ID:	E209114
Phone:	(575) 200-5443	Date Logged In:	09/20/22 1	7:08	Logged In By:	Alexa Michaels
Email:		Due Date:	09/22/22 1	7:00 (1 day TAT)		
	Custody (COC)					
	ne sample ID match the COC?	oh the COC	Yes			
	te number of samples per sampling site location mat	cn the COC	Yes			
	amples dropped off by client or carrier?	stad amalysasa?	Yes Yes	Carrier: <u>U</u>	<u>JPS</u>	
	e COC complete, i.e., signatures, dates/times, request Il samples received within holding time?	sted analyses?	Yes			
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.		ies	ı	Comment	ts/Resolution
	COC indicate standard TAT, or Expedited TAT?		Yes		Project Tomb Raider 1-	12-62H has been
	· •		168		split into multiple WO	
Sample C	cample cooler received?		Yes		volume. WO# are as fol	-
	was cooler received in good condition?		Yes			110WS: E2U9113 /
	e sample(s) received intact, i.e., not broken?				E209114 / E209115	
	custody/security seals present?		Yes			
	were custody/security seals intact?		No NA			
•	e sample received on ice? If yes, the recorded temp is 4°C,	ia 6°±2°C	Yes			
	Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15				
Sample C			_			
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a	trip blank (TB) included for VOC analyses?		NA			
18. Are no	on-VOC samples collected in the correct containers'	?	Yes			
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes			
Field Lab	<u>oel</u>					
20. Were	field sample labels filled out with the minimum info	rmation:				
	ample ID?		Yes			
_	ate/Time Collected? ollectors name?		Yes	<u>'</u>		
	reservation		No			
	the COC or field labels indicate the samples were pr	eserved?	No			
	ample(s) correctly preserved?	eservea.	NA			
	filteration required and/or requested for dissolved n	netals?	No			
	se Sample Matrix		110			
	the sample have more than one phase, i.e., multipha	se?	No			
	does the COC specify which phase(s) is to be analy		NA			
		,204.	INA			
	act Laboratory	9	N.			
	amples required to get sent to a subcontract laborator subcontract laboratory specified by the client and if	•	No NA	Culting and the act T also	N. A	
	• • •	so who:	INA	Subcontract Lab	; NA	
Client Ir	<u>istruction</u>					
						0

Date

Signature of client authorizing changes to the COC or sample disposition.

Report to:
Ashley Maxwell



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Souder Miller Associates - Carlsbad

Project Name: Tomb Raider 1-12 Fed # 62H

Work Order: E206139

Job Number: 01058-0007

Received: 6/17/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/27/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 6/27/22

Ashley Maxwell 201 S Halagueno St. Carlsbad, NM 88220

Project Name: Tomb Raider 1-12 Fed # 62H

Workorder: E206139

Date Received: 6/17/2022 3:14:00PM

Ashley Maxwell,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/17/2022 3:14:00PM, under the Project Name: Tomb Raider 1-12 Fed # 62H.

The analytical test results summarized in this report with the Project Name: Tomb Raider 1-12 Fed # 62H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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Alexa Michaels

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labadmin@envirotech-inc.com

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Technical Representative

West Texas Midland/Odessa Area

Office: 505-421-LABS(5227)

Rayny Hagan

Envirotech Web Address: www.envirotech-inc.com



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Sample Summary

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	Donoutoda
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	06/27/22 12:54

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH37 @ 0'	E206139-01A	Soil	06/09/22	06/17/22	Glass Jar, 4 oz.
BH38 @ 0'	E206139-02A	Soil	06/09/22	06/17/22	Glass Jar, 4 oz.
BH39 @ 0'	E206139-03A	Soil	06/09/22	06/17/22	Glass Jar, 4 oz.
BH40 @ 0'	E206139-04A	Soil	06/09/22	06/17/22	Glass Jar, 4 oz.
BH41 @ 0'	E206139-05A	Soil	06/09/22	06/17/22	Glass Jar, 4 oz.
BH42 @ 0'	E206139-06A	Soil	06/09/22	06/17/22	Glass Jar, 4 oz.
BH43 @ 0'	E206139-07A	Soil	06/09/22	06/17/22	Glass Jar, 4 oz.
BH44 @ 0'	E206139-08A	Soil	06/09/22	06/17/22	Glass Jar, 4 oz.
BH45 @ 0'	E206139-09A	Soil	06/09/22	06/17/22	Glass Jar, 4 oz.
BH46 @ 0'	E206139-10A	Soil	06/09/22	06/17/22	Glass Jar, 4 oz.
BH47 @ 0'	E206139-11A	Soil	06/09/22	06/17/22	Glass Jar, 4 oz.
BH48 @ 0	E206139-12A	Soil	06/09/22	06/17/22	Glass Jar, 4 oz.

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/27/2022 12:54:08PM

BH37 @ 0' E206139-01

E206139-01						
Analyte	Result	Reporting Limit	Dilutio	n Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilutio	ii Frepared	Allalyzeu	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2226040
Benzene	ND	0.0250	1	06/21/22	06/22/22	
Ethylbenzene	ND	0.0250	1	06/21/22	06/22/22	
Toluene	ND	0.0250	1	06/21/22	06/22/22	
o-Xylene	ND	0.0250	1	06/21/22	06/22/22	
p,m-Xylene	ND	0.0500	1	06/21/22	06/22/22	
Total Xylenes	ND	0.0250	1	06/21/22	06/22/22	
Surrogate: 4-Bromochlorobenzene-PID		84.9 %	70-130	06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2226040
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/22	06/22/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.7 %	70-130	06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2226051
Diesel Range Organics (C10-C28)	104	25.0	1	06/21/22	06/23/22	
Oil Range Organics (C28-C36)	347	50.0	1	06/21/22	06/23/22	
Surrogate: n-Nonane		102 %	50-200	06/21/22	06/23/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: KL		Batch: 2226034
Chloride	649	20.0	1	06/21/22	06/24/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/27/2022 12:54:08PM

BH38 @ 0' E206139-02

	1200157 02				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: IY		Batch: 2226040
ND	0.0250	1	06/21/22	06/22/22	
ND	0.0250	1	06/21/22	06/22/22	
ND	0.0250	1	06/21/22	06/22/22	
ND	0.0250	1	06/21/22	06/22/22	
ND	0.0500	1	06/21/22	06/22/22	
ND	0.0250	1	06/21/22	06/22/22	
	85.0 %	70-130	06/21/22	06/22/22	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2226040
ND	20.0	1	06/21/22	06/22/22	
	88.6 %	70-130	06/21/22	06/22/22	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2226051
ND	25.0	1	06/21/22	06/23/22	
ND	50.0	1	06/21/22	06/23/22	
	116 %	50-200	06/21/22	06/23/22	
mg/kg	mg/kg	Anal	yst: KL		Batch: 2226034
3150	40.0	2	06/21/22	06/24/22	
	mg/kg ND Mg/kg ND mg/kg	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0500 ND 0.0250 85.0 % mg/kg MD 20.0 88.6 % mg/kg ND 25.0 ND 50.0 II6 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 85.0 % 70-130 mg/kg mg/kg Anal ND 20.0 1 88.6 % 70-130 mg/kg Mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 116 % 50-200 mg/kg Mg/kg Anal	Reporting Result Limit Dilution Prepared mg/kg Manalyst: IY ND 0.0250 1 06/21/22 ND 0.0250 1 06/21/22 ND 0.0250 1 06/21/22 ND 0.0250 1 06/21/22 ND 0.0500 1 06/21/22 ND 0.0250 1 06/21/22 mg/kg mg/kg Analyst: IY ND 20.0 1 06/21/22 mg/kg mg/kg Analyst: JL ND 25.0 1 06/21/22 ND 50.0 1 06/21/22 ND 50.0 1 06/21/22 ND 50.0 1 06/21/22 Mg/kg Mg/kg Analyst: JL	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 06/21/22 06/22/22 ND 0.0250 1 06/21/22 06/22/22 ND 0.0250 1 06/21/22 06/22/22 ND 0.0500 1 06/21/22 06/22/22 ND 0.0250 1 06/21/22 06/22/22 ND 0.0250 1 06/21/22 06/22/22 mg/kg mg/kg Analyst: IV ND 20.0 1 06/21/22 06/22/22 mg/kg mg/kg Analyst: JL ND 25.0 1 06/21/22 06/23/22 ND 50.0 1 06/21/22 06/23/22 ND 50.0 1 06/21/22 06/23/22 MD 50.0 1 06/21/22 06/23/22 MD 50.0 1 06/21/22



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/27/2022 12:54:08PM

BH39 @ 0' E206139-03

		E200139-03				
Austra	Result	Reporting Limit	Dilution	D 1	A lama d	Notes
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2226040
Benzene	ND	0.0250	1	06/21/22	06/22/22	
Ethylbenzene	ND	0.0250	1	06/21/22	06/22/22	
Toluene	ND	0.0250	1	06/21/22	06/22/22	
o-Xylene	ND	0.0250	1	06/21/22	06/22/22	
p,m-Xylene	ND	0.0500	1	06/21/22	06/22/22	
Total Xylenes	ND	0.0250	1	06/21/22	06/22/22	
Surrogate: 4-Bromochlorobenzene-PID		86.6 %	70-130	06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2226040
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/22	06/22/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.7 %	70-130	06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2226051
Diesel Range Organics (C10-C28)	28.5	25.0	1	06/21/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/23/22	
Surrogate: n-Nonane		114 %	50-200	06/21/22	06/23/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2226034
Chloride	1180	40.0	2	06/21/22	06/24/22	

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/27/2022 12:54:08PM

BH40 @ 0' E206139-04

E200139-04							
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2226040	
Benzene	ND	0.0250	1	06/21/22	06/22/22	,,,,,	
Ethylbenzene	ND	0.0250	1	06/21/22	06/22/22		
Toluene	ND	0.0250	1	06/21/22	06/22/22		
o-Xylene	ND	0.0250	1	06/21/22	06/22/22		
p,m-Xylene	ND	0.0500	1	06/21/22	06/22/22		
Total Xylenes	ND	0.0250	1	06/21/22	06/22/22		
Surrogate: 4-Bromochlorobenzene-PID		87.3 %	70-130	06/21/22	06/22/22		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2226040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/22	06/22/22		
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.5 %	70-130	06/21/22	06/22/22		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KL		Batch: 2226051	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/23/22	_	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/23/22		
Surrogate: n-Nonane		113 %	50-200	06/21/22	06/23/22		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2226034	
Chloride	1360	20.0	1	06/21/22	06/24/22		



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/27/2022 12:54:08PM

BH41 @ 0' E206139-05

Result	Reporting Limit		n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	alyst: IY		Batch: 2226040
ND	0.0250	1	06/21/22	06/22/22	
ND	0.0250	1	06/21/22	06/22/22	
ND	0.0250	1	06/21/22	06/22/22	
ND	0.0250	1	06/21/22	06/22/22	
ND	0.0500	1	06/21/22	06/22/22	
ND	0.0250	1	06/21/22	06/22/22	
	87.0 %	70-130	06/21/22	06/22/22	
mg/kg	mg/kg	Analyst: IY		Batch: 2226040	
ND	20.0	1	06/21/22	06/22/22	
	87.4 %	70-130	06/21/22	06/22/22	
mg/kg	mg/kg	An	alyst: JL		Batch: 2226051
26.8	25.0	1	06/21/22	06/23/22	
51.1	50.0	1	06/21/22	06/23/22	
	108 %	50-200	06/21/22	06/23/22	
mg/kg	mg/kg	An	alyst: KL		Batch: 2226034
1020	20.0	1	06/21/22	06/24/22	
	mg/kg ND ND ND ND ND ND ND The state of the	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 87.0 % mg/kg mg/kg mg/kg ND 20.0 87.4 % mg/kg mg/kg mg/kg 51.1 50.0 108 % mg/kg mg/kg mg/kg	mg/kg mg/kg An ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 87.0 % 70-130 mg/kg mg/kg An ND 20.0 1 87.4 % 70-130 mg/kg mg/kg An 26.8 25.0 1 51.1 50.0 1 108 % 50-200 1 mg/kg mg/kg An	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 06/21/22 ND 0.0250 1 06/21/22 ND 0.0250 1 06/21/22 ND 0.0250 1 06/21/22 ND 0.0500 1 06/21/22 ND 0.0250 1 06/21/22 mg/kg mg/kg Analyst: IY ND 20.0 1 06/21/22 mg/kg mg/kg Analyst: JL mg/kg mg/kg Analyst: JL 26.8 25.0 1 06/21/22 51.1 50.0 1 06/21/22 mg/kg mg/kg Analyst: JL	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 06/21/22 06/22/22 ND 0.0250 1 06/21/22 06/22/22 ND 0.0250 1 06/21/22 06/22/22 ND 0.0500 1 06/21/22 06/22/22 ND 0.0250 1 06/21/22 06/22/22 ND 0.0250 1 06/21/22 06/22/22 87.0 % 70-130 06/21/22 06/22/22 mg/kg mg/kg Analyst: IY ND 20.0 1 06/21/22 06/22/22 87.4 % 70-130 06/21/22 06/22/22 mg/kg mg/kg Analyst: JL 26.8 25.0 1 06/21/22 06/23/22 51.1 50.0 1 06/21/22 06/23/22 mg/kg mg/kg Analyst: KL 06/23/22

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/27/2022 12:54:08PM

BH42 @ 0' E206139-06

	E200137-00				
Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	alyst: IY		Batch: 2226040
ND	0.0250	1	06/21/22	06/22/22	
ND	0.0250	1	06/21/22	06/22/22	
ND	0.0250	1	06/21/22	06/22/22	
ND	0.0250	1	06/21/22	06/22/22	
ND	0.0500	1	06/21/22	06/22/22	
ND	0.0250	1	06/21/22	06/22/22	
	86.8 %	70-130	06/21/22	06/22/22	
mg/kg	mg/kg	Ana	alyst: IY		Batch: 2226040
ND	20.0	1	06/21/22	06/22/22	
	86.2 %	70-130	06/21/22	06/22/22	
mg/kg	mg/kg	Ana	alyst: JL		Batch: 2226051
ND	25.0	1	06/21/22	06/23/22	
ND	50.0	1	06/21/22	06/23/22	
	111 %	50-200	06/21/22	06/23/22	
mg/kg	mg/kg	Ana	alyst: KL		Batch: 2226034
39.2	20.0	1	06/21/22	06/24/22	
	mg/kg ND Mg/kg ND mg/kg	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 86.8 % mg/kg mg/kg mg/kg ND 20.0 86.2 % mg/kg ND 25.0 ND 50.0 111 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Anama ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 86.8 % 70-130 70-130 mg/kg mg/kg Anama ND 20.0 1 86.2 % 70-130 70-130 mg/kg mg/kg Anama ND 25.0 1 ND 50.0 1 111 % 50-200 mg/kg Mg/kg Anama	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 06/21/22 ND 0.0250 1 06/21/22 ND 0.0250 1 06/21/22 ND 0.0500 1 06/21/22 ND 0.0250 1 06/21/22 ND 0.0250 1 06/21/22 mg/kg mg/kg Analyst: IY ND 20.0 1 06/21/22 mg/kg mg/kg Analyst: JL ND 25.0 1 06/21/22 ND 50.0 1 06/21/22 ND 50.0 1 06/21/22 ND 50.0 1 06/21/22 Mg/kg mg/kg Analyst: JL	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 06/21/22 06/22/22 ND 0.0250 1 06/21/22 06/22/22 ND 0.0250 1 06/21/22 06/22/22 ND 0.0500 1 06/21/22 06/22/22 ND 0.0250 1 06/21/22 06/22/22 ND 0.0250 1 06/21/22 06/22/22 mg/kg mg/kg Analyst: IY ND 20.0 1 06/21/22 06/22/22 mg/kg mg/kg Analyst: IJ ND 25.0 1 06/21/22 06/22/22 ND 25.0 1 06/21/22 06/23/22 06/23/22 ND 50.0 1 06/21/22 06/23/22 ND 50.0 1 06/21/22 06/23/22 Mg/kg mg/kg Analyst: KL

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/27/2022 12:54:08PM

BH43 @ 0' E206139-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2226040
Benzene	ND	0.0250	1	06/21/22	06/22/22	
Ethylbenzene	ND	0.0250	1	06/21/22	06/22/22	
Toluene	ND	0.0250	1	06/21/22	06/22/22	
o-Xylene	ND	0.0250	1	06/21/22	06/22/22	
p,m-Xylene	ND	0.0500	1	06/21/22	06/22/22	
Total Xylenes	ND	0.0250	1	06/21/22	06/22/22	
Surrogate: 4-Bromochlorobenzene-PID		87.9 %	70-130	06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2226040
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/22	06/22/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.1 %	70-130	06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: JL		Batch: 2226051
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/23/22	
Surrogate: n-Nonane		108 %	50-200	06/21/22	06/23/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2226034
Chloride	786	20.0	1	06/21/22	06/24/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/27/2022 12:54:08PM

BH44 @ 0' E206139-08

		E200137-00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2226040
Benzene	ND	0.0250	1	06/21/22	06/22/22	
thylbenzene	ND	0.0250	1	06/21/22	06/22/22	
Coluene	ND	0.0250	1	06/21/22	06/22/22	
-Xylene	ND	0.0250	1	06/21/22	06/22/22	
,m-Xylene	ND	0.0500	1	06/21/22	06/22/22	
Total Xylenes	ND	0.0250	1	06/21/22	06/22/22	
Surrogate: 4-Bromochlorobenzene-PID		88.2 %	70-130	06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2226040
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/22	06/22/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.1 %	70-130	06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2226051
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/23/22	
Surrogate: n-Nonane		103 %	50-200	06/21/22	06/23/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2226034
Chloride	ND	20.0	1	06/21/22	06/24/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/27/2022 12:54:08PM

BH45 @ 0' E206139-09

	L200157 07				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	st: IY		Batch: 2226040
ND	0.0250	1	06/21/22	06/22/22	
ND	0.0250	1	06/21/22	06/22/22	
ND	0.0250	1	06/21/22	06/22/22	
ND	0.0250	1	06/21/22	06/22/22	
ND	0.0500	1	06/21/22	06/22/22	
ND	0.0250	1	06/21/22	06/22/22	
	87.3 %	70-130	06/21/22	06/22/22	
mg/kg	mg/kg	Analy	st: IY		Batch: 2226040
ND	20.0	1	06/21/22	06/22/22	
	86.8 %	70-130	06/21/22	06/22/22	
mg/kg	mg/kg	Analy	st: JL		Batch: 2226051
27.3	25.0	1	06/21/22	06/23/22	
ND	50.0	1	06/21/22	06/23/22	
	113 %	50-200	06/21/22	06/23/22	
mg/kg	mg/kg	Analy	st: KL		Batch: 2226034
5670	200	10	06/21/22	06/24/22	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg 27.3 ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 RD 0.0250 87.3 % mg/kg MD 20.0 86.8 % mg/kg mg/kg mg/kg 27.3 25.0 ND 50.0 113 % mg/kg mg/kg mg/kg	mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 87.3 % 70-130 mg/kg mg/kg Analy ND 20.0 1 86.8 % 70-130 1 mg/kg mg/kg Analy 27.3 25.0 1 ND 50.0 1 113 % 50-200 mg/kg mg/kg Analy	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 06/21/22 ND 0.0250 1 06/21/22 ND 0.0250 1 06/21/22 ND 0.0250 1 06/21/22 ND 0.0500 1 06/21/22 ND 0.0250 1 06/21/22 mg/kg mg/kg Analyst: IY ND 20.0 1 06/21/22 mg/kg mg/kg Analyst: JL 27.3 25.0 1 06/21/22 ND 50.0 1 06/21/22 ND 50.0 1 06/21/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY Analyst: IY ND 0.0250 1 06/21/22 06/22/22 ND 0.0250 1 06/21/22 06/22/22 ND 0.0250 1 06/21/22 06/22/22 ND 0.0500 1 06/21/22 06/22/22 ND 0.0250 1 06/21/22 06/22/22 ND 0.0250 1 06/21/22 06/22/22 87.3 % 70-130 06/21/22 06/22/22 mg/kg mg/kg Analyst: IY ND 20.0 1 06/21/22 06/22/22 mg/kg mg/kg Analyst: JL 27.3 25.0 1 06/21/22 06/23/22 ND 50.0 1 06/21/22 06/23/22 ND 50.0 1 06/21/22 06/23/22 mg/kg mg/kg Analyst: KL 06/23/22



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/27/2022 12:54:08PM

BH46 @ 0' E206139-10

	1200157 10				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: IY		Batch: 2226040
ND	0.0250	1	06/21/22	06/23/22	
ND	0.0250	1	06/21/22	06/23/22	
ND	0.0250	1	06/21/22	06/23/22	
ND	0.0250	1	06/21/22	06/23/22	
ND	0.0500	1	06/21/22	06/23/22	
ND	0.0250	1	06/21/22	06/23/22	
	88.3 %	70-130	06/21/22	06/23/22	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2226040
ND	20.0	1	06/21/22	06/23/22	
	87.3 %	70-130	06/21/22	06/23/22	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2226051
ND	25.0	1	06/21/22	06/23/22	
ND	50.0	1	06/21/22	06/23/22	
	103 %	50-200	06/21/22	06/23/22	
mg/kg	mg/kg	Anal	yst: KL		Batch: 2226034
ND	20.0	1	06/21/22	06/24/22	
	mg/kg ND Mg/kg ND mg/kg	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 88.3 % mg/kg Mg/kg mg/kg ND 20.0 87.3 % mg/kg ND 25.0 ND 50.0 103 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 88.3 % 70-130 mg/kg mg/kg Anal ND 20.0 1 87.3 % 70-130 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 103 % 50-200 mg/kg Mg/kg Anal	Reporting Result Limit Dilution Prepared mg/kg MS Analyst: IY ND 0.0250 1 06/21/22 ND 0.0250 1 06/21/22 ND 0.0250 1 06/21/22 ND 0.0500 1 06/21/22 ND 0.0250 1 06/21/22 ND 0.0250 1 06/21/22 mg/kg mg/kg Analyst: IY ND 20.0 1 06/21/22 mg/kg mg/kg Analyst: JL ND 25.0 1 06/21/22 ND 50.0 1 06/21/22 ND 50.0 1 06/21/22 ND 50.0 1 06/21/22 mg/kg mg/kg Analyst: JL	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 06/21/22 06/23/22 ND 0.0250 1 06/21/22 06/23/22 ND 0.0250 1 06/21/22 06/23/22 ND 0.0500 1 06/21/22 06/23/22 ND 0.0250 1 06/21/22 06/23/22 ND 0.0250 1 06/21/22 06/23/22 mg/kg mg/kg Analyst: IV ND 20.0 1 06/21/22 06/23/22 mg/kg mg/kg Analyst: JL ND 25.0 1 06/21/22 06/23/22 ND 50.0 1 06/21/22



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/27/2022 12:54:08PM

BH47 @ 0' E206139-11

	1200157 11				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: IY		Batch: 2226040
ND	0.0250	1	06/21/22	06/23/22	
ND	0.0250	1	06/21/22	06/23/22	
ND	0.0250	1	06/21/22	06/23/22	
ND	0.0250	1	06/21/22	06/23/22	
ND	0.0500	1	06/21/22	06/23/22	
ND	0.0250	1	06/21/22	06/23/22	
	88.6 %	70-130	06/21/22	06/23/22	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2226040
ND	20.0	1	06/21/22	06/23/22	
	85.8 %	70-130	06/21/22	06/23/22	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2226051
ND	25.0	1	06/21/22	06/23/22	
ND	50.0	1	06/21/22	06/23/22	
	114 %	50-200	06/21/22	06/23/22	
mg/kg	mg/kg	Anal	yst: KL		Batch: 2226034
92.0	20.0	1	06/21/22	06/24/22	
	mg/kg ND Mg/kg ND mg/kg	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0500 ND 0.0250 88.6 % mg/kg Mg/kg mg/kg ND 20.0 85.8 % mg/kg ND 25.0 ND 50.0 114 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 88.6 % 70-130 mg/kg mg/kg Anal ND 20.0 1 85.8 % 70-130 1 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 114 % 50-200 mg/kg Mg/kg Anal	Reporting Result Limit Dilution Prepared mg/kg Manalyst: IY ND 0.0250 1 06/21/22 ND 0.0250 1 06/21/22 ND 0.0250 1 06/21/22 ND 0.0250 1 06/21/22 ND 0.0500 1 06/21/22 ND 0.0250 1 06/21/22 mg/kg mg/kg Analyst: IY ND 20.0 1 06/21/22 mg/kg mg/kg Analyst: JL ND 25.8 % 70-130 06/21/22 mg/kg mg/kg Analyst: JL ND 25.0 1 06/21/22 ND 50.0 1 06/21/22 ND 50.0 1 06/21/22 mg/kg mg/kg Analyst: KL	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 06/21/22 06/23/22 ND 0.0250 1 06/21/22 06/23/22 ND 0.0250 1 06/21/22 06/23/22 ND 0.0500 1 06/21/22 06/23/22 ND 0.0250 1 06/21/22 06/23/22 ND 0.0250 1 06/21/22 06/23/22 mg/kg mg/kg Analyst: IY ND 20.0 1 06/21/22 06/23/22 mg/kg mg/kg Analyst: IV ND 25.8 % 70-130 06/21/22 06/23/22 mg/kg mg/kg Analyst: JL ND 25.0 1 06/21/22 06/23/22 ND 50.0 1 06/21/22 06/23/22 ND 50.0 1 06/21/22 06/23/22 <



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	6/27/2022 12:54:08PM

BH48 @ 0 E206139-12

	1200157 12				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: IY		Batch: 2226040
ND	0.0250	1	06/21/22	06/23/22	
ND	0.0250	1	06/21/22	06/23/22	
ND	0.0250	1	06/21/22	06/23/22	
ND	0.0250	1	06/21/22	06/23/22	
ND	0.0500	1	06/21/22	06/23/22	
ND	0.0250	1	06/21/22	06/23/22	
	87.8 %	70-130	06/21/22	06/23/22	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2226040
ND	20.0	1	06/21/22	06/23/22	
	86.8 %	70-130	06/21/22	06/23/22	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2226051
ND	25.0	1	06/21/22	06/23/22	
ND	50.0	1	06/21/22	06/23/22	
	107 %	50-200	06/21/22	06/23/22	
mg/kg	mg/kg	Anal	yst: KL		Batch: 2226034
73.6	20.0	1	06/21/22	06/24/22	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 87.8 % mg/kg MD 20.0 86.8 % mg/kg ND 25.0 ND 50.0 107 % mg/kg mg/kg mg/kg	mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 87.8 % 70-130 mg/kg mg/kg Anal ND 20.0 1 86.8 % 70-130 1 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 107 % 50-200 mg/kg mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 06/21/22 ND 0.0250 1 06/21/22 ND 0.0250 1 06/21/22 ND 0.0250 1 06/21/22 ND 0.0500 1 06/21/22 ND 0.0250 1 06/21/22 mg/kg mg/kg Analyst: IY ND 20.0 1 06/21/22 mg/kg mg/kg Analyst: JL ND 25.0 1 06/21/22 ND 50.0 1 06/21/22 ND 50.0 1 06/21/22 ND 50.0 1 06/21/22 Mg/kg Mg/kg Analyst: JL	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 06/21/22 06/23/22 ND 0.0250 1 06/21/22 06/23/22 ND 0.0250 1 06/21/22 06/23/22 ND 0.0500 1 06/21/22 06/23/22 ND 0.0250 1 06/21/22 06/23/22 ND 0.0250 1 06/21/22 06/23/22 87.8 % 70-130 06/21/22 06/23/22 mg/kg mg/kg Analyst: IY ND 20.0 1 06/21/22 06/23/22 mg/kg mg/kg Analyst: JL ND 25.0 1 06/21/22 06/23/22 ND 50.0 1 06/21/22 06/23/22 ND 50.0 1 06/21/22 06/23/22 ND 50.0 1 06/21/22 06/23/22 Mg/kg



Surrogate: 4-Bromochlorobenzene-PID

6.69

QC Summary Data

Souder Miller Associates - Carlsbad Project Name: Tomb Raider 1-12 Fed # 62H Reported:

201 S Halagueno St. Project Number: 01058-0007

Carlsbad NM, 88220 Project Manager: Ashley Maxwell 6/27/2022 12:54:08PM

201 S Halagueno St. Carlsbad NM, 88220		Project Number: Project Manager:		1058-0007 shley Maxwell				6.	/27/2022 12:54:08PM
Volatile Organics by EPA 8021B									Analyst: KL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2226040-BLK1)							Prepared: 0	6/21/22 An	alyzed: 06/22/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.65		8.00		83.2	70-130			
LCS (2226040-BS1)							Prepared: 0	6/21/22 An	alyzed: 06/22/22
Benzene	5.21	0.0250	5.00		104	70-130			
Ethylbenzene	5.14	0.0250	5.00		103	70-130			
Toluene	5.50	0.0250	5.00		110	70-130			
-Xylene	5.02	0.0250	5.00		100	70-130			
o,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.4	0.0250	15.0		103	70-130			
Gurrogate: 4-Bromochlorobenzene-PID	6.75		8.00		84.4	70-130			
LCS Dup (2226040-BSD1)							Prepared: 0	6/21/22 An	alyzed: 06/22/22
Benzene	5.27	0.0250	5.00		105	70-130	1.15	20	-
Ethylbenzene	5.22	0.0250	5.00		104	70-130	1.63	20	
Toluene	5.55	0.0250	5.00		111	70-130	0.873	20	
-Xylene	5.10	0.0250	5.00		102	70-130	1.54	20	
o,m-Xylene	10.6	0.0500	10.0		106	70-130	1.56	20	
Total Xylenes	15.7	0.0250	15.0		104	70-130	1.55	20	

8.00

70-130



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12 Fed # 62HReported:201 S Halagueno St.Project Number:01058-0007Carlsbad NM, 88220Project Manager:Ashley Maxwell6/27/2022 12:54:08PM

Nonhalogenated Organics by EPA 8015D - GRO)
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Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

Blank (2226040-BLK1)						Prepared: 06	5/21/22 A	analyzed: 06/22/22
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.13		8.00	89.1	70-130			
LCS (2226040-BS2)						Prepared: 06	5/21/22 A	analyzed: 06/22/22
Gasoline Range Organics (C6-C10)	40.6	20.0	50.0	81.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.01		8.00	87.6	70-130			
LCS Dup (2226040-BSD2)						Prepared: 06	5/21/22 A	analyzed: 06/22/22
Gasoline Range Organics (C6-C10)	41.4	20.0	50.0	82.8	70-130	1.93	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.97		8.00	87.1	70-130			



Souder Miller Associates - Carlsbad Project Name: Tomb Raider 1-12 Fed # 62H Reported:

201 S Halagueno St. Project Number: 01058-0007

Carlsbad NM, 88220 Project Manager: Ashley Maxwell 6/27/2022 12:54:08PM

Carlsbad NM, 88220		Project Manage	r: As	hley Maxwel	1				6/27/2022 12:54:08PN
	Nonhal	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: KL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2226051-BLK1)							Prepared: 0	6/21/22 A	nalyzed: 06/23/22
Diesel Range Organics (C10-C28)	ND	25.0							
il Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	46.8		50.0		93.6	50-200			
LCS (2226051-BS1)							Prepared: 0	6/21/22 A	nalyzed: 06/23/22
Diesel Range Organics (C10-C28)	527	25.0	500		105	38-132			
urrogate: n-Nonane	43.9		50.0		87.9	50-200			
Matrix Spike (2226051-MS1)				Source:	E206139-0	04	Prepared: 0	6/21/22 A	nalyzed: 06/23/22
Diesel Range Organics (C10-C28)	552	25.0	500	ND	110	38-132			
urrogate: n-Nonane	50.6		50.0		101	50-200			
Matrix Spike Dup (2226051-MSD1)				Source:	E206139-0	04	Prepared: 0	6/21/22 A	nalyzed: 06/23/22
Diesel Range Organics (C10-C28)	551	25.0	500	ND	110	38-132	0.226	20	
urrogate: n-Nonane	50.9		50.0		102	50-200			

Souder Miller Associates - Carlsbad 201 S Halagueno St.		Project Name: Project Number:		omb Raider 1- 1058-0007	12 Fed # 6	2H			Reported:
Carlsbad NM, 88220		Project Manager:		shley Maxwel	l				6/27/2022 12:54:08PM
		Anions	by EPA 3	300.0/9056 <i>A</i>	1				Analyst: KL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2226034-BLK1)							Prepared: ()6/21/22 A	nalyzed: 06/24/22
Chloride	ND	20.0							
LCS (2226034-BS1)							Prepared: (06/21/22 A	nalyzed: 06/24/22
Chloride	245	20.0	250		98.1	90-110			
Matrix Spike (2226034-MS1)				Source:	E206139-0)1	Prepared: (06/21/22 A	nalyzed: 06/24/22
Chloride	806	20.0	250	649	62.6	80-120			M2
Matrix Spike Dup (2226034-MSD1)				Source:	E206139-0)1	Prepared: (06/21/22 A	nalyzed: 06/24/22
Chloride	859	20.0	250	649	84.0	80-120	6.41	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

ſ	Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12 Fed # 62H	
l	201 S Halagueno St.	Project Number:	01058-0007	Reported:
l	Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	06/27/22 12:54

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



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	3 12:52:09 PM

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Time Sampled	Date Sampled	Matrix	No Containers	Sample ID			Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8023	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC - NM	BGDOC - 1X		Rer	narks
0841	6/9/12	5017)	B#37	20										X				
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0900	6/9/11	SOI	1	BH39	06		3								Y				
0902	6/9/22	501/	1	BH40	0 60		4								Y				
0905	6/9/22	561)	1	BH41	20		5								X				
0907	6/9/11	Soil	1	BHHZ			0								X				
0923	6/9/21	501/	/	BH43	(2) 0										X				
0926	49/22	soil	1	BH44	120	/_=	8								X				
0929	55/18/0	5011	1	вния	-		9								X				
0944	4/9/22	Soil	1	BHYL	, a) o		10								X				
Addition	al Instru	ctions:																	
				this sample. Far		tampering with or intentionally mislabelli Heauthe	ing the sample location, date or Woodb						Acres de la companya del companya de la companya del companya de la companya de l					the day they are : or subsequent da	
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Relinquish	ed by: (Sign	nature)	Date		Time	Received by: (Signature)	Date		Time	_	•	T1			T2	_		T3	
Relinquish	ed by: (Sign	nature)	Dat e		Time	Received by: (Signature)	Date		Time			AVC	Temo	ا ا	1				
Sample Mat	rix: 5 - Soil - 9	5d - Solid. Se	- Sludge, A - J	Aqueous, O - Ot	ther		Containe	AVG Temp °C Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA											
Note: Samp	les are discar	rded 30 da/s	after results	are reported u	nless other a	irrangements are made. Hazardous of the laboratory is limited to the ar	samples will be returned to	client o										bove sample	is applica

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Received by OCD: 4/25/2023 12:52:09 PM

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Time Sampled	Date Sampled	Matrix	No Containers	Sample ID				Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC - NM	BGDOC - 1X	ы :	Rer	marks
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envirotech

Printed: 6/17/2022 3:49:04PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Souder Miller Associates - Carlsbad	Date Received:	06/17/22 15	5:14		Work Order ID:	E206139
Phone:	(505) 325-7535	Date Logged In:	06/17/22 15	5:22		Logged In By:	Caitlin Christian
Email:	ashley.maxwell@soudermiller.com	Due Date:	06/24/22 13	7:00 (5 day TAT)			
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location ma	tch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: <u>Heat</u>	ther Woods		
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes				
5. Were al	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi		Yes			Comment	s/Resolution
Sample T	urn Around Time (TAT)						
	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	<u>Cooler</u>						
7. Was a s	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
	were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples arminutes of sampling visible ice, record the temperature. Actual sample	re received w/i 15	Yes				
Sample C			_				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers	?	Yes				
	appropriate volume/weight or number of sample contai		Yes				
Field Lab	· · ·						
	field sample labels filled out with the minimum info	ormation:					
	ample ID?		Yes				
	ate/Time Collected?		Yes	<u> </u>			
C	ollectors name?		No				
	reservation						
	the COC or field labels indicate the samples were p	reserved?	No				
	ample(s) correctly preserved?	. 1.0	NA				
	filteration required and/or requested for dissolved r	netals?	No				
	se Sample Matrix						
	the sample have more than one phase, i.e., multipha		No				
27. If yes,	, does the COC specify which phase(s) is to be anal	yzed?	NA				
Subcontr	act Laboratory						
28. Are sa	amples required to get sent to a subcontract laborate	ory?	No				
29. Was a	subcontract laboratory specified by the client and i	f so who?	NA :	Subcontract Lab: na	a		
Client In	<u>istruction</u>						

Date

Report to:
Heather Woods



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





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Practical Solutions for a Better Tomorrow

Analytical Report

Souder Miller Associates - Carlsbad

Project Name: Tomb Raider 1-12-62H

Work Order: E209148

Job Number: 01058-0007

Received: 9/27/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/28/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 9/28/22

Heather Woods 201 S Halagueno St. Carlsbad, NM 88220

Project Name: Tomb Raider 1-12-62H

Workorder: E209148

Date Received: 9/27/2022 10:45:00AM

Heather Woods,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/27/2022 10:45:00AM, under the Project Name: Tomb Raider 1-12-62H.

The analytical test results summarized in this report with the Project Name: Tomb Raider 1-12-62H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

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Sample Summary

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	Donoutode
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	09/28/22 16:52

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SC-41	E209148-01A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-42	E209148-02A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-43	E209148-03A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-44	E209148-04A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-45	E209148-05A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-46	E209148-06A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-47	E209148-07A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-48	E209148-08A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-49	E209148-09A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-50	E209148-10A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-51	E209148-11A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-52	E209148-12A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-53	E209148-13A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-54	E209148-14A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-55	E209148-15A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-56	E209148-16A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-57	E209148-17A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-58	E209148-18A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-59	E209148-19A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-60	E209148-20A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:52:25PM

SC-41

	Reporting				
Result	Limit	Dilution	n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2240029
ND	0.0250	1	09/27/22	09/27/22	
ND	0.0250	1	09/27/22	09/27/22	
ND	0.0250	1	09/27/22	09/27/22	
ND	0.0250	1	09/27/22	09/27/22	
ND	0.0500	1	09/27/22	09/27/22	
ND	0.0250	1	09/27/22	09/27/22	
	99.3 %	70-130	09/27/22	09/27/22	
mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2240029
ND	20.0	1	09/27/22	09/27/22	
	89.1 %	70-130	09/27/22	09/27/22	
mg/kg	mg/kg	Ana	alyst: JL		Batch: 2240021
ND	25.0	1	09/27/22	09/27/22	
ND	50.0	1	09/27/22	09/27/22	
	87.3 %	50-200	09/27/22	09/27/22	
			-14. IZI		Batch: 2240028
mg/kg	mg/kg	Ana	alyst: KL		Batch: 2240028
	ND N	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0 89.1 % mg/kg MD 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg Am ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.0250 1 MD 20.0 1 89.1 % 70-130 mg/kg mg/kg Am ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 09/27/22 ND 0.0250 1 09/27/22 ND 0.0250 1 09/27/22 ND 0.0250 1 09/27/22 ND 0.0500 1 09/27/22 ND 0.0250 1 09/27/22 mg/kg mg/kg Analyst: RKS ND 20.0 1 09/27/22 mg/kg mg/kg Analyst: JL mg/kg mg/kg Analyst: JL ND 25.0 1 09/27/22 ND 50.0 1 09/27/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 09/27/22 09/27/22 ND 0.0250 1 09/27/22 09/27/22 ND 0.0250 1 09/27/22 09/27/22 ND 0.0500 1 09/27/22 09/27/22 ND 0.0250 1 09/27/22 09/27/22 ND 0.0250 1 09/27/22 09/27/22 mg/kg mg/kg Analyst: RKS ND 20.0 1 09/27/22 09/27/22 mg/kg mg/kg Analyst: JL ND 25.0 1 09/27/22 09/27/22 ND 25.0 1 09/27/22 09/27/22 09/27/22 ND 50.0 1 09/27/22 09/27/22

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:52:25PM

SC-42

		Domontino				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2240029
Benzene	ND	0.0250	1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/27/22	09/27/22	
Toluene	ND	0.0250	1	09/27/22	09/27/22	
o-Xylene	ND	0.0250	1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/27/22	09/27/22	
Surrogate: 4-Bromochlorobenzene-PID		99.6 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2240029
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/22	09/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.0 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2240021
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/22	09/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/22	09/27/22	
Surrogate: n-Nonane		87.9 %	50-200	09/27/22	09/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2240028
·	ND	20.0		09/27/22	09/27/22	·



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:52:25PM

SC-43

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2240029
Benzene	ND	0.0250	1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/27/22	09/27/22	
Toluene	ND	0.0250	1	09/27/22	09/27/22	
o-Xylene	ND	0.0250	1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/27/22	09/27/22	
Surrogate: 4-Bromochlorobenzene-PID		98.7 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2240029
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/22	09/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.7 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2240021
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/22	09/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/22	09/27/22	
Surrogate: n-Nonane		84.5 %	50-200	09/27/22	09/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: KL		Batch: 2240028
·	ND	20.0	1	09/27/22	09/27/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:52:25PM

SC-44

		Domontino				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2240029
Benzene	ND	0.0250	1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/27/22	09/27/22	
Toluene	ND	0.0250	1	09/27/22	09/27/22	
o-Xylene	ND	0.0250	1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/27/22	09/27/22	
Surrogate: 4-Bromochlorobenzene-PID		99.4 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2240029
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/22	09/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.1 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2240021
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/22	09/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/22	09/27/22	
Surrogate: n-Nonane		80.7 %	50-200	09/27/22	09/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2240028
	ND	20.0		09/27/22	09/27/22	•



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:52:25PM

SC-45

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2240029
Benzene	ND	0.0250	1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/27/22	09/27/22	
Toluene	ND	0.0250	1	09/27/22	09/27/22	
o-Xylene	ND	0.0250	1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/27/22	09/27/22	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2240029
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/22	09/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.9 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2240021
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/22	09/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/22	09/27/22	
Surrogate: n-Nonane		87.7 %	50-200	09/27/22	09/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2240028
Chloride	ND	20.0	1	09/27/22	09/27/22	•



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:52:25PM

SC-46

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2240029
Benzene	ND	0.0250	1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/27/22	09/27/22	
Toluene	ND	0.0250	1	09/27/22	09/27/22	
o-Xylene	ND	0.0250	1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/27/22	09/27/22	
Surrogate: 4-Bromochlorobenzene-PID		99.6 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2240029
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/22	09/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.7 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2240021
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/22	09/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/22	09/27/22	
Surrogate: n-Nonane		88.6 %	50-200	09/27/22	09/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2240028
	ND	20.0		09/27/22	09/27/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:52:25PM

SC-47

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: RKS		Batch: 2240029
Benzene	ND	0.0250	1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/27/22	09/27/22	
Toluene	ND	0.0250	1	09/27/22	09/27/22	
o-Xylene	ND	0.0250	1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/27/22	09/27/22	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: RKS		Batch: 2240029
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/22	09/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.9 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: JL		Batch: 2240021
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/22	09/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/22	09/27/22	
Surrogate: n-Nonane		88.4 %	50-200	09/27/22	09/27/22	
A . I EDA 200 0/005CA	mg/kg	mg/kg	Anal	lyst: KL		Batch: 2240028
Anions by EPA 300.0/9056A	- U					



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:52:25PM

SC-48

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2240029
Benzene	ND	0.0250	1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/27/22	09/27/22	
Toluene	ND	0.0250	1	09/27/22	09/27/22	
o-Xylene	ND	0.0250	1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/27/22	09/27/22	
Surrogate: 4-Bromochlorobenzene-PID		99.8 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2240029
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/22	09/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.7 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2240021
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/22	09/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/22	09/27/22	
Surrogate: n-Nonane		84.7 %	50-200	09/27/22	09/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2240028
				09/27/22	09/27/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:52:25PM

SC-49

Reporting							
Result	Limit	Dilution	Prepared	Analyzed	Notes		
mg/kg	mg/kg	Analys	t: RKS		Batch: 2240029		
ND	0.0250	1	09/27/22	09/27/22			
ND	0.0250	1	09/27/22	09/27/22			
ND	0.0250	1	09/27/22	09/27/22			
ND	0.0250	1	09/27/22	09/27/22			
ND	0.0500	1	09/27/22	09/27/22			
ND	0.0250	1	09/27/22	09/27/22			
	99.4 %	70-130	09/27/22	09/27/22			
mg/kg	mg/kg	Analys	t: RKS		Batch: 2240029		
ND	20.0	1	09/27/22	09/27/22			
	86.6 %	70-130	09/27/22	09/27/22			
mg/kg	mg/kg	Analys	t: JL		Batch: 2240021		
	2 2				Buten: 22 10021		
ND	25.0	1	09/27/22	09/27/22	Butch: 22 10021		
		1		09/27/22 09/27/22	Butch: 22 10021		
ND	25.0	1 1 50-200	09/27/22	***	Butti. 22 10021		
ND	25.0 50.0	1 1	09/27/22 09/27/22 09/27/22	09/27/22	Batch: 2240028		
	mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mD 0.0250 MD 0.0250 80.4 % mg/kg MD 20.0 86.6 %	Result Limit Dilution mg/kg mg/kg Analys ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 70-130 mg/kg mg/kg Analys ND 20.0 1 86.6 % 70-130	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 09/27/22 ND 0.0250 1 09/27/22 ND 0.0250 1 09/27/22 ND 0.0250 1 09/27/22 ND 0.0500 1 09/27/22 ND 0.0250 1 09/27/22 mg/kg 70-130 09/27/22 mg/kg mg/kg Analyst: RKS ND 20.0 1 09/27/22 86.6 % 70-130 09/27/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 09/27/22 09/27/22 ND 0.0500 1 09/27/22 09/27/22 ND 0.0250 1 09/27/22 09/27/22 mg/kg 70-130 09/27/22 09/27/22 mg/kg mg/kg Analyst: RKS ND 20.0 1 09/27/22 09/27/22 86.6 % 70-130 09/27/22 09/27/22		



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:52:25PM

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E209148-10						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2240029
Benzene	ND	0.0250	1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/27/22	09/27/22	
Toluene	ND	0.0250	1	09/27/22	09/27/22	
o-Xylene	ND	0.0250	1	09/27/22	09/27/22	
o,m-Xylene	ND	0.0500	1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/27/22	09/27/22	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	llyst: RKS		Batch: 2240029
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/22	09/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.6 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2240021
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/22	09/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/22	09/27/22	
Surrogate: n-Nonane		87.9 %	50-200	09/27/22	09/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: KL		Batch: 2240028
Chloride	ND	20.0	1	09/27/22	09/27/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:52:25PM

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	Reporting				
Result	Limit	Dilutio	on Prepared	Analyzed	Notes
mg/kg	mg/kg	A	nalyst: RKS		Batch: 2240029
ND	0.0250	1	09/27/22	09/27/22	
ND	0.0250	1	09/27/22	09/27/22	
ND	0.0250	1	09/27/22	09/27/22	
ND	0.0250	1	09/27/22	09/27/22	
ND	0.0500	1	09/27/22	09/27/22	
ND	0.0250	1	09/27/22	09/27/22	
	99.4 %	70-130	09/27/22	09/27/22	
mg/kg	mg/kg	A	nalyst: RKS		Batch: 2240029
ND	20.0	1	09/27/22	09/27/22	
	85.9 %	70-130	09/27/22	09/27/22	
mg/kg	mg/kg	A	nalyst: JL		Batch: 2240021
ND	25.0	1	09/27/22	09/27/22	
ND	50.0	1	09/27/22	09/27/22	
	89.4 %	50-200	09/27/22	09/27/22	
mg/kg	89.4 % mg/kg		09/27/22 nalyst: KL	09/27/22	Batch: 2240028
	mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 99.4 % mg/kg mg/kg ND 20.0 85.9 % mg/kg ND 25.0	Result Limit Dilution mg/kg mg/kg A ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 mg/kg mg/kg A ND 20.0 1 85.9 % 70-130 mg/kg mg/kg A ND 25.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 09/27/22 ND 0.0250 1 09/27/22 ND 0.0250 1 09/27/22 ND 0.0250 1 09/27/22 ND 0.0500 1 09/27/22 ND 0.0250 1 09/27/22 mg/kg mg/kg Analyst: RKS ND 20.0 1 09/27/22 mg/kg mg/kg Analyst: JL mg/kg mg/kg Analyst: JL ND 25.0 1 09/27/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 09/27/22 09/27/22 ND 0.0500 1 09/27/22 09/27/22 ND 0.0250 1 09/27/22 09/27/22 mg/kg 70-130 09/27/22 09/27/22 mg/kg mg/kg Analyst: RKS ND 20.0 1 09/27/22 09/27/22 mg/kg mg/kg Analyst: JL 09/27/22 ND 25.0 1 09/27/22 09/27/22



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:52:25PM

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		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2240029
Benzene	ND	0.0250	1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/27/22	09/27/22	
Toluene	ND	0.0250	1	09/27/22	09/27/22	
o-Xylene	ND	0.0250	1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/27/22	09/27/22	
Surrogate: 4-Bromochlorobenzene-PID		98.9 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2240029
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/22	09/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.9 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2240021
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/22	09/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/22	09/27/22	
Surrogate: n-Nonane		81.2 %	50-200	09/27/22	09/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2240028
	ND	20.0		09/27/22	09/27/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:52:25PM

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Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:52:25PM

SC-54

		Domontino				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: RKS		Batch: 2240029
Benzene	ND	0.0250	1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/27/22	09/27/22	
Toluene	ND	0.0250	1	09/27/22	09/27/22	
o-Xylene	ND	0.0250	1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/27/22	09/27/22	
Surrogate: 4-Bromochlorobenzene-PID		99.0 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2240029
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/22	09/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.3 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: JL		Batch: 2240021
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/22	09/28/22	_
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/22	09/28/22	
Surrogate: n-Nonane		89.3 %	50-200	09/27/22	09/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: KL		Batch: 2240028



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:52:25PM

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		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2240029
Benzene	ND	0.0250	1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/27/22	09/27/22	
Toluene	ND	0.0250	1	09/27/22	09/27/22	
o-Xylene	ND	0.0250	1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/27/22	09/27/22	
Surrogate: 4-Bromochlorobenzene-PID		98.9 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2240029
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/22	09/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.3 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2240021
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/22	09/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/22	09/28/22	
Surrogate: n-Nonane		89.0 %	50-200	09/27/22	09/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2240028
	ND	20.0		09/27/22	09/27/22	·



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:52:25PM

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2240029
Benzene	ND	0.0250	1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/27/22	09/27/22	
Toluene	ND	0.0250	1	09/27/22	09/27/22	
o-Xylene	ND	0.0250	1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/27/22	09/27/22	
Surrogate: 4-Bromochlorobenzene-PID		98.8 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2240029
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/22	09/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.8 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2240021
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/22	09/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/22	09/28/22	
Surrogate: n-Nonane		83.9 %	50-200	09/27/22	09/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2240028
				09/27/22	09/27/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:52:25PM

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2240029
Benzene	ND	0.0250	1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/27/22	09/27/22	
Toluene	ND	0.0250	1	09/27/22	09/27/22	
o-Xylene	ND	0.0250	1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/27/22	09/27/22	
Surrogate: 4-Bromochlorobenzene-PID		98.8 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2240029
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/22	09/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.8 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2240021
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/22	09/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/22	09/28/22	
Surrogate: n-Nonane		80.3 %	50-200	09/27/22	09/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2240028



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:52:25PM

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: RKS		Batch: 2240029
Benzene	ND	0.0250	1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/27/22	09/27/22	
Toluene	ND	0.0250	1	09/27/22	09/27/22	
o-Xylene	ND	0.0250	1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/27/22	09/27/22	
Surrogate: 4-Bromochlorobenzene-PID		98.5 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: RKS		Batch: 2240029
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/22	09/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.9 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2240021
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/22	09/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/22	09/28/22	
Surrogate: n-Nonane		87.7 %	50-200	09/27/22	09/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: KL		Batch: 2240028
	ND	20.0		09/27/22	09/27/22	·



Chloride

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:52:25PM

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E209148-19						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2240029
Benzene	ND	0.0250	1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/27/22	09/27/22	
Toluene	ND	0.0250	1	09/27/22	09/27/22	
o-Xylene	ND	0.0250	1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/27/22	09/27/22	
Surrogate: 4-Bromochlorobenzene-PID		99.2 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2240029
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/22	09/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.0 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2240021
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/22	09/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/22	09/28/22	
Surrogate: n-Nonane		91.8 %	50-200	09/27/22	09/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2240028

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ND

09/27/22

09/27/22



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:52:25PM

SC-60

E20		

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2240029
Benzene	ND	0.0250	1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/27/22	09/27/22	
Toluene	ND	0.0250	1	09/27/22	09/27/22	
o-Xylene	ND	0.0250	1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/27/22	09/27/22	
Surrogate: 4-Bromochlorobenzene-PID		99.0 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2240029
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/22	09/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.1 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2240021
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/22	09/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/22	09/28/22	
Surrogate: n-Nonane		76.5 %	50-200	09/27/22	09/28/22	
	mg/kg	mg/kg	Analy	yst: KL		Batch: 2240028
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1 11141)	, ou TLE		Butch: 22 10020



QC Summary Data

Tomb Raider 1-12-62H Souder Miller Associates - Carlsbad Project Name: Reported: 201 S Halagueno St. Project Number: 01058-0007 Carlsbad NM, 88220 Project Manager: Heather Woods 9/28/2022 4:52:25PM **Volatile Organics by EPA 8021B** Analyst: RKS Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2240029-BLK1) Prepared: 09/27/22 Analyzed: 09/27/22 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.87 8.00 98.4 70-130 LCS (2240029-BS1) Prepared: 09/27/22 Analyzed: 09/27/22 5.15 103 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.24 0.0250 5.00 84.8 70-130 4.49 0.0250 5.00 89.7 70-130 Toluene 85.7 o-Xylene 4.29 0.0250 5.00 70-130 10.0 86.1 70-130 8.61 0.0500 p.m-Xvlene 12.9 15.0 86.0 70-130 Total Xylenes 0.0250 8.00 98.5 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.88 Matrix Spike (2240029-MS1) Source: E209148-02 Prepared: 09/27/22 Analyzed: 09/28/22 4.78 0.0250 5.00 ND 95.6 54-133 Benzene ND 78.7 61-133 Ethylbenzene 3.93 0.0250 5.00 Toluene 4.18 0.0250 5.00 ND 83.7 61-130 3.97 ND 79.3 63-131 5.00 0.0250 o-Xylene p,m-Xylene 8.00 0.0500 10.0 ND 80.0 63-131 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.83 8.00 Matrix Spike Dup (2240029-MSD1) Source: E209148-02 Prepared: 09/27/22 Analyzed: 09/28/22 5.06 0.0250 5.00 ND 54-133 5.75 20 61-133 6.07 4.18 0.0250 5.00 ND 83.6 20 Ethylbenzene



4 43

4.21

8.49

12.7

7.85

0.0250

0.0250

0.0500

0.0250

5.00

5.00

10.0

15.0

8.00

ND

ND

ND

ND

88.5

84.3

84.9

84.7

98.2

61-130

63-131

63-131

63-131

70-130

5.61

6.07

6.04

6.05

20

20

20

20

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	Reported:
201 S Halagueno St.	Project Number:	01058-0007	·
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:52:25PM

Carlsbad NM, 88220		Project Manage	r: He	ather Woods				9/2	8/2022 4:52:25PM
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO		I	Analyst: RKS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2240029-BLK1)							Prepared: 0	9/27/22 Anal	yzed: 09/27/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.17		8.00		89.7	70-130			
LCS (2240029-BS2)							Prepared: 0	9/27/22 Anal	yzed: 09/27/22
Gasoline Range Organics (C6-C10)	51.3	20.0	50.0		103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.13		8.00		89.1	70-130			
Matrix Spike (2240029-MS2)				Source:	E209148-	02	Prepared: 0	9/27/22 Anal	yzed: 09/28/22
Gasoline Range Organics (C6-C10)	53.6	20.0	50.0	ND	107	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.03		8.00		87.9	70-130			
Matrix Spike Dup (2240029-MSD2)				Source:	E209148-	02	Prepared: 0	9/27/22 Anal	yzed: 09/28/22
Gasoline Range Organics (C6-C10)	50.2	20.0	50.0	ND	100	70-130	6.48	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.03		8.00		87.8	70-130			

QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	Reported:
201 S Halagueno St.	Project Number:	01058-0007	·
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:52:25PM

Carlsbad NM, 88220		Project Manager	r: He	ather Woods				ġ	9/28/2022 4:52:25PM
	Nonhal	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2240021-BLK1)							Prepared: 09)/27/22 An	nalyzed: 09/27/22
Diesel Range Organics (C10-C28)	ND	25.0							
il Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	45.7		50.0		91.4	50-200			
LCS (2240021-BS1)							Prepared: 09)/27/22 An	alyzed: 09/27/22
Diesel Range Organics (C10-C28)	252	25.0	250		101	38-132			
urrogate: n-Nonane	43.9		50.0		87.9	50-200			
Matrix Spike (2240021-MS1)				Source:	E209148-1	18	Prepared: 09	0/27/22 An	alyzed: 09/27/22
Diesel Range Organics (C10-C28)	243	25.0	250	ND	97.2	38-132			
urrogate: n-Nonane	44.5		50.0		89.0	50-200			
Matrix Spike Dup (2240021-MSD1)				Source:	E209148-1	18	Prepared: 09	0/27/22 An	nalyzed: 09/27/22
Diesel Range Organics (C10-C28)	243	25.0	250	ND	97.2	38-132	0.000415	20	
urrogate: n-Nonane	45.4		50.0		90.7	50-200			

LCS Dup (2240028-BSD1)

Chloride

247

Prepared: 09/27/22 Analyzed: 09/27/22

20

QC Summary Data

Souder Miller Associates - Carlsbad		Project Name:		omb Raider 1-	12-62H				Reported:
201 S Halagueno St. Carlsbad NM, 88220		Project Number: Project Manager:		1058-0007 leather Woods				!	9/28/2022 4:52:25PM
		Anions 1	by EPA	300.0/9056	A				Analyst: KL
Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2240028-BLK1)							Prepared: 0		nalyzed: 09/27/22
Chloride	ND	20.0							
LCS (2240028-BS1)							Prepared: 0	9/27/22 Ar	nalyzed: 09/27/22
Chloride	263	20.0	250		105	90-110			

250

20.0

98.8

90-110

6.15

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	09/28/22 16:52

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



ect Informatio								-	Lah	Use C	nly		O C			rogram WA SDWA
nt: Saudes	AA : 1100 V	4 ASSO	ciates		Devon	* _ I	Lah V	VO#		10	Num	oer (0007	10 3	D RC	RA C	WA SDWA
nt: Soudes ject: Tomb	Paider	1-12-	MEDI	Attention: Address:	DEVOIT		Lab	200	114	8 10	058	0001	1/1		-	State
ject: Tomb ject Manager	Heath	er ma	0005	City, State	, Zip		-		-	An	alysis a	nd Metho	TT		NN	
ject Manager dress: 201 S y, State, Zip (Havack	Id. NM	08683	Phone:			2	20					1		X	X OK
y, State, 215 (one:	111111111111111111111111111111111111111			Email:	11 - 200721	22	y 801	V 80	21	05	000		2	*	1 1	A JON
nail:				W	0年2098730		JRC b	ORC	by 80	N 820	Metals boto Chloride 300.0		BGDOC - NM	L. JO		Remarks
port due by:	_	No	I IN			Lab Number	ORO/ORO by 8015	GRO/DRO by 8015	RTEX by 8021	VOC. by 8260	Chloride 300.		BGD	верос	1	
Time Date ampled Sample	d Matrix	Containers	Sample ID			I							X			
1844 9/23/	22/5011	1	SC-41			2	+						X			,è
1845 A/23		1	SC-42			3	+	-			\top	11	X			
5846 9/23		1	5C-43			4	+	-	-			+	X			
0846923		1	SC-44			-	-	+	+		+	+	X			
2847 9/23		1	SC-45			5	+		+	1			X	1		
0848 9/3		1	56-46			9	+	+	+		-		1	1		
			SC-47			1		+	+	-	1		-	1		
OBUY 9/2	* .					18							-		-	
0850 93	3/22/501	1	SC-48			9								(
0851 9/3	3/22/501	1 1	SC-40			IC	1							X		
0852 9/	2. 2.	× × ×	SC-50)					-	,			0	dn	an	
la dditional'	refructions		Heathe	r Woo	ds Sarahy	he sample poption, da	Ch I	iea	-1	200	Source	requiring their	mai preserva	tou mast pe te	cerved on ice to	he day they are sample on subsequent days
(field smoler), a	test to the validit	y and authentic	ty of this sample. I am a	ware that tampering	with or intentionally mislabelling :	Date	01	01-	Time 1	110				Lab Us	se Only	
Relinquished	(Signature)	d and may be g	5516	5:00 R	e eived by Nignazuje)	Date	00	0	1	1:3	Red	eived on	ice:	Ø N		
Rathouished	v: Signature	i)	1100	150	Received by: Signature	hto 91	27/2	22	10:	45	T1			<u>T2</u>	_	<u>T3</u>
Reinquished	by: (Signature	1	Date	ime	Received by: (Signature)	Date			Time		AV	G Temp	_{-د_} ک	<u> </u>		
Acarido o ve	-				ments are made. Haterdous sa laborator, is limited to the am	Con	ntainer	Type	. b - t	zlass. p	- poly/	plastic, ag	g - ambe	r glass, v	- VUA	: maias 15

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Received by OCD: 4/25/2023 12:52:09 PM

ect Information									21		-	PA Program
ent: Souder Miller + Associates	Attention: Devon Address:		Lab V	vo# 209		Use Jo	b Nur	nber - 0007 and Metho	TA TA		RCRA	CWA SDWA
ent: Souder, Maller 1-12-162H piect: Tomb Kaider 1-12-162H piect Manager: Heather Woods dress: 201 S Halagreno y, State, Zip Carlsboth, NM 88220 none: mail:	City, State, Zip Phone: Email: W0#20987302		DRO/ORO by 8015	GRO/DRO by 8015	RTEX by 8021			Children seems	BGDOC - NM	BGDOC . W NM	200	NM CO UT A X OK TX OK Remarks
Time Date Matrix No Container's Sample ID		Number	DRO/C	GRO/	ntex	VOC.	Meta		BGD	X BGD		
1853 9/23/225011 1 SC-51		12								X		é
08549/33/325011 1 5C-52		13								X		
0855 9/23/22 SOIL 1 SC-53		15	+	-		-			+	X		
0857 9/23/22/5011 1 56-55		10								X		
0858 9/23/22/5011 1 5C-56		17			-	-			+	X		
0900 9/33/22 SOIL 1 SC-58		18	-	-	+	+)		1 41
0901 933338011 1 5C-59		20									X	
Additional Instructions: Please Serva to Heather (field sampler), attest to the validity and authenticity of this sample. I am assume the inequal artists as the inequal artists.	Woods Sanahman	Schole location, da	<u>00</u>	بىد	G	leo	CAL	les requiring their			be received to but less that	on see the day they are sample on \$10 on subsequent days
time of collection is considered fraud and may be grounds for lego.	Construct /	Date	No c	£	1	13		ceived on	ice:	Lat	Use O N	n ly
Relinguistied by Signature Dave 30	la and her (Signative)	Date Date	7/2		ID:	45			(T2 4		<u>T3</u>
Sample Matrix: S - Soil, Sd - Soild, Sg - Sludge, A - Aqueous, D - Othe Note: Samples are discarded 30 days after results are reported unle		Cor	tainer	Type	: g - 2	lass, F		/plastic, ag		er glas	s, v - VO	A

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Received by OCD: 4/25/2023 12:52:09 PM

envirotech Inc.

Printed: 9/27/2022 1:53:00PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Souder Miller Associates - Carlsbad	Date Received:	09/27/22 10:	:45	Work Order ID:	E209148
Phone:	(575) 200-5443	Date Logged In:	09/27/22 08:	:30	Logged In By:	Caitlin Christian
Email:		Due Date:	09/28/22 17:	:00 (1 day TAT)		
1. Does th 2. Does th 3. Were sa	Custody (COC) ne sample ID match the COC? ne number of samples per sampling site location manamples dropped off by client or carrier? e COC complete, i.e., signatures, dates/times, requestions.		Yes Yes Yes Yes	Carrier: <u>U</u>	<u>IPS</u>	
	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.	•	Yes	ı	Commer	nts/Resolution
	<u>urn Around Time (TAT)</u> COC indicate standard TAT, or Expedited TAT?		Yes		Project has been separa	ated into 4 reports
	•		ies		due to amount of samp	-
Sample C	cample cooler received?		Yes		as follows:	ies. Workorders are
	was cooler received in good condition?		Yes			C O F200140
•	e sample(s) received intact, i.e., not broken?		Yes		E209148 COC pg 1&2	
	custody/security seals present?				COC pg 3&4 of 8, E20	9150 COC pg 5&6
	were custody/security seals intact?		No NA		of 8, E209151 COC pg	7&8 of 8.
12. Was the	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes			
Sample C	<u>Container</u>					
14. Are ac	queous VOC samples present?		No			
15. Are V	OC samples collected in VOA Vials?		NA			
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a	trip blank (TB) included for VOC analyses?		NA			
18. Are no	on-VOC samples collected in the correct containers'	?	Yes			
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes			
Sa D	oel field sample labels filled out with the minimum info ample ID? ate/Time Collected? ollectors name?	ormation:	Yes Yes No			
	reservation		110			
21. Does	the COC or field labels indicate the samples were pr	reserved?	No			
22. Are sa	ample(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved n	netals?	No			
Multipha	se Sample Matrix					
26. Does	the sample have more than one phase, i.e., multipha	se?	No			
27. If yes,	, does the COC specify which phase(s) is to be analy	yzed?	NA			
Subcontr	act Laboratory					
28. Are sa	amples required to get sent to a subcontract laborato subcontract laboratory specified by the client and it	•	No NA S	ubcontract Lab	: NA	
Client In	<u>istruction</u>					

Date

Signature of client authorizing changes to the COC or sample disposition.

Report to:
Heather Woods



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





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Practical Solutions for a Better Tomorrow

Analytical Report

Souder Miller Associates - Carlsbad

Project Name: Tomb Raider 1-12-62H

Work Order: E209149

Job Number: 01058-0007

Received: 9/27/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/28/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 9/28/22

Heather Woods 201 S Halagueno St. Carlsbad, NM 88220

Project Name: Tomb Raider 1-12-62H

Workorder: E209149

Date Received: 9/27/2022 10:45:00AM

Heather Woods,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/27/2022 10:45:00AM, under the Project Name: Tomb Raider 1-12-62H.

The analytical test results summarized in this report with the Project Name: Tomb Raider 1-12-62H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

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West Texas Midland/Odessa Area Rayny Hagan

Technical Representative Office: 505-421-LABS(5227)

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Sample Summary

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	Donoutodi
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	09/28/22 17:01

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SC-61	E209149-01A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-62	E209149-02A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-63	E209149-03A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-64	E209149-04A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-65	E209149-05A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-66	E209149-06A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-67	E209149-07A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-68	E209149-08A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-69	E209149-09A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-70	E209149-10A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-71	E209149-11A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-72	E209149-12A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-73	E209149-13A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-74	E209149-14A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-75	E209149-15A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-76	E209149-16A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-77	E209149-17A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-78	E209149-18A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-79	E209149-19A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-80	E209149-20A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 5:01:13PM

SC-61 E209149-01

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2240032
Benzene	ND	0.0250		1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250		1	09/27/22	09/27/22	
Toluene	ND	0.0250		1	09/27/22	09/27/22	
o-Xylene	ND	0.0250		1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500		1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250		1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		101 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		99.3 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2240032
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		101 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		99.3 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	Л		Batch: 2240023
Diesel Range Organics (C10-C28)	ND	25.0		1	09/27/22	09/27/22	
Oil Range Organics (C28-C36)	ND	50.0		1	09/27/22	09/27/22	
Surrogate: n-Nonane		85.0 %	50-200		09/27/22	09/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2240027
Chloride	ND	20.0		1	09/27/22	09/27/22	



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/20225:01:13PM

SC-62 E209149-02

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: R	KS		Batch: 2240032
Benzene	ND	0.0250	1		09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1		09/27/22	09/27/22	
Toluene	ND	0.0250	1		09/27/22	09/27/22	
o-Xylene	ND	0.0250	1		09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1		09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1		09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		98.6 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		98.7 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: R	KS		Batch: 2240032
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		98.6 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		98.7 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL			Batch: 2240023
Diesel Range Organics (C10-C28)	ND	25.0	1		09/27/22	09/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1		09/27/22	09/27/22	
Surrogate: n-Nonane		85.8 %	50-200		09/27/22	09/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: R.	AS		Batch: 2240027
Chloride	20.7	20.0	1		09/27/22	09/27/22	

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/20225:01:13PM

SC-63 E209149-03

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2240032
Benzene	ND	0.0250	1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/27/22	09/27/22	
Toluene	ND	0.0250	1	09/27/22	09/27/22	
o-Xylene	ND	0.0250	1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130	09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	09/27/22	09/27/22	
Surrogate: Toluene-d8		99.0 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2240032
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130	09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	09/27/22	09/27/22	
Surrogate: Toluene-d8		99.0 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2240023
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/22	09/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/22	09/27/22	
Surrogate: n-Nonane		89.6 %	50-200	09/27/22	09/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2240027



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/20225:01:13PM

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		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2240032
Benzene	ND	0.0250	1	[09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1	1	09/27/22	09/27/22	
Toluene	ND	0.0250	1	1	09/27/22	09/27/22	
o-Xylene	ND	0.0250	1	1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1	1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1	l	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		101 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		98.5 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2240032
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		101 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		98.5 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2240023
Diesel Range Organics (C10-C28)	ND	25.0	1		09/27/22	09/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	[09/27/22	09/27/22	
Surrogate: n-Nonane		89.1 %	50-200		09/27/22	09/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2240027
Allons by ETA 500.0/3030A							



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/20225:01:13PM

SC-65 E209149-05

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RI	KS		Batch: 2240032
Benzene	ND	0.0250	1	I	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1	l	09/27/22	09/27/22	
Toluene	ND	0.0250	1	l	09/27/22	09/27/22	
o-Xylene	ND	0.0250	1	l	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1	l	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1	[09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		98.6 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		99.6 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst: RI	KS		Batch: 2240032
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		98.6 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		99.6 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL	,		Batch: 2240023
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/27/22	09/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/27/22	09/27/22	
Surrogate: n-Nonane		81.4 %	50-200		09/27/22	09/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: R	AS		Batch: 2240027
Chloride	20.4	20.0	1	1	09/27/22	09/28/22	

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/20225:01:13PM

SC-66 E209149-06

	1207117 00				
Result			ion Prenared	Analyzed	Notes
			1	1 11111) 200	Batch: 2240032
				00/27/22	Batch: 2240032
		1			
		1			
		1			
	0.0250	1			
ND	0.0500	1			
ND	0.0250	1	09/27/22	09/27/22	
	99.1 %	70-130	09/27/22	09/27/22	
	103 %	70-130	09/27/22	09/27/22	
	98.7 %	70-130	09/27/22	09/27/22	
mg/kg	mg/kg	A	analyst: RKS		Batch: 2240032
ND	20.0	1	09/27/22	09/27/22	
	99.1 %	70-130	09/27/22	09/27/22	
	103 %	70-130	09/27/22	09/27/22	
	98.7 %	70-130	09/27/22	09/27/22	
mg/kg	mg/kg	A	nalyst: JL		Batch: 2240023
ND	25.0	1	09/27/22	09/27/22	
ND	50.0	1	09/27/22	09/27/22	
	88.2 %	50-200	09/27/22	09/27/22	
mg/kg	mg/kg	A	analyst: RAS		Batch: 2240027
	mg/kg ND mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 99.1 % 103 % 98.7 % mg/kg ND 20.0 99.1 % 103 % 98.7 % 98.7 % mg/kg mg/kg ND 25.0 ND 50.0	mg/kg mg/kg A ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 99.1 % 70-130 98.7 % 70-130 mg/kg mg/kg A ND 20.0 1 103 % 70-130 70-130 98.7 % 70-130 70-130 mg/kg mg/kg A ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 09/27/22 ND 0.0250 1 09/27/22 ND 0.0250 1 09/27/22 ND 0.0250 1 09/27/22 ND 0.0500 1 09/27/22 ND 0.0250 1 09/27/22 ND 70-130 09/27/22 99.1 % 70-130 09/27/22 98.7 % 70-130 09/27/22 mg/kg mg/kg Analyst: RKS ND 20.0 1 09/27/22 99.1 % 70-130 09/27/22 98.7 % 70-130 09/27/22 98.7 % 70-130 09/27/22 98.7 % 70-130 09/27/22 mg/kg mg/kg Analyst: JL ND 25.0 1 09/27/22 ND 50.0 1 09/27/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 09/27/22 09/27/22 ND 0.0250 1 09/27/22 09/27/22 ND 0.0250 1 09/27/22 09/27/22 ND 0.0500 1 09/27/22 09/27/22 ND 0.0250 1 09/27/22 09/27/22 ND 0.0250 1 09/27/22 09/27/22 ND 0.0250 1 09/27/22 09/27/22 ND 70-130 09/27/22 09/27/22 98.7 % 70-130 09/27/22 09/27/22 mg/kg mg/kg Analyst: RKS ND 20.0 1 09/27/22 09/27/22 99.1 % 70-130 09/27/22 09/27/22 103 % 70-130 09/27/22 09/27/22 98.7 % 70-130 09/27/22 09/27/22 98.7 % 70-13



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/20225:01:13PM

SC-67 E209149-07

		E207147-07					
Andre	D14	Reporting			D 1	A a harman 1	N
Analyte	Result	Limit	Dilt	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2240032
Benzene	ND	0.0250		1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250		1	09/27/22	09/27/22	
Toluene	ND	0.0250		1	09/27/22	09/27/22	
o-Xylene	ND	0.0250		1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500		1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250		1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		98.7 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		101 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2240032
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		98.7 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		101 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2240023
Diesel Range Organics (C10-C28)	ND	25.0		1	09/27/22	09/27/22	_
Oil Range Organics (C28-C36)	ND	50.0	<u> </u>	1	09/27/22	09/27/22	
Surrogate: n-Nonane		80.7 %	50-200		09/27/22	09/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2240027
Chloride	22.3	20.0		1	09/27/22	09/28/22	



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/20225:01:13PM

SC-68

		1207117 00					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst			Batch: 2240032
Benzene	ND	0.0250		1	09/27/22	09/27/22	Batch: 22 10032
Ethylbenzene	ND	0.0250		1	09/27/22	09/27/22	
Toluene	ND	0.0250		1	09/27/22	09/27/22	
o-Xylene	ND	0.0250		1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500		1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250		1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		97.7 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		101 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2240032
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		97.7 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		101 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: ЛL		Batch: 2240023
Diesel Range Organics (C10-C28)	125	25.0		1	09/27/22	09/27/22	
Oil Range Organics (C28-C36)	81.9	50.0		1	09/27/22	09/27/22	
Surrogate: n-Nonane		88.7 %	50-200		09/27/22	09/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: RAS		Batch: 2240027
Chloride	468	20.0		1	09/27/22	09/28/22	



Souder Miller Associates - Carlsbad Project Name: Tomb Raider 1-12-62H

201 S Halagueno St. Project Number: 01058-0007 Reported:

Carlsbad NM, 88220 Project Manager: Heather Woods 9/28/2022 5:01:13PM

SC-69

E209149-09 Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: RKS Batch: 2240032 mg/kg mg/kg **Volatile Organic Compounds by EPA 8260B** 09/27/22 09/27/22 ND 0.0250 Benzene 1 09/27/22 09/27/22 Ethylbenzene ND 0.0250 ND 0.0250 1 09/27/22 09/27/22 Toluene 1 09/27/22 09/27/22 o-Xylene ND 0.0250 09/27/22 09/27/22 ND 0.0500 1 p,m-Xylene 09/27/22 09/27/22 1 Total Xylenes ND 0.0250 09/27/22 09/27/22 Surrogate: Bromofluorobenzene 101 % 70-130 Surrogate: 1,2-Dichloroethane-d4 99.8 % 70-130 09/27/22 09/27/22 Surrogate: Toluene-d8 99.5 % 70-130 09/27/22 09/27/22 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: RKS Batch: 2240032 ND 09/27/22 09/27/22 20.0 1 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 101 % 09/27/22 09/27/22 70-130 99.8 % 09/27/22 09/27/22 Surrogate: 1,2-Dichloroethane-d4 70-130 Surrogate: Toluene-d8 09/27/22 09/27/22 99.5 % 70-130 mg/kg Analyst: JL Batch: 2240023 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 09/27/22 25.0 1 09/27/22 269 Diesel Range Organics (C10-C28) 201 50.0 1 09/27/22 09/27/22 Oil Range Organics (C28-C36) 89.3 % 50-200 09/27/22 09/27/22 Surrogate: n-Nonane

mg/kg

20.0

Analyst: RAS

09/27/22

09/28/22

1

mg/kg

613

Batch: 2240027

Anions by EPA 300.0/9056A

Chloride

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/20225:01:13PM

SC-70 E209149-10

		Reporting	D.11				
Analyte	Result	Limit	Dilt	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2240032
Benzene	ND	0.0250		1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250		1	09/27/22	09/27/22	
Toluene	ND	0.0250		1	09/27/22	09/27/22	
o-Xylene	ND	0.0250		1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500		1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	:	1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		98.7 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		98.5 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2240032
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		98.7 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		98.5 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	Л		Batch: 2240023
Diesel Range Organics (C10-C28)	178	25.0		1	09/27/22	09/27/22	
Oil Range Organics (C28-C36)	131	50.0		1	09/27/22	09/27/22	
Surrogate: n-Nonane		91.9 %	50-200		09/27/22	09/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2240027

20.0

565

09/27/22

09/28/22



Chloride

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 5:01:13PM

SC-71 E209149-11

		1207147-11				
Analyte	Result	Reporting Limit	Dilut	tion Prepare	ed Analyzed	Notes
· ·				Analyst: RKS	7 mary 200	Batch: 2240032
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg			22 00/27/22	Batch: 2240032
Benzene	ND	0.0250	1	09/27/2		
Ethylbenzene	ND	0.0250	1	09/27/2		
Toluene	ND	0.0250	1	09/27/2		
o-Xylene	ND	0.0250	1	09/27/2		
p,m-Xylene	ND	0.0500	1	09/27/2		
Total Xylenes	ND	0.0250	1	09/27/2	22 09/27/22	
Surrogate: Bromofluorobenzene		101 %	70-130	09/27/2	22 09/27/22	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130	09/27/2	22 09/27/22	
Surrogate: Toluene-d8		98.8 %	70-130	09/27/2	22 09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: RKS		Batch: 2240032
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/2	22 09/27/22	
Surrogate: Bromofluorobenzene		101 %	70-130	09/27/2	22 09/27/22	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130	09/27/2	22 09/27/22	
Surrogate: Toluene-d8		98.8 %	70-130	09/27/2	22 09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2240023
Diesel Range Organics (C10-C28)	177	25.0	1	09/27/2	22 09/27/22	
Oil Range Organics (C28-C36)	132	50.0	1	09/27/2	22 09/27/22	
Surrogate: n-Nonane		88.6 %	50-200	09/27/2	22 09/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2240027
Chloride	506	20.0	1	09/27/2	22 09/28/22	



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/20225:01:13PM

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		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2240032
Benzene	ND	0.0250	1	[09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1	l	09/27/22	09/27/22	
Toluene	ND	0.0250	1	l	09/27/22	09/27/22	
o-Xylene	ND	0.0250	1	l	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1	l	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1	[09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		101 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		98.3 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2240032
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		101 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		98.3 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2240023
Diesel Range Organics (C10-C28)	88.7	25.0	1	1	09/27/22	09/27/22	_
Oil Range Organics (C28-C36)	80.7	50.0	1	l	09/27/22	09/27/22	
Surrogate: n-Nonane		84.1 %	50-200		09/27/22	09/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2240027
Chloride	365	20.0	1		09/27/22	09/28/22	



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/20225:01:13PM

SC-73 E209149-13

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2240032
Benzene	ND	0.0250		1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250		1	09/27/22	09/27/22	
Toluene	ND	0.0250		1	09/27/22	09/27/22	
o-Xylene	ND	0.0250		1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500		1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250		1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		98.9 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		99.1 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2240032
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		98.9 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		99.1 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: Л		Batch: 2240023
Diesel Range Organics (C10-C28)	44.5	25.0		1	09/27/22	09/27/22	
Oil Range Organics (C28-C36)	ND	50.0		1	09/27/22	09/27/22	
Surrogate: n-Nonane		88.9 %	50-200		09/27/22	09/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: RAS		Batch: 2240027



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/20225:01:13PM

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		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	mg/kg Analyst: RKS			Batch: 2240032	
Benzene	ND	0.0250	1	1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1	1	09/27/22	09/27/22	
Toluene	ND	0.0250	1	1	09/27/22	09/27/22	
o-Xylene	ND	0.0250	1	1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1	1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1	1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		99.1 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		98.2 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2240032
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		99.1 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		98.2 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2240023
Diesel Range Organics (C10-C28)	45.8	25.0	1	1	09/27/22	09/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/27/22	09/28/22	
Surrogate: n-Nonane		89.1 %	50-200		09/27/22	09/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2240027
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Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/20225:01:13PM

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		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	mg/kg Analyst: RKS			Batch: 2240032	
Benzene	ND	0.0250		1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250		1	09/27/22	09/27/22	
Toluene	ND	0.0250		1	09/27/22	09/27/22	
o-Xylene	ND	0.0250		1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500		1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	Ī	1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		99.1 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		98.8 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2240032
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		99.1 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		98.8 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2240023
Diesel Range Organics (C10-C28)	44.7	25.0		1	09/27/22	09/28/22	
Oil Range Organics (C28-C36)	ND	50.0		1	09/27/22	09/28/22	
Surrogate: n-Nonane		68.2 %	50-200		09/27/22	09/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2240027
11110115 6 1 11111 0 0 0 0 0 1 1							



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/20225:01:13PM

SC-76 E209149-16

		120711710					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2240032
Benzene	ND	0.0250		1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250		1	09/27/22	09/27/22	
Toluene	ND	0.0250		1	09/27/22	09/27/22	
o-Xylene	ND	0.0250		1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500		1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250		1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		98.2 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		99.4 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2240032
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		98.2 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		99.4 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: ЛL		Batch: 2240023
Diesel Range Organics (C10-C28)	37.4	25.0		1	09/27/22	09/28/22	
Oil Range Organics (C28-C36)	ND	50.0		1	09/27/22	09/28/22	
Surrogate: n-Nonane		89.3 %	50-200		09/27/22	09/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2240027
Chloride	317	20.0		1	09/27/22	09/28/22	



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/20225:01:13PM

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		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS			Batch: 2240032
Benzene	ND	0.0250	1	1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1	1	09/27/22	09/27/22	
Toluene	ND	0.0250	1	1	09/27/22	09/27/22	
o-Xylene	ND	0.0250	1	1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1	1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1	1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		96.4 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		98.4 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2240032
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		96.4 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		98.4 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	ЛL		Batch: 2240023
Diesel Range Organics (C10-C28)	143	25.0	1	1	09/27/22	09/28/22	
Oil Range Organics (C28-C36)	110	50.0	1	1	09/27/22	09/28/22	
Surrogate: n-Nonane		89.5 %	50-200		09/27/22	09/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2240027
Chloride	635	20.0	1	. –	09/27/22	09/28/22	



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/2022 5:01:13PM

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		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg mg/kg Analyst: RKS			Batch: 2240032			
Benzene	ND	0.0250	1	[09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1	l	09/27/22	09/27/22	
Toluene	ND	0.0250	1	1	09/27/22	09/27/22	
o-Xylene	ND	0.0250	1	1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1	l	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1	l	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		98.5 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		99.7 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2240032
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		98.5 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		99.7 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2240023
Diesel Range Organics (C10-C28)	117	25.0	1		09/27/22	09/28/22	
Oil Range Organics (C28-C36)	88.2	50.0	1	1	09/27/22	09/28/22	
Surrogate: n-Nonane		93.0 %	50-200		09/27/22	09/28/22	
A: b EDA 200 0/005/ A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2240027
Anions by EPA 300.0/9056A							



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/20225:01:13PM

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		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS			Batch: 2240032
Benzene	ND	0.0250		1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250		1	09/27/22	09/27/22	
Toluene	ND	0.0250]	1	09/27/22	09/27/22	
o-Xylene	ND	0.0250]	1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500]	1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	Ī	1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		99.2 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		98.5 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2240032
Gasoline Range Organics (C6-C10)	ND	20.0	:	1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		99.2 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		98.5 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2240023
Diesel Range Organics (C10-C28)	91.5	25.0		1	09/27/22	09/28/22	
Oil Range Organics (C28-C36)	72.7	50.0		1	09/27/22	09/28/22	
Surrogate: n-Nonane		89.0 %	50-200		09/27/22	09/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2240027
Chloride	318	20.0		1	09/27/22	09/28/22	



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/20225:01:13PM

SC-80

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		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2240032
Benzene	ND	0.0250		1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250		1	09/27/22	09/27/22	
Toluene	ND	0.0250		1	09/27/22	09/27/22	
o-Xylene	ND	0.0250		1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500		1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250		1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		98.8 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		99.4 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2240032
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		98.8 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		99.4 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: ЛL		Batch: 2240023
Diesel Range Organics (C10-C28)	71.9	25.0		1	09/27/22	09/28/22	
Oil Range Organics (C28-C36)	56.1	50.0		1	09/27/22	09/28/22	
Surrogate: n-Nonane		89.4 %	50-200		09/27/22	09/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: RAS		Batch: 2240027
	53.4	20.0		1	09/27/22	09/28/22	

QC Summary Data

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62HReported:201 S Halagueno St.Project Number:01058-0007Carlsbad NM, 88220Project Manager:Heather Woods9/28/20225:01:13PM

Carlsbad NM, 88220		Project Manage	r: He	eather Woods				9/	28/2022 5:01:13PM
	Vo	olatile Organ	ic Compo	unds by EP	PA 82601	3			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2240032-BLK1)						1	Prepared: 0	9/27/22 Ana	lyzed: 09/27/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.493		0.500		98.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.2	70-130			
LCS (2240032-BS1)]	Prepared: 0	9/27/22 Ana	lyzed: 09/27/22
Benzene	2.13	0.0250	2.50		85.3	70-130			
Ethylbenzene	2.06	0.0250	2.50		82.2	70-130			
Toluene	2.06	0.0250	2.50		82.4	70-130			
p-Xylene	2.05	0.0250	2.50		82.1	70-130			
o,m-Xylene	4.09	0.0500	5.00		81.8	70-130			
Total Xylenes	6.14	0.0250	7.50		81.9	70-130			
Surrogate: Bromofluorobenzene	0.511		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.6	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.3	70-130			
LCS Dup (2240032-BSD1)]	Prepared: 0	9/27/22 Ana	lyzed: 09/27/22
Benzene	1.99	0.0250	2.50		79.7	70-130	6.86	23	
Ethylbenzene	1.92	0.0250	2.50		76.9	70-130	6.71	27	
Toluene	1.92	0.0250	2.50		77.0	70-130	6.75	24	
p-Xylene	1.91	0.0250	2.50		76.5	70-130	7.09	27	
o,m-Xylene	3.83	0.0500	5.00		76.6	70-130	6.58	27	
Total Xylenes	5.74	0.0250	7.50		76.5	70-130	6.75	27	
Surrogate: Bromofluorobenzene	0.505		0.500		101	70-130			

0.500

70-130



Surrogate: Toluene-d8

0.487

QC Summary Data

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62HReported:201 S Halagueno St.Project Number:01058-0007Carlsbad NM, 88220Project Manager:Heather Woods9/28/20225:01:13PM

Nonhalogenated	Organics by	v EPA	8015D -	GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2240032-BLK1)							Prepared: 0	9/27/22 Anal	yzed: 09/27/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.493		0.500		98.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.2	70-130			
LCS (2240032-BS2)							Prepared: 0	9/27/22 Anal	yzed: 09/27/22
Gasoline Range Organics (C6-C10)	47.0	20.0	50.0		94.0	70-130			
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			

0.495 0.500 99.0 70-130 Surrogate: Toluene-d8 LCS Dup (2240032-BSD2) Prepared: 09/27/22 Analyzed: 09/28/22 95.2 47.6 50.0 70-130 Gasoline Range Organics (C6-C10) 20.0 70-130 0.500 101 ${\it Surrogate: Bromofluor obenzene}$ 0.507Surrogate: 1,2-Dichloroethane-d4 0.491 0.50098.2 70 - 130Surrogate: Toluene-d8 0.490 0.500 97.9 70-130

QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	Reported:
201 S Halagueno St.	Project Number:	01058-0007	•
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 5:01:13PM

Carlsbad NM, 88220		Project Manage	r: He	eather Woods				9/2	8/2022 5:01:13PM
	Nonhal	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2240023-BLK1)							Prepared: 0	9/27/22 Anal	yzed: 09/27/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.1		50.0		84.2	50-200			
LCS (2240023-BS1)							Prepared: 0	9/27/22 Anal	yzed: 09/28/22
Diesel Range Organics (C10-C28)	257	25.0	250		103	38-132			
Surrogate: n-Nonane	54.5		50.0		109	50-200			
Matrix Spike (2240023-MS1)				Source:	E209149-2	20	Prepared: 0	9/27/22 Anal	yzed: 09/28/22
Diesel Range Organics (C10-C28)	295	25.0	250	71.9	89.4	38-132			
Surrogate: n-Nonane	49.9		50.0		99.7	50-200			
Matrix Spike Dup (2240023-MSD1)				Source:	E209149-2	20	Prepared: 0	9/27/22 Anal	yzed: 09/28/22
Diesel Range Organics (C10-C28)	290	25.0	250	71.9	87.3	38-132	1.76	20	
Surrogate: n-Nonane	51.0		50.0		102	50-200			



Chloride

QC Summary Data

Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager	(Tomb Raider 1- 01058-0007 Heather Woods	12-62Н			9,	Reported: /28/2022 5:01:13PM
		Anions	by EPA	300.0/9056	\				Analyst: RAS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2240027-BLK1)							Prepared: 0	9/27/22 Ana	alyzed: 09/27/22
Chloride	ND	20.0							
LCS (2240027-BS1)							Prepared: 0	9/27/22 Ana	alyzed: 09/27/22
Chloride	251	20.0	250		100	90-110			
LCS Dup (2240027-BSD1)							Prepared: 0	9/27/22 Ana	alyzed: 09/27/22

250

20.0

102

90-110

1.47

254

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	09/28/22 17:01

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



oject Information	Chain of C	LISEOU 7							25			
	Bill To	-				Use (0	TAT		EPA Program	WA
ient: Souder Miller & ASSOCIATES	Attention: Devon	_	Lab V	#0#	149	10	5 Numb	p07	X	U IICI		
roject: Tomb Kalast I Woods	Address:	-	150	09	111	Ar	alysis an	d Nietho	d		NM CO UT	TAZ
dress: 201 5 Halagruno	City, State, Zip Phone:								1		X	1
ient: Souder Maller 1-12-624 roject: Tomb Raider 1-12-624 roject Manager: Heather Woods ddress: 20 5 Halanten dtress: 20 5 Halanten	Email:		8015	8015			a		-		TX OK	1
hone: mail:	WOH 20987302	-	RO by	RO by	v 8021	/ 8260	0109 t		C - NM	XL.3	2	
Report due by:		Lab Number	DRO/ORO by 80 15	GRO/DRO by 8015	RTEX by 8023	VOC. by 8260	Metals 6010 Chloride 300.0		BGDOC	BGDOC - 1X	Remark!	-
Time Date Matrix No Container's Sample ID		Number	1	3					X			
0903 9/23/22/5011 1 50-61		12	+						X		1	
09049/23/225011 1 56-62		14	+		-		+	++	1			
040419999999		3		_			_	++	X	-		
0905 1050		14							X	-		
0906 1050000		5							X			_
0907 9123625011 1 5C-65		6							X			_
090893333 Soil 1 SC-66		7							X			
09099/23/22/501/ 1 50-67		8			+				>			
0937 9/23/22 5011 1 56-68		q	+	+	+	+)			
0938 933 22 SOIL 1 SC-69			+	+	+	+		+	-			
1 10 11 1 SC-70		10				1			- 1	1-4		
Additional Instructions:	Joods Sarahmay	Sch	lea	_, (Se	or	gec	nn	Go	odm	ceredonice the day they are san	m pted
Please Serva to Heather W. (field sampler), attest to the validity and authenticity of this sample. I am accert	that tampering that or the research	le location, day	e or				received :	acked in sea	tan aug ten			\$
turne of collection is considered fraud and may be grounds for legal action. James	ed by: Received by (Signature)	Days	XC	4	īme	11.0	2/2	o makena		Lab Us	e Only	
Late I was	:00	Date	We I	700	ACCOUNT OF		Rece	ived on	ice:	0/ 1	т2	
Relinquished Signatury Date		2 9/2 Date	27/2		10.	:4:	71	-	_	T2	<u>T3</u>	
Reinquished by: (Signature) Date Time								Temp 6		ralass v	- VOA	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other . Note: Samples are discarded 30 days after results are reported unless.		Con	tainer	Type	g-g	lass, p	- poly/p	a stic, ag	- armoe	r glass, v	vsis of the above samples	5 15 30

Received by OCD: 4/25/2023 12:52:09 PM

oject Information								J.C.	5	EI	A Progr	am
ient: Souder Miller + ASSOCIATES	Attention: De VOC	1	Lab W	O#	ab Use	lob Nun	ber 3-000 7	10/3		RCRA	CWA	SDWA
oject: Tomb Karder 1 10005	Address:		PEZ	091	47	4nalysis	and Metho	od				tate O UT AZ
ddress: 201 S Halagueno	City, State, Zip Phone:										X	01 1/2
oject Manager: HPAHALY WARD odress: 201 S. Halague n. D. ity, State, Zip (ANDA bad, NM 8822)	Email:		3015	5108		5		-	- 1		TX O	K
hone: mail:	WO# 2098730	72	DRO/ORO by 8015	GRO/DRO by 8015	VOC. by 8260	Metals 6010		BGDOC - NM	×L.		1	
Report due by:	00022 00 18 15	Lab	10/01	io/bi	VOC. by 8260	Metals 6010		0008	BGDUC - 1X		R	emarks
Time Date Matrix Containers Sample ID		Number	ă	5 2	5	2 0	++	X	1			
3000		111					11	V	,	-	+	-
0940 8/23/22 SOIL 1 SC-7		12						X				A ^b
0941 A/23/22 SOIL 1 SC-7	·		+		+	11		V				
MAI 12300 SOLL		13				11		1	-	++		
0140 1100		14		1				X				
0943 9/23/22 8011 1 5C-7	4	16						X				
	5	15	-	1	-	++	-	-	+	++		
0944 90000		16					- 3	X	4	++	-	
0945 9 23 22 SOIL 1 SC-	ΙΨ	17						1	(
09469/23/22 SOIL 1 SC-	17	116	- 1	-				1	y			
0446 1123/20 (201)		18			-	-	-	1	4	-		
0997 110300 (00)		119							X			
0948 9/23/22 SOIL 1 SC-	19		1						X			
	80	20			1 1		حليا	1. 1	1			
I MIM I I I I I I I I I I I I I I I I I	er Woods, Sarahma	1 Schl	an ,	Coci	orae	anr	Ga	xdm	2	\wedge	on ce the day t	hey are sampled
Additional Instructions: Please Send to Heathe (field sampler), strest to the validity and authenticity of this sample.	that tampering with or intentionarly mislabelling the	sample location, date	e or		J	Samp	es :eourng the ed packed in ice	ermal preserv	at spans	O but less that	n é Son subse	equent days
. (field sampler), attest to the validity and authenticity of this sample. It time of collection is considered fraud and may be grounds for legal action.	on. Sampled by:	I Fig. 20	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Tim	2/10					0		
(Signature)		950)6Q	5	1:3	Re	ceived or	n ice:	Y	N		
1 000 00	Time (/ Received by (Signature)		7/2	-	5:4				T2			3
Relinquished at (Signature)	Time Received by (Signature) Time Received by: (Signature)	le 910		Tir		13	-	-,	,			

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hatardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable. ony to those samples received by the laboratory with this COC. The liability of the laborator, is limited to the amount paid for on the report

Printed: 9/27/2022 1:53:35PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Souder Miller Associates - Carlsbad	Date Received:	09/27/22 10:4:	5	Work Orde	r ID:	E209149
Phone:	(575) 200-5443	Date Logged In:	09/27/22 08:33	3	Logged In	By:	Caitlin Christian
Email:		Due Date:	09/28/22 17:0	0 (1 day TAT)			
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location man	ch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Camian I	IDC		
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes	Carrier: <u>U</u>	<u>) F </u>		
	Il samples received within holding time?	nea anary ses.	Yes				
5. West a	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.		100	,	<u>Co</u>	nmen	ts/Resolution
Sample T	<u> Curn Around Time (TAT)</u>				D : 41 1		. 1 4
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes		Project has been se	_	-
Sample C	<u>Cooler</u>				due to amount of s	amp	les. Workorders are
7. Was a s	sample cooler received?		Yes		as follows:		
8. If yes,	was cooler received in good condition?		Yes		E209148 COC pg	1&2	of 8, E209149
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				9150 COC pg 5&6
10. Were	custody/security seals present?		No				
11. If yes,	, were custody/security seals intact?		NA		of 8, E209151 CO	C pg	7&8 of 8.
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
	Container _	· · · · · ·	=				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers')	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lat	· · ·		100				
	field sample labels filled out with the minimum info	rmation:					
	ample ID?		Yes				
D	ate/Time Collected?		Yes				
C	ollectors name?		No				
	<u>reservation</u>						
	the COC or field labels indicate the samples were pr	eserved?	No				
	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved n	netals?	No				
	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	se?	No				
27. If yes,	, does the COC specify which phase(s) is to be analy	zed?	NA				
Subcontr	act Laboratory						
	amples required to get sent to a subcontract laborato	rv?	No				
	subcontract laboratory specified by the client and it	-	NA Sul	ocontract Lab	o: na		
	nstruction						

Date

Signature of client authorizing changes to the COC or sample disposition.

Report to:
Heather Woods



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Souder Miller Associates - Carlsbad

Project Name: Tomb Raider 1-12-62H

Work Order: E209150

Job Number: 01058-0007

Received: 9/27/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/28/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 9/28/22

Heather Woods 201 S Halagueno St. Carlsbad, NM 88220

Project Name: Tomb Raider 1-12-62H

Workorder: E209150

Date Received: 9/27/2022 10:45:00AM

Heather Woods,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/27/2022 10:45:00AM, under the Project Name: Tomb Raider 1-12-62H.

The analytical test results summarized in this report with the Project Name: Tomb Raider 1-12-62H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Alexa Michaels

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

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Office: 505-421-LABS(5227)

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ljarboe@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

Technical Representative Office: 505-421-LABS(5227)

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Sample Summary

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	Donoutoda
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	09/28/22 16:27

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SC-81	E209150-01A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-82	E209150-02A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-83	E209150-03A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-84	E209150-04A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-85	E209150-05A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-86	E209150-06A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-87	E209150-07A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-88	E209150-08A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-89	E209150-09A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-90	E209150-10A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-91	E209150-11A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-92	E209150-12A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-93	E209150-13A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-94	E209150-14A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-95	E209150-15A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-96	E209150-16A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-97	E209150-17A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-98	E209150-18A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-99	E209150-19A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-100	E209150-20A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:27:39PM

SC-81 E209150-01

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2240033
Benzene	ND	0.0250		1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250		1	09/27/22	09/27/22	
Toluene	ND	0.0250		1	09/27/22	09/27/22	
o-Xylene	ND	0.0250		1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500		1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250		1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		97.2 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		104 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2240033
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		97.2 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		104 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: Љ		Batch: 2240024
Diesel Range Organics (C10-C28)	336	25.0		1	09/27/22	09/27/22	
Oil Range Organics (C28-C36)	291	50.0		1	09/27/22	09/27/22	
Surrogate: n-Nonane		79.8 %	50-200		09/27/22	09/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2240026
Chloride	675	20.0		1	09/27/22	09/27/22	



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/2022 4:27:39PM

SC-82

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2240033
Benzene	ND	0.0250	1	l	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1	l	09/27/22	09/27/22	
Toluene	ND	0.0250	1	l	09/27/22	09/27/22	
o-Xylene	ND	0.0250	1	l	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1	l	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1	l	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		95.9 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		105 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2240033
Gasoline Range Organics (C6-C10)	ND	20.0	1	<u> </u>	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		95.9 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		105 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: .	JL		Batch: 2240024
Diesel Range Organics (C10-C28)	198	25.0	1		09/27/22	09/27/22	
Oil Range Organics (C28-C36)	167	50.0	1	l	09/27/22	09/27/22	
Surrogate: n-Nonane		82.2 %	50-200		09/27/22	09/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2240026



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/2022 4:27:39PM

SC-83

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2240033
Benzene	ND	0.0250		1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250]	1	09/27/22	09/27/22	
Toluene	ND	0.0250		1	09/27/22	09/27/22	
o-Xylene	ND	0.0250		1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500		1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	Ī	1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		97.7 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		105 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2240033
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		97.7 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		105 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2240024
Diesel Range Organics (C10-C28)	28.9	25.0		1	09/27/22	09/27/22	
Oil Range Organics (C28-C36)	ND	50.0		1	09/27/22	09/27/22	
Surrogate: n-Nonane		80.2 %	50-200		09/27/22	09/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2240026
	202	20.0			09/27/22	09/27/22	

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/20224:27:39PM

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		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2240033
Benzene	ND	0.0250		1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250		1	09/27/22	09/27/22	
Toluene	ND	0.0250		1	09/27/22	09/27/22	
o-Xylene	ND	0.0250		1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500		1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250		1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		96.6 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		105 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2240033
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		96.6 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		105 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2240024
Diesel Range Organics (C10-C28)	158	25.0		1	09/27/22	09/27/22	
Oil Range Organics (C28-C36)	121	50.0		1	09/27/22	09/27/22	
Surrogate: n-Nonane		82.0 %	50-200		09/27/22	09/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2240026
						09/27/22	



Souder Miller Associates - Carlsbad Project Name: Tomb Raider 1-12-62H

201 S Halagueno St. Project Number: 01058-0007 Reported:

Carlsbad NM, 88220 Project Manager: Heather Woods 9/28/2022 4:27:39PM

SC-85

E209150-05 Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: IY Batch: 2240033 mg/kg mg/kg **Volatile Organic Compounds by EPA 8260B** 09/27/22 09/27/22 ND 0.0250 Benzene 09/27/22 09/27/22 Ethylbenzene ND 0.0250 1 ND 0.0250 1 09/27/22 09/27/22 Toluene 1 09/27/22 09/27/22 o-Xylene ND 0.0250 09/27/22 09/27/22 ND 0.0500 1 p,m-Xylene 09/27/22 09/27/22 1 Total Xylenes ND 0.0250 09/27/22 09/27/22 Surrogate: Bromofluorobenzene 99.6% 70-130 Surrogate: 1,2-Dichloroethane-d4 96.7 % 70-130 09/27/22 09/27/22 Surrogate: Toluene-d8 106 % 70-130 09/27/22 09/27/22 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: IY Batch: 2240033 ND 1 09/27/22 09/27/22 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 99.6 % 09/27/22 09/27/22 70-130 09/27/22 09/27/22 Surrogate: 1,2-Dichloroethane-d4 96.7% 70-130 Surrogate: Toluene-d8 09/27/22 09/27/22 106 % 70-130 mg/kg Analyst: JL Batch: 2240024 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 09/27/22 192 25.0 1 09/27/22 Diesel Range Organics (C10-C28) 139 50.0 1 09/27/22 09/27/22 Oil Range Organics (C28-C36) 81.9 % 50-200 09/27/22 09/27/22 Surrogate: n-Nonane

mg/kg

20.0

Analyst: RAS

09/27/22

09/27/22

1

mg/kg

519



Batch: 2240026

Anions by EPA 300.0/9056A

Chloride

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/2022 4:27:39PM

SC-86

E209150-06 Reporting Result Limit Dilution Prepared Analyzed Notes mg/kg mg/kg Analyst: IY Batch: 2240033

09/27/22

09/27/22

Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2240033
Benzene	ND	0.0250		1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250		1	09/27/22	09/27/22	
Toluene	ND	0.0250		1	09/27/22	09/27/22	
o-Xylene	ND	0.0250		1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500		1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250		1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		97.3 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		91.9 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		106 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2240033
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		97.3 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		91.9 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		106 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2240024
Diesel Range Organics (C10-C28)	311	25.0		1	09/27/22	09/28/22	
Oil Range Organics (C28-C36)	323	50.0		1	09/27/22	09/28/22	
Surrogate: n-Nonane		81.2 %	50-200	·	09/27/22	09/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2240026

20.0

381

Chloride

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/2022 4:27:39PM

SC-87 E209150-07

Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Allaryte				1	Allaryzeu	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2240033
Benzene	ND	0.0250	1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/27/22	09/27/22	
Toluene	ND	0.0250	1	09/27/22	09/27/22	
o-Xylene	ND	0.0250	1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		97.0 %	70-130	09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		93.7 %	70-130	09/27/22	09/27/22	
Surrogate: Toluene-d8		103 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2240033
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		97.0 %	70-130	09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		93.7 %	70-130	09/27/22	09/27/22	
Surrogate: Toluene-d8		103 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: JL		Batch: 2240024
Diesel Range Organics (C10-C28)	90.9	25.0	1	09/27/22	09/28/22	
Oil Range Organics (C28-C36)	96.7	50.0	1	09/27/22	09/28/22	
Surrogate: n-Nonane		82.3 %	50-200	09/27/22	09/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: RAS		Batch: 2240026
Chloride	41.0	20.0	1	09/27/22	09/27/22	



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/2022 4:27:39PM

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		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2240033
Benzene	ND	0.0250		1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250		1	09/27/22	09/27/22	
Toluene	ND	0.0250]	1	09/27/22	09/27/22	
o-Xylene	ND	0.0250		1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500		1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	į	1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		98.9 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		91.5 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		105 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2240033
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		98.9 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		91.5 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		105 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	ЛL		Batch: 2240024
Diesel Range Organics (C10-C28)	57.3	25.0		1	09/27/22	09/28/22	
Oil Range Organics (C28-C36)	57.0	50.0		1	09/27/22	09/28/22	
Surrogate: n-Nonane		82.2 %	50-200		09/27/22	09/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2240026
						09/27/22	



Souder Miller Associates - Carlsbad Project Name: Tomb Raider 1-12-62H

201 S Halagueno St. Project Number: 01058-0007 Reported:

Carlsbad NM, 88220 Project Manager: Heather Woods 9/28/2022 4:27:39PM

SC-89

E209150-09 Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: IY Batch: 2240033 mg/kg mg/kg **Volatile Organic Compounds by EPA 8260B** 09/27/22 09/27/22 ND 0.0250 Benzene 09/27/22 09/27/22 Ethylbenzene ND 0.0250 1 ND 0.0250 1 09/27/22 09/27/22 Toluene 1 09/27/22 09/27/22 o-Xylene ND 0.0250 09/27/22 09/27/22 ND 0.0500 1 p,m-Xylene 09/27/22 09/27/22 1 Total Xylenes ND 0.0250 09/27/22 09/27/22 Surrogate: Bromofluorobenzene 99.3 % 70-130 Surrogate: 1,2-Dichloroethane-d4 93.0 % 70-130 09/27/22 09/27/22 Surrogate: Toluene-d8 106 % 70-130 09/27/22 09/27/22 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: IY Batch: 2240033 ND 1 09/27/22 09/27/22 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 99.3 % 09/27/22 09/27/22 70-130 93.0 % 09/27/22 09/27/22 Surrogate: 1,2-Dichloroethane-d4 70-130 Surrogate: Toluene-d8 09/27/22 09/27/22 106 % 70-130 mg/kg Analyst: JL Batch: 2240024 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 09/28/22 ND 25.0 1 09/27/22 Diesel Range Organics (C10-C28) ND 50.0 1 09/27/22 09/28/22 Oil Range Organics (C28-C36) 83.3 % 50-200 09/27/22 09/28/22 Surrogate: n-Nonane

mg/kg

20.0

Analyst: RAS

09/27/22

09/27/22

1

mg/kg

23.1

Batch: 2240026

Anions by EPA 300.0/9056A

Chloride

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:27:39PM

SC-90 E209150-10

Analyte	Result	Reporting Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2240033
Benzene	ND	0.0250	1	09/27/22	09/28/22	Batem 22 10000
Ethylbenzene	ND	0.0250	1	09/27/22	09/28/22	
Toluene	ND	0.0250	1	09/27/22	09/28/22	
o-Xylene	ND	0.0250	1	09/27/22	09/28/22	
p,m-Xylene	ND	0.0500	1	09/27/22	09/28/22	
Total Xylenes	ND	0.0250	1	09/27/22	09/28/22	
Surrogate: Bromofluorobenzene		96.0 %	70-130	09/27/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130	09/27/22	09/28/22	
Surrogate: Toluene-d8		105 %	70-130	09/27/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2240033
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/22	09/28/22	
Surrogate: Bromofluorobenzene		96.0 %	70-130	09/27/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130	09/27/22	09/28/22	
Surrogate: Toluene-d8		105 %	70-130	09/27/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: JL		Batch: 2240024
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/22	09/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/22	09/28/22	
Surrogate: n-Nonane		84.2 %	50-200	09/27/22	09/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: RAS		Batch: 2240026
Chloride	29.9	20.0	1	09/27/22	09/27/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:27:39PM

SC-91

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: 1	IY		Batch: 2240033
Benzene	ND	0.0250	1		09/27/22	09/28/22	
Ethylbenzene	ND	0.0250	1		09/27/22	09/28/22	
Toluene	ND	0.0250	1	Į.	09/27/22	09/28/22	
o-Xylene	ND	0.0250	1	Į.	09/27/22	09/28/22	
p,m-Xylene	ND	0.0500	1	Į.	09/27/22	09/28/22	
Total Xylenes	ND	0.0250	1		09/27/22	09/28/22	
Surrogate: Bromofluorobenzene		97.2 %	70-130		09/27/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		09/27/22	09/28/22	
Surrogate: Toluene-d8		106 %	70-130		09/27/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: 1	IY		Batch: 2240033
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/27/22	09/28/22	
Surrogate: Bromofluorobenzene		97.2 %	70-130		09/27/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		09/27/22	09/28/22	
Surrogate: Toluene-d8		106 %	70-130		09/27/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: .	JL		Batch: 2240024
Diesel Range Organics (C10-C28)	ND	25.0	1		09/27/22	09/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1		09/27/22	09/28/22	
Surrogate: n-Nonane		83.5 %	50-200		09/27/22	09/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: 1	RAS		Batch: 2240026
						09/27/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:27:39PM

SC-92

		Reporting					
Analyte	Result	Limit	Dilı	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2240033
Benzene	ND	0.0250		1	09/27/22	09/28/22	
Ethylbenzene	ND	0.0250		1	09/27/22	09/28/22	
Toluene	ND	0.0250		1	09/27/22	09/28/22	
o-Xylene	ND	0.0250		1	09/27/22	09/28/22	
p,m-Xylene	ND	0.0500		1	09/27/22	09/28/22	
Total Xylenes	ND	0.0250		1	09/27/22	09/28/22	
Surrogate: Bromofluorobenzene		98.2 %	70-130		09/27/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		92.6 %	70-130		09/27/22	09/28/22	
Surrogate: Toluene-d8		105 %	70-130		09/27/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2240033
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/27/22	09/28/22	
Surrogate: Bromofluorobenzene		98.2 %	70-130		09/27/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		92.6 %	70-130		09/27/22	09/28/22	
Surrogate: Toluene-d8		105 %	70-130		09/27/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2240024
Diesel Range Organics (C10-C28)	ND	25.0		1	09/27/22	09/28/22	
Oil Range Organics (C28-C36)	ND	50.0		1	09/27/22	09/28/22	
Surrogate: n-Nonane		81.7 %	50-200		09/27/22	09/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2240026



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:27:39PM

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		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2240033
Benzene	ND	0.0250		1	09/27/22	09/28/22	
Ethylbenzene	ND	0.0250		1	09/27/22	09/28/22	
Toluene	ND	0.0250		1	09/27/22	09/28/22	
o-Xylene	ND	0.0250		1	09/27/22	09/28/22	
p,m-Xylene	ND	0.0500		1	09/27/22	09/28/22	
Total Xylenes	ND	0.0250		1	09/27/22	09/28/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130		09/27/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130		09/27/22	09/28/22	
Surrogate: Toluene-d8		107 %	70-130		09/27/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2240033
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/27/22	09/28/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130		09/27/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130		09/27/22	09/28/22	
Surrogate: Toluene-d8		107 %	70-130		09/27/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2240024
Diesel Range Organics (C10-C28)	ND	25.0		1	09/27/22	09/28/22	
Oil Range Organics (C28-C36)	ND	50.0		1	09/27/22	09/28/22	
Surrogate: n-Nonane		76.4 %	50-200		09/27/22	09/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2240026
Chloride	58.4	20.0		1	09/27/22	09/27/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:27:39PM

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		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2240033
Benzene	ND	0.0250		1	09/27/22	09/28/22	
Ethylbenzene	ND	0.0250		1	09/27/22	09/28/22	
Toluene	ND	0.0250		1	09/27/22	09/28/22	
o-Xylene	ND	0.0250		1	09/27/22	09/28/22	
p,m-Xylene	ND	0.0500		1	09/27/22	09/28/22	
Total Xylenes	ND	0.0250		1	09/27/22	09/28/22	
Surrogate: Bromofluorobenzene		96.3 %	70-130		09/27/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		09/27/22	09/28/22	
Surrogate: Toluene-d8		106 %	70-130		09/27/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2240033
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/27/22	09/28/22	
Surrogate: Bromofluorobenzene		96.3 %	70-130		09/27/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		09/27/22	09/28/22	
Surrogate: Toluene-d8		106 %	70-130		09/27/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2240024
Diesel Range Organics (C10-C28)	ND	25.0		1	09/27/22	09/28/22	
Oil Range Organics (C28-C36)	ND	50.0		1	09/27/22	09/28/22	
Surrogate: n-Nonane		83.9 %	50-200		09/27/22	09/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: RAS		Batch: 2240026
	88.7	20.0		1	09/27/22	09/27/22	

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:27:39PM

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		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2240033
Benzene	ND	0.0250	1	1	09/27/22	09/28/22	
Ethylbenzene	ND	0.0250	1	1	09/27/22	09/28/22	
Toluene	ND	0.0250	1	1	09/27/22	09/28/22	
o-Xylene	ND	0.0250	1	1	09/27/22	09/28/22	
p,m-Xylene	ND	0.0500	1	1	09/27/22	09/28/22	
Total Xylenes	ND	0.0250	1	1	09/27/22	09/28/22	
Surrogate: Bromofluorobenzene		97.5 %	70-130		09/27/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		09/27/22	09/28/22	
Surrogate: Toluene-d8		105 %	70-130		09/27/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2240033
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/27/22	09/28/22	
Surrogate: Bromofluorobenzene		97.5 %	70-130		09/27/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		09/27/22	09/28/22	
Surrogate: Toluene-d8		105 %	70-130		09/27/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2240024
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/27/22	09/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/27/22	09/28/22	
Surrogate: n-Nonane		80.8 %	50-200		09/27/22	09/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2240026

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:27:39PM

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E209150-1	(
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Reporting							
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2240033
Benzene	ND	0.0250		1	09/27/22	09/28/22	
Ethylbenzene	ND	0.0250		1	09/27/22	09/28/22	
Toluene	ND	0.0250		1	09/27/22	09/28/22	
o-Xylene	ND	0.0250		1	09/27/22	09/28/22	
p,m-Xylene	ND	0.0500		1	09/27/22	09/28/22	
Total Xylenes	ND	0.0250		1	09/27/22	09/28/22	
Surrogate: Bromofluorobenzene		96.6 %	70-130		09/27/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		92.3 %	70-130		09/27/22	09/28/22	
Surrogate: Toluene-d8		105 %	70-130		09/27/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2240033
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/27/22	09/28/22	
Surrogate: Bromofluorobenzene		96.6 %	70-130		09/27/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		92.3 %	70-130		09/27/22	09/28/22	
Surrogate: Toluene-d8		105 %	70-130		09/27/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2240024
Diesel Range Organics (C10-C28)	ND	25.0		1	09/27/22	09/28/22	
Oil Range Organics (C28-C36)	ND	50.0		1	09/27/22	09/28/22	
Surrogate: n-Nonane		85.0 %	50-200		09/27/22	09/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: RAS		Batch: 2240026
Chloride	45.7	20.0		1	09/27/22	09/27/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:27:39PM

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		E209150-17					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: l	Y		Batch: 2240033
Benzene	ND	0.0250	1	1	09/27/22	09/28/22	
Ethylbenzene	ND	0.0250	1	l	09/27/22	09/28/22	
Toluene	ND	0.0250	1	l	09/27/22	09/28/22	
o-Xylene	ND	0.0250	1	l	09/27/22	09/28/22	
p,m-Xylene	ND	0.0500	1	l	09/27/22	09/28/22	
Total Xylenes	ND	0.0250	1	l	09/27/22	09/28/22	
Surrogate: Bromofluorobenzene		97.7 %	70-130		09/27/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130		09/27/22	09/28/22	
Surrogate: Toluene-d8		104 %	70-130		09/27/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: l	Y		Batch: 2240033
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/27/22	09/28/22	
Surrogate: Bromofluorobenzene		97.7 %	70-130		09/27/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130		09/27/22	09/28/22	
Surrogate: Toluene-d8		104 %	70-130		09/27/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: J	L		Batch: 2240024
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/27/22	09/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/27/22	09/28/22	
Surrogate: n-Nonane		86.6 %	50-200		09/27/22	09/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: l	RAS		Batch: 2240026
Chloride	ND	20.0	1	1	09/27/22	09/27/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:27:39PM

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		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: I\	7		Batch: 2240033
Benzene	ND	0.0250	1		09/27/22	09/28/22	
Ethylbenzene	ND	0.0250	1		09/27/22	09/28/22	
Toluene	ND	0.0250	1		09/27/22	09/28/22	
o-Xylene	ND	0.0250	1		09/27/22	09/28/22	
p,m-Xylene	ND	0.0500	1		09/27/22	09/28/22	
Total Xylenes	ND	0.0250	1		09/27/22	09/28/22	
Surrogate: Bromofluorobenzene		97.7 %	70-130		09/27/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		93.0 %	70-130		09/27/22	09/28/22	
Surrogate: Toluene-d8		106 %	70-130		09/27/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY	7		Batch: 2240033
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/27/22	09/28/22	
Surrogate: Bromofluorobenzene		97.7 %	70-130		09/27/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		93.0 %	70-130		09/27/22	09/28/22	
Surrogate: Toluene-d8		106 %	70-130		09/27/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JI			Batch: 2240024
Diesel Range Organics (C10-C28)	ND	25.0	1		09/27/22	09/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1		09/27/22	09/28/22	
Surrogate: n-Nonane		84.2 %	50-200		09/27/22	09/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: R	AS		Batch: 2240026
	ND				09/27/22	09/27/22	



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:27:39PM

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		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2240033
Benzene	ND	0.0250	1	l	09/27/22	09/28/22	
Ethylbenzene	ND	0.0250	1	l	09/27/22	09/28/22	
Toluene	ND	0.0250	1	l	09/27/22	09/28/22	
o-Xylene	ND	0.0250	1	l	09/27/22	09/28/22	
p,m-Xylene	ND	0.0500	1	l	09/27/22	09/28/22	
Total Xylenes	ND	0.0250	1	1	09/27/22	09/28/22	
Surrogate: Bromofluorobenzene		97.2 %	70-130		09/27/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		91.1 %	70-130		09/27/22	09/28/22	
Surrogate: Toluene-d8		105 %	70-130		09/27/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2240033
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/27/22	09/28/22	
Surrogate: Bromofluorobenzene		97.2 %	70-130		09/27/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		91.1 %	70-130		09/27/22	09/28/22	
Surrogate: Toluene-d8		105 %	70-130		09/27/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: .	JL		Batch: 2240024
Diesel Range Organics (C10-C28)	ND	25.0	1		09/27/22	09/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	l	09/27/22	09/28/22	
Surrogate: n-Nonane		83.7 %	50-200		09/27/22	09/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2240026



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/2022 4:27:39PM

SC-100 E209150-20

		Reporting					
Analyte	Result	Limit	Dilut	tion I	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IY			Batch: 2240033
Benzene	ND	0.0250	1	1 0	09/27/22	09/28/22	
Ethylbenzene	ND	0.0250	1	1 0	09/27/22	09/28/22	
Toluene	ND	0.0250	1	1 0	09/27/22	09/28/22	
o-Xylene	ND	0.0250	1	1 0	09/27/22	09/28/22	
p,m-Xylene	ND	0.0500	1	1 0	09/27/22	09/28/22	
Total Xylenes	ND	0.0250	1	1 0	09/27/22	09/28/22	
Surrogate: Bromofluorobenzene		98.1 %	70-130	a	09/27/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130	6	09/27/22	09/28/22	
Surrogate: Toluene-d8		107 %	70-130	a	09/27/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY			Batch: 2240033
Gasoline Range Organics (C6-C10)	ND	20.0	1	1 0	09/27/22	09/28/22	
Surrogate: Bromofluorobenzene		98.1 %	70-130	- 0	09/27/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130	0	09/27/22	09/28/22	
Surrogate: Toluene-d8		107 %	70-130	C	09/27/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL			Batch: 2240024
Diesel Range Organics (C10-C28)	ND	25.0	1	1 0	09/27/22	09/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1 0	09/27/22	09/28/22	
Surrogate: n-Nonane		84.0 %	50-200		09/27/22	09/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RAS	S		Batch: 2240026
11110115 6 1 11111 0 0 0 0 0 7 5 0 0 0 1 1							



Tomb Raider 1-12-62H Souder Miller Associates - Carlsbad Project Name: Reported: 201 S Halagueno St. Project Number: 01058-0007 Carlsbad NM, 88220 Project Manager: Heather Woods 9/28/2022 4:27:39PM **Volatile Organic Compounds by EPA 8260B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2240033-BLK1) Prepared: 09/27/22 Analyzed: 09/28/22 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.482 0.500 96.4 70-130 Surrogate: 1,2-Dichloroethane-d4 0.486 0.500 97.2 70-130 0.500 105 70-130 Surrogate: Toluene-d8 0.527 LCS (2240033-BS1) Prepared: 09/27/22 Analyzed: 09/28/22 2.27 0.0250 2.50 90.9 70-130 Benzene 2.28 2.50 91.2 70-130 Ethylbenzene 0.0250 2.24 0.0250 2.50 89.4 70-130 84.6 70-130 2.12 0.0250 2.50 o-Xylene 4.25 5.00 84.9 70-130 p,m-Xylene 0.0500 6.36 0.0250 7.50 84.8 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.492 0.500 98.4 70-130 0.500 97.3 70-130 Surrogate: 1,2-Dichloroethane-d4 0.487 70-130 Surrogate: Toluene-d8 0.529 0.500 Matrix Spike (2240033-MS1) Source: E209150-01 Prepared: 09/27/22 Analyzed: 09/28/22 2.31 0.0250 2.50 ND 92.4 48-131 45-135 Ethylbenzene 2.33 0.0250 2.50 ND 93.2 92.3 48-130 Toluene 2.31 0.0250 2.50 ND 2.17 0.0250 2.50 ND 86.8 43-135 o-Xylene 4.35 ND 86.9 43-135 p,m-Xylene 0.0500 5.00 Total Xylenes 6.52 0.0250 7.50 ND 86.9 43-135 99.1 0.496 0.500 70-130 Surrogate: Bromofluorobenzene 0.500 95.7 70-130 Surrogate: 1,2-Dichloroethane-d4 0.479 0.500 70-130 0.524 Surrogate: Toluene-d8

Source: E209150-01

95.3

96.6

95.2

90.7

90.0

90.2

98.9

96.7

105

48-131

45-135

48-130

43-135

43-135

43-135

70-130

70-130

70-130

3.09

3.67

3.12

4.35

3.54

3.81

ND

ND

ND

ND

ND

ND



Prepared: 09/27/22 Analyzed: 09/28/22

23

27

24

27

27

27

Matrix Spike Dup (2240033-MSD1)

Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: Toluene-d8

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

2.38

2.38

2.27

4.50

6.77

0.495

0.484

0.525

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

2.50

2.50

2.50

2.50

5.00

7.50

0.500

0.500

0.500

Tomb Raider 1-12-62H Souder Miller Associates - Carlsbad Project Name: Reported: 201 S Halagueno St. Project Number: 01058-0007 Carlsbad NM, 88220 Project Manager: Heather Woods 9/28/2022 4:27:39PM

	Non		Analyst: IY						
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2240033-BLK1)							Prepared: 0	9/27/22 Analy	zed: 09/28/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.482		0.500		96.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.2	70-130			
Surrogate: Toluene-d8	0.527		0.500		105	70-130			
LCS (2240033-BS2)							Prepared: 0	9/27/22 Analy	zed: 09/28/22
Gasoline Range Organics (C6-C10)	53.2	20.0	50.0		106	70-130			
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.1	70-130			
Surrogate: Toluene-d8	0.537		0.500		107	70-130			
Matrix Spike (2240033-MS2)				Source:	E209150-	01	Prepared: 0	9/27/22 Analy	zed: 09/28/22

Gasoline Range Organics (C6-C10)	55.2	20.0	50.0	ND	110	70-130				
Surrogate: Bromofluorobenzene	0.489		0.500		97.8	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.6	70-130				
Surrogate: Toluene-d8	0.539		0.500		108	70-130				
Matrix Spike Dup (2240033-MSD2)				Source:	E209150-0)1	Prepared: 09	9/27/22	Analyzed: 09/28/22	
1 1				Source	L207150 C	, .	rieparea. o.	,, _ ,,	1 mary 200: 05/20/22	•
Gasoline Range Organics (C6-C10)	55.3	20.0	50.0	ND	111	70-130	0.177	20	Timary Ecc. 07/20/22	•
	55.3 0.487	20.0	50.0 0.500						7 mary 2001 0 97 207 22	•
Gasoline Range Organics (C6-C10)		20.0			111	70-130			Timiny 200. 07/20/22	•

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	Reported:
201 S Halagueno St.	Project Number:	01058-0007	•
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:27:39PM

Carlsbad NM, 88220		Project Manage	r: He	eather Woods					9/28/2022 4:27:39PM
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2240024-BLK1)							Prepared: 0	9/27/22 A i	nalyzed: 09/27/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	39.8		50.0		79.5	50-200			
LCS (2240024-BS1)							Prepared: 0	9/27/22 A	nalyzed: 09/27/22
Diesel Range Organics (C10-C28)	246	25.0	250		98.3	38-132			
Surrogate: n-Nonane	39.4		50.0		78.8	50-200			
Matrix Spike (2240024-MS1)				Source:	E209150-	16	Prepared: 0	9/27/22 A	nalyzed: 09/27/22
Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.8	38-132			
Surrogate: n-Nonane	41.2		50.0		82.3	50-200			
Matrix Spike Dup (2240024-MSD1)				Source:	E209150-	16	Prepared: 0	9/27/22 A	nalyzed: 09/27/22
Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.6	38-132	0.227	20	
Surrogate: n-Nonane	39.1		50.0		78.2	50-200			



Souder Miller Associates - Carlsbad 201 S Halagueno St.		Project Name: Project Number:		Comb Raider 1- 1058-0007	12-62H				Reported:
Carlsbad NM, 88220		Project Manager	:: I	Heather Woods					9/28/2022 4:27:39PM
		Anions	by EPA	300.0/9056 <i>E</i>	A				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits		RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2240026-BLK1)							Prepared: 09	9/27/22 Aı	nalyzed: 09/27/22
Chloride	ND	20.0							
LCS (2240026-BS1)							Prepared: 09	9/27/22 Aı	nalyzed: 09/27/22
Chloride	259	20.0	250		104	90-110			
LCS Dup (2240026-BSD1)							Prepared: 09	9/27/22 Aı	nalyzed: 09/27/22
Chloride	256	20.0	250		103	90-110	0.934	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	09/28/22 16:27

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



ject Infor	mation														1C		E	A Prog	ram
ent: 50	uder 1	Ville ver	1+AS	sociates	Atten	tion: Devon	ІТо і		PE.	#0V P05	Lab 15	Use O	Nun	ber -0007	10 2 X		RCRA	CWA	State
nail:		eath talao risio	ad N	2H bods M 88330	City, S Phone Email	State, Zip e:	987302		DRO/ORO by 8015	5108		An	Metals 0010	I I	BGDOC - NM	xL-DOG98		X TX C	O UT AZ
Time	Date Sampled	Matrix	Ne Containers	Sample ID				Lab Number	DRO/	GRO/	BTEX	VOC.	Met.		X	158	+		
Jampies	9/23/22	lice	1	SC-81				1					+	++	X		H	1	i,
	9/23/22			SC-82			-	2	-				+	+	X				
	9/23/22		1	SC-83	/-			4	H						X				
0953	9/23/22	SOIL	1	SC-8L				5							X				-
	9/23/22		1	SC-85				6							Х	3			
	9 23/20		+	SC-8				7	+	-	-	-					+	+	
0456	1933	Sal	1	SC-8	8			8	+	+	+	+			1	X			
	93/2		1	SC-8				9	H		+	+				X			
1013 Addition	onal Instr	uctions:	to He	n of the samela. I am	Wood	S , Source pering with or intentional	nmay style mole	Schle	Pa +	Ge	OY	age	Sample	Go es requiring ther ed packed in Ke	atan avg ten	של אפטי	67 001 .622 14		they are sampled sequent days
Relinqu	pished by: (S	ignature)	atu may se g		Sampled by: Time 5'-00	Received by 6	gnatural	Date	W.	3	1	13	Re	ceived or	ice:		b Use O		3
Painn	uished by: (/// (Signature)		Date Date	4:/5 Time	Received by: (5	igrature)	Date	,,,,		Time		A	/G Temp		1		Δ	
1				A - Aqueous, O - C		rangements are made of the laboratory is limit		Cont	ainer	Type:	g-g	lass, p	- poly	/plastic, a	g - ambe	el Ric	he analysis	if the abov	e samples is a

envirotech

Received by OCD: 4/25/2023 12:52:09 PM

oject Information	Chain of Cu								20		50	A Program
and a second text	Bill To				Lab	Use	only , b Nur	nber	TAT		RCRA	CWA SDWA
ent: Souch Miller + Asalas &	Attention: Devices:		DE Lab	209	150	1	1059	5-000/	1	2	-	State
oject Manager: Heather Woods	City, State, Zip		-		-	Ar	alysis	and Metho	T	T		NM CO UT AZ
ent: Soudel Miller + Asalice of oject: Tomb Rouder 1-12-42+ oject Manager: Heather Woods oderss: 2015 Haladuno otv, State, Zip Carlsmal, NIM 88220	Phone: Email:		315	510								TX OK
none:	W0#20987302) by 8(O by B	8021	8260	2010		NN.	×L.		
mail: eport due by:	WO-44 & 0.10 1.200	Lab	DRO/ORO by 80 t5	GRO/DRO by 8015	BTEX by 8021	VOC. by 8260	Metals 6010		BGDOC - NM	BGDOC - 1X		Remarks
Time Date Matrix Sample ID Sampled Sampled		Number	Ē	35	B.	>	2 0	1	X			
51 501 51-91		11	-	-			+	++	X			
		12	+	-		5	+	++	+		++	
1012 192220011		13		-		-	1	++	X	-		
1016 1/3/2010		14						1	X	-		
1017 9/23/22 SOIL 1 SC-94		15							X		11	-
1018 9/23/22/8011 1 56-95		14							X		\perp	
1019 9/23/22 SOIL 1 SC-96		17			1)	1		
1020 9 28 22 5011 1 56-97		18	+		+	F)	(
1021 9/23/22 SOIL 1 SC-98		-	+	+	+	+)	1		
1 1 - 00		19	-	-	+	+	+		1	X	11	
1020 4/03/02/0011		20					1		1-1/		1 1	
	Sarahmay Sch	lea.	G	eor	-ae	an		rbook	1		t he received o	nice the day they are sampled
Pense Send to Heathon Wall (field sample), stress to the validity and authenticity of this sample. Tamasses	re that tampering with or intentionally mislabelling the sample	beation, date	e or		J		Samp	ed packed in ice a	tan avg ten	t spone	J BC: -622 1-6	
time of collection is considered fraud and may be grounds for lego. Strong	la deille de l'Eignative	Date	Va	-7	fime	11'	3/	ceived on	ira:	La	b Use Or / N	a ly
Reliaquished by: (Signature)	5:00	Date	JYP /	0	Time	:45		ceived on	ice.	-		T3
Reinquished by Changture	115 Buth Che	91 Date	27/2		Time	,45			_	12		
Reinquished by: (Signature) Date Tim								VG Temp			s. v - VO.	A
Sample Matrix: 5 - Soi, Sd - Solid, Sg - Sludge, A - Aqueous, D - Othe Note: Samples are distarded 30 dars after results are reported unle		Con	tainer	Туре	: g - 6	glass, p	- poly	/plastic, ag	he epor	for th	e analysis o	i the above samples is a

Received by OCD: 4/25/2023 12:52:09 PM

envirotech Inc.

Printed: 9/27/2022 1:54:05PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Souder Miller Associates - Carlsbad	Date Received:	09/27/22 10:4	1 5	Work Orde	r ID:	E209150
Phone:	(575) 200-5443	Date Logged In:	09/27/22 08:3	5	Logged In	Ву:	Caitlin Christian
Email:		Due Date:	09/28/22 17:0	00 (1 day TAT)			
Chain of	Custody (COC)						
			Yes				
	ne sample ID match the COC? The number of samples per sampling site location man	tch the COC					
	amples dropped off by client or carrier?	ion the coc	Yes Yes	Ci I	IDC		
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes	Carrier: <u>U</u>	<u>)178</u>		
	Il samples received within holding time?	sted analyses:	Yes				
s. Word a	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.		103		<u>Con</u>	ımen	its/Resolution
Sample T	Turn Around Time (TAT)				D 1 (1 1		
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes		Project has been se	_	-
Sample C	<u>Cooler</u>				due to amount of sa	amp	les. Workorders are
7. Was a s	sample cooler received?		Yes		as follows:		
8. If yes,	was cooler received in good condition?		Yes		E209148 COC pg 1	& 2	of 8, E209149
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		COC pg 3&4 of 8,		
10. Were	custody/security seals present?		No				
11. If yes	, were custody/security seals intact?		NA		of 8, E209151 COC) pg	7&8 of 8.
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
		temperature. 1	<u>~</u>				
	<u>Container</u> queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers'	9	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lat	* * * * * * * * * * * * * * * * * * * *	iers conected:	165				
	field sample labels filled out with the minimum info	rmation:					
	ample ID?	mation.	Yes				
	pate/Time Collected?		Yes				
C	ollectors name?		No				
Sample P	<u>Preservation</u>						
21. Does	the COC or field labels indicate the samples were pr	reserved?	No				
22. Are sa	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved n	netals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	se?	No				
27. If yes	, does the COC specify which phase(s) is to be analy	zed?	NA				
Subcontr	ract Laboratory						
	amples required to get sent to a subcontract laborato	mv?	No				
	subcontract laboratory specified by the client and it	•		bcontract Lab	no		
	• • •	1 30 WIIO:	TVA SU	iocontract Lau). IIa		
Client Ir	<u>istruction</u>						

Date

Signature of client authorizing changes to the COC or sample disposition.

Report to:
Heather Woods





5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





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Practical Solutions for a Better Tomorrow

Analytical Report

Souder Miller Associates - Carlsbad

Project Name: Tomb Raider 1-12-62H

Work Order: E209151

Job Number: 01058-0007

Received: 9/27/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/28/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 9/28/22

Heather Woods 201 S Halagueno St. Carlsbad, NM 88220

Project Name: Tomb Raider 1-12-62H

Workorder: E209151

Date Received: 9/27/2022 10:45:00AM

Heather Woods,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/27/2022 10:45:00AM, under the Project Name: Tomb Raider 1-12-62H.

The analytical test results summarized in this report with the Project Name: Tomb Raider 1-12-62H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

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Cell: 775-287-1762

whinchman@envirotech-inc.com

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Rayny Hagan

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Envirotech Web Address: www.envirotech-inc.com



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Sample Summary

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	Reported:
201 S Halagueno St.	Project Number:	01058-0007	Keporteu:
Carlsbad NM, 88220	Project Manager:	Heather Woods	09/28/22 16:31

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SC-101	E209151-01A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-102	E209151-02A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-103	E209151-03A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-104	E209151-04A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-105	E209151-05A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-106	E209151-06A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-107	E209151-07A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-108	E209151-08A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-109	E209151-09A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-110	E209151-10A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-111	E209151-11A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-112	E209151-12A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-113	E209151-13A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-114	E209151-14A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-115	E209151-15A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-116	E209151-16A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.
SC-117	E209151-17A	Soil	09/23/22	09/27/22	Glass Jar, 2 oz.



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:31:10PM

SC-101 E209151-01

		120/101 01					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
,					•	7 mary zea	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			Batch: 2240034
Benzene	ND	0.0250		1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250		1	09/27/22	09/27/22	
Toluene	ND	0.0250		1	09/27/22	09/27/22	
o-Xylene	ND	0.0250		1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500		1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250		1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		97.7 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		88.7 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		96.5 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2240034
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		97.7 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		88.7 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		96.5 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2240025
Diesel Range Organics (C10-C28)	ND	25.0		1	09/27/22	09/27/22	
Oil Range Organics (C28-C36)	ND	50.0		1	09/27/22	09/27/22	
Surrogate: n-Nonane		67.3 %	50-200		09/27/22	09/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	KL		Batch: 2240022
Chloride	ND	20.0	·	1	09/27/22	09/27/22	



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/2022 4:31:10PM

SC-102 E209151-02

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Y		Batch: 2240034
Benzene	ND	0.0250	1		09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1		09/27/22	09/27/22	
Toluene	ND	0.0250	1		09/27/22	09/27/22	
o-Xylene	ND	0.0250	1		09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1		09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1		09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		97.7 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		90.8 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		97.9 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: I	Y		Batch: 2240034
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		97.7 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		90.8 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		97.9 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: J	L		Batch: 2240025
Diesel Range Organics (C10-C28)	ND	25.0	1		09/27/22	09/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1		09/27/22	09/27/22	
Surrogate: n-Nonane		69.3 %	50-200		09/27/22	09/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: I	KL		Batch: 2240022
· · · · · · · · · · · · · · · · · · ·	ND	20.0	1	,	09/27/22	09/27/22	

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/2022 4:31:10PM

SC-103 E209151-03

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: l	Y		Batch: 2240034
Benzene	ND	0.0250	1		09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1		09/27/22	09/27/22	
Toluene	ND	0.0250	1		09/27/22	09/27/22	
o-Xylene	ND	0.0250	1		09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1		09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1		09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		102 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		89.6 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		97.0 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: l	Y		Batch: 2240034
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		102 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		89.6 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		97.0 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: J	īL		Batch: 2240025
Diesel Range Organics (C10-C28)	ND	25.0	1		09/27/22	09/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1		09/27/22	09/27/22	
Surrogate: n-Nonane		69.5 %	50-200		09/27/22	09/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: l	KL		Batch: 2240022
	23.3	20.0	1		09/27/22	09/27/22	•

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/2022 4:31:10PM

SC-104 E209151-04

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2240034
Benzene	ND	0.0250	1	1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1	1	09/27/22	09/27/22	
Toluene	ND	0.0250	1	1	09/27/22	09/27/22	
o-Xylene	ND	0.0250	1	1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1	1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1	1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		100 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		84.5 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		97.0 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2240034
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		100 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		84.5 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		97.0 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2240025
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/27/22	09/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/27/22	09/27/22	
Surrogate: n-Nonane		71.7 %	50-200		09/27/22	09/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2240022
Chloride	33.2	20.0	1	1	09/27/22	09/27/22	

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/2022 4:31:10PM

SC-105 E209151-05

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2240034
Benzene	ND	0.0250		1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250		1	09/27/22	09/27/22	
Toluene	ND	0.0250		1	09/27/22	09/27/22	
o-Xylene	ND	0.0250		1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500		1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250		1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		100 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		92.5 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		98.8 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2240034
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		100 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		92.5 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		98.8 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	Л		Batch: 2240025
Diesel Range Organics (C10-C28)	ND	25.0		1	09/27/22	09/27/22	
Oil Range Organics (C28-C36)	ND	50.0		1	09/27/22	09/27/22	
Surrogate: n-Nonane		71.1 %	50-200		09/27/22	09/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2240022
Chloride	29.0	20.0		1	09/27/22	09/27/22	

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/2022 4:31:10PM

SC-106 E209151-06

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: I\	?		Batch: 2240034
Benzene	ND	0.0250	1		09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1		09/27/22	09/27/22	
Toluene	ND	0.0250	1		09/27/22	09/27/22	
o-Xylene	ND	0.0250	1		09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1		09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1		09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		98.7 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		91.3 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		96.7 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IX	?		Batch: 2240034
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		98.7 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		91.3 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		96.7 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: Л	_		Batch: 2240025
Diesel Range Organics (C10-C28)	ND	25.0	1		09/27/22	09/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1		09/27/22	09/27/22	
Surrogate: n-Nonane		71.4 %	50-200		09/27/22	09/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: K	L		Batch: 2240022
	ND	20.0	1		09/27/22	09/27/22	

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/2022 4:31:10PM

SC-107 E209151-07

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2240034
Benzene	ND	0.0250	1	1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1	1	09/27/22	09/27/22	
Toluene	ND	0.0250	1	1	09/27/22	09/27/22	
o-Xylene	ND	0.0250	1	1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1	1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1	1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		97.9 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		90.5 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		97.1 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2240034
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		97.9 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		90.5 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		97.1 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2240025
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/27/22	09/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/27/22	09/27/22	
Surrogate: n-Nonane		71.7 %	50-200		09/27/22	09/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2240022
	ND	20.0	1		09/27/22	09/27/22	

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/2022 4:31:10PM

SC-108 E209151-08

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2240034
Benzene	ND	0.0250	1	1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1	1	09/27/22	09/27/22	
Toluene	ND	0.0250	1	1	09/27/22	09/27/22	
o-Xylene	ND	0.0250	1	1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1	1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1	1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		101 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		97.5 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2240034
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		101 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		97.5 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2240025
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/27/22	09/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/27/22	09/27/22	
Surrogate: n-Nonane		69.9 %	50-200		09/27/22	09/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2240022
Chloride	30.6	20.0	1	1	09/27/22	09/27/22	

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/2022 4:31:10PM

SC-109 E209151-09

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2240034
Benzene	ND	0.0250		1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250		1	09/27/22	09/27/22	
Toluene	ND	0.0250		1	09/27/22	09/27/22	
o-Xylene	ND	0.0250		1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500		1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	į	1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		98.0 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		90.8 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		96.4 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2240034
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		98.0 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		90.8 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		96.4 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2240025
Diesel Range Organics (C10-C28)	ND	25.0		1	09/27/22	09/27/22	
Oil Range Organics (C28-C36)	ND	50.0		1	09/27/22	09/27/22	
Surrogate: n-Nonane		72.0 %	50-200		09/27/22	09/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2240022
Chloride	23.5	20.0	-	1	09/27/22	09/27/22	

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/2022 4:31:10PM

SC-110 E209151-10

		120/101 10				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2240034
Benzene	ND	0.0250	1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/27/22	09/27/22	
Toluene	ND	0.0250	1	09/27/22	09/27/22	
o-Xylene	ND	0.0250	1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		96.2 %	70-130	09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		87.9 %	70-130	09/27/22	09/27/22	
Surrogate: Toluene-d8		98.0 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2240034
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		96.2 %	70-130	09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		87.9 %	70-130	09/27/22	09/27/22	
Surrogate: Toluene-d8		98.0 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: JL		Batch: 2240025
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/22	09/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/22	09/27/22	
Surrogate: n-Nonane		73.2 %	50-200	09/27/22	09/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL		Batch: 2240022
Chloride	ND	20.0	1	09/27/22	09/27/22	

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/2022 4:31:10PM

SC-111 E209151-11

		Reporting				
Analyte	Result	Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2240034
Benzene	ND	0.0250	1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/27/22	09/27/22	
Toluene	ND	0.0250	1	09/27/22	09/27/22	
o-Xylene	ND	0.0250	1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		101 %	70-130	09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		88.1 %	70-130	09/27/22	09/27/22	
Surrogate: Toluene-d8		98.7 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2240034
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		101 %	70-130	09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		88.1 %	70-130	09/27/22	09/27/22	
Surrogate: Toluene-d8		98.7 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2240025
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/22	09/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/22	09/27/22	
Surrogate: n-Nonane		74.6 %	50-200	09/27/22	09/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL		Batch: 2240022
Chloride	21.1	20.0	1	09/27/22	09/27/22	

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/2022 4:31:10PM

SC-112 E209151-12

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: I	Y		Batch: 2240034
Benzene	ND	0.0250	1		09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1		09/27/22	09/27/22	
Toluene	ND	0.0250	1		09/27/22	09/27/22	
o-Xylene	ND	0.0250	1		09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1		09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1		09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		99.5 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		90.1 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		97.3 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: I	Y		Batch: 2240034
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		99.5 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		90.1 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		97.3 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	P	Analyst: J	L		Batch: 2240025
Diesel Range Organics (C10-C28)	ND	25.0	1		09/27/22	09/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1		09/27/22	09/27/22	
Surrogate: n-Nonane		75.3 %	50-200		09/27/22	09/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: I	KL		Batch: 2240022
Chloride	67.8	20.0	1		09/27/22	09/27/22	

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/2022 4:31:10PM

SC-113 E209151-13

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: IY			Batch: 2240034
Benzene	ND	0.0250	1		09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1		09/27/22	09/27/22	
Toluene	ND	0.0250	1		09/27/22	09/27/22	
o-Xylene	ND	0.0250	1		09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1		09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1		09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		99.2 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		92.6 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		97.3 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY	-		Batch: 2240034
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		99.2 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		92.6 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		97.3 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: JL			Batch: 2240025
Diesel Range Organics (C10-C28)	ND	25.0	1		09/27/22	09/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1		09/27/22	09/28/22	
Surrogate: n-Nonane		71.2 %	50-200		09/27/22	09/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: KI			Batch: 2240022
Chloride	27.1	20.0	1		09/27/22	09/27/22	

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/2022 4:31:10PM

SC-114 E209151-14

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst:	IY		Batch: 2240034
Benzene	ND	0.0250	1		09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1		09/27/22	09/27/22	
Toluene	ND	0.0250	1		09/27/22	09/27/22	
o-Xylene	ND	0.0250	1		09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1		09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1		09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		101 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		92.5 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		97.9 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst:	IY		Batch: 2240034
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		101 %	70-130		09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		92.5 %	70-130		09/27/22	09/27/22	
Surrogate: Toluene-d8		97.9 %	70-130		09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: .	JL		Batch: 2240025
Diesel Range Organics (C10-C28)	ND	25.0	1		09/27/22	09/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1		09/27/22	09/28/22	
Surrogate: n-Nonane		72.3 %	50-200		09/27/22	09/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst:	KL		Batch: 2240022
	ND	20.0	1		09/27/22	09/27/22	

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/2022 4:31:10PM

SC-115 E209151-15

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2240034
Benzene	ND	0.0250	1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/27/22	09/27/22	
Toluene	ND	0.0250	1	09/27/22	09/27/22	
o-Xylene	ND	0.0250	1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130	09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		92.6 %	70-130	09/27/22	09/27/22	
Surrogate: Toluene-d8		97.5 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2240034
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130	09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		92.6 %	70-130	09/27/22	09/27/22	
Surrogate: Toluene-d8		97.5 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2240025
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/22	09/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/22	09/28/22	
Surrogate: n-Nonane		72.4 %	50-200	09/27/22	09/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL		Batch: 2240022
Chloride	20.1	20.0	1	09/27/22	09/27/22	

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/2022 4:31:10PM

SC-116 E209151-16

		Reporting				
Analyte	Result	Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2240034
Benzene	ND	0.0250	1	09/27/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/27/22	09/27/22	
Toluene	ND	0.0250	1	09/27/22	09/27/22	
o-Xylene	ND	0.0250	1	09/27/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/27/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		99.5 %	70-130	09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		90.5 %	70-130	09/27/22	09/27/22	
Surrogate: Toluene-d8		97.6 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY		Batch: 2240034
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/22	09/27/22	
Surrogate: Bromofluorobenzene		99.5 %	70-130	09/27/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4		90.5 %	70-130	09/27/22	09/27/22	
Surrogate: Toluene-d8		97.6 %	70-130	09/27/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2240025
Diesel Range Organics (C10-C28)	25.0	25.0	1	09/27/22	09/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/22	09/28/22	
Surrogate: n-Nonane		71.8 %	50-200	09/27/22	09/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL		Batch: 2240022
Chloride	143	20.0	1	09/27/22	09/27/22	

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/28/2022 4:31:10PM

SC-117 E209151-17

		2203101 17					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			Batch: 2240034
Benzene	ND	0.0250		1	09/27/22	09/28/22	Batem 22 1000 1
Ethylbenzene	ND	0.0250		1	09/27/22	09/28/22	
Toluene	ND	0.0250		1	09/27/22	09/28/22	
o-Xylene	ND	0.0250		1	09/27/22	09/28/22	
p,m-Xylene	ND	0.0500		1	09/27/22	09/28/22	
Total Xylenes	ND	0.0250		1	09/27/22	09/28/22	
Surrogate: Bromofluorobenzene		99.1 %	70-130		09/27/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		86.6 %	70-130		09/27/22	09/28/22	
Surrogate: Toluene-d8		96.3 %	70-130		09/27/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2240034
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/27/22	09/28/22	
Surrogate: Bromofluorobenzene		99.1 %	70-130		09/27/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		86.6 %	70-130		09/27/22	09/28/22	
Surrogate: Toluene-d8		96.3 %	70-130		09/27/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2240025
Diesel Range Organics (C10-C28)	ND	25.0		1	09/27/22	09/28/22	
Oil Range Organics (C28-C36)	ND	50.0		1	09/27/22	09/28/22	
Surrogate: n-Nonane		72.8 %	50-200		09/27/22	09/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2240022
Chloride	ND	20.0		1	09/27/22	09/27/22	

QC Summary Data

Souder Miller Associates - Carlsbad Project Name: Tomb Raider 1-12-62H Reported:

201 S Halagueno St. Project Number: 01058-0007

Carlsbad NM, 88220 Project Manager: Heather Woods 9/28/2022 4:31:10PM

Volatile Organic Compounds by EPA 8260B

Carlsbad NM, 88220		Project Manage	r: He	eather Woods				9/2	8/2022 4:31:10PN
	V	olatile Organ	ic Compo	unds by El	PA 82601	В			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2240034-BLK1)							Prepared: 0	9/27/22 Analy	yzed: 09/28/22
Benzene	ND	0.0250					-		<u> </u>
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.496		0.500		99.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.448		0.500		89.5	70-130			
Surrogate: Toluene-d8	0.478		0.500		95.6	70-130			
LCS (2240034-BS1)							Prepared: 0	9/27/22 Analy	yzed: 09/28/22
Benzene	2.31	0.0250	2.50		92.6	70-130			
Ethylbenzene	2.44	0.0250	2.50		97.6	70-130			
Toluene	2.30	0.0250	2.50		92.0	70-130			
o-Xylene	2.48	0.0250	2.50		99.2	70-130			
o,m-Xylene	4.82	0.0500	5.00		96.4	70-130			
Total Xylenes	7.30	0.0250	7.50		97.4	70-130			
Surrogate: Bromofluorobenzene	0.538		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.451		0.500		90.1	70-130			
Surrogate: Toluene-d8	0.496		0.500		99.2	70-130			
Matrix Spike (2240034-MS1)				Source:	E209151-	02	Prepared: 0	9/27/22 Analy	yzed: 09/28/22
Benzene	2.24	0.0250	2.50	ND	89.5	48-131			
Ethylbenzene	2.39	0.0250	2.50	ND	95.7	45-135			
Toluene	2.24	0.0250	2.50	ND	89.7	48-130			
o-Xylene	2.43	0.0250	2.50	ND	97.0	43-135			
p,m-Xylene	4.70	0.0500	5.00	ND	93.9	43-135			
Total Xylenes	7.12	0.0250	7.50	ND	95.0	43-135			
Surrogate: Bromofluorobenzene	0.514		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.434		0.500		86.7	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.5	70-130			
Matrix Spike Dup (2240034-MSD1)				Source:	E209151-	02	Prepared: 0	9/27/22 Analy	yzed: 09/28/22
Benzene	2.28	0.0250	2.50	ND	91.2	48-131	1.88	23	
Ethylbenzene	2.44	0.0250	2.50	ND	97.7	45-135	2.07	27	
Toluene	2.28	0.0250	2.50	ND	91.1	48-130	1.53	24	
o-Xylene	2.47	0.0250	2.50	ND	98.7	43-135	1.74	27	
p,m-Xylene	4.81	0.0500	5.00	ND	96.2	43-135	2.37	27	
Total Xylenes	7.28	0.0250	7.50	ND	97.0	43-135	2.15	27	
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.445		0.500		89.0	70-130			

0.500

99.7

70-130

0.499

Surrogate: Toluene-d8

Surrogate: Toluene-d8

QC Summary Data

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62HReported:201 S Halagueno St.Project Number:01058-0007Carlsbad NM, 88220Project Manager:Heather Woods9/28/2022 4:31:10PM

Nonhalos	genated Org	anics by F	PA 8015D	- GRO

Analyst: IY

Analyte F	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
ı	ng/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2240034-BLK1)							Prepared: 0	9/27/22	Analyzed: 09/28/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.496		0.500		99.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.448		0.500		89.5	70-130			
Surrogate: Toluene-d8	0.478		0.500		95.6	70-130			
LCS (2240034-BS2)							Prepared: 0	9/27/22	Analyzed: 09/28/22
Gasoline Range Organics (C6-C10)	43.4	20.0	50.0		86.8	70-130			
Surrogate: Bromofluorobenzene	0.516		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.457		0.500		91.4	70-130			
Surrogate: Toluene-d8	0.505		0.500		101	70-130			
Matrix Spike (2240034-MS2)				Source:	Source: E209151-02		Prepared: 09/27/22 Analyzed: 09/28/22		
Gasoline Range Organics (C6-C10)	44.6	20.0	50.0	ND	89.3	70-130			
Surrogate: Bromofluorobenzene	0.511		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.421		0.500		84.2	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.6	70-130			
Matrix Spike Dup (2240034-MSD2)				Source:	E209151-0	02	Prepared: 0	9/27/22	Analyzed: 09/28/22
Gasoline Range Organics (C6-C10)	43.3	20.0	50.0	ND	86.6	70-130	3.02	20	
Surrogate: Bromofluorobenzene	0.505		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.427		0.500		85.3	70-130			

0.500

0.501

100

70-130



QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	Reported:
201 S Halagueno St.	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/28/2022 4:31:10PM

Carlsbad NM, 88220		Project Manage	r: He	eather Woods					9/28/2022 4:31:10PN		
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: JL											
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2240025-BLK1)							Prepared: 0	9/27/22 Ar	nalyzed: 09/27/22		
tiesel Range Organics (C10-C28)	ND	25.0									
vil Range Organics (C28-C36)	ND	50.0									
urrogate: n-Nonane	33.1		50.0		66.1	50-200					
CS (2240025-BS1)							Prepared: 0	9/27/22 Ar	nalyzed: 09/27/22		
viesel Range Organics (C10-C28)	216	25.0	250		86.3	38-132					
urrogate: n-Nonane	33.4		50.0		66.8	50-200					
Aatrix Spike (2240025-MS1)				Source:	E209151-	14	Prepared: 0	9/27/22 Ar	nalyzed: 09/27/22		
viesel Range Organics (C10-C28)	217	25.0	250	ND	86.6	38-132					
urrogate: n-Nonane	34.1		50.0		68.1	50-200					
Matrix Spike Dup (2240025-MSD1)				Source:	E209151-	14	Prepared: 0	9/27/22 Ar	nalyzed: 09/27/22		
viesel Range Organics (C10-C28)	211	25.0	250	ND	84.5	38-132	2.53	20			
urrogate: n-Nonane	33.9		50.0		67.7	50-200					



Chloride

QC Summary Data

Souder Miller Associates - Carlsbad 201 S Halagueno St.		Project Name: Project Number:		Tomb Raider 1-12-62H 01058-0007					Reported:
Carlsbad NM, 88220		Project Manager:		Heather Woods					9/28/2022 4:31:10PM
		Anions	by EPA	300.0/9056	1				Analyst: KL
Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2240022-BLK1)							Prepared: 0		nalyzed: 09/27/22
Chloride	ND	20.0							· ·
LCS (2240022-BS1)							Prepared: 0	9/27/22 Aı	nalyzed: 09/27/22
Chloride	262	20.0	250		105	90-110			
LCS Dup (2240022-BSD1)							Prepared: 0	9/27/22 Aı	nalyzed: 09/27/22

250

20.0

104

90-110

0.263

20

261

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	09/28/22 16:31

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



033 9/23/22/5011 1 130 110	C	. Georgeann Good	man samel
ditional Instructions;		tsancies reducing the fire	erration must be received on see the day, they are sample ten; above 0 but less than \$10 or subsequent days
Please Send to Heather Wall amount and authenticity of this sample. I am aware that tampe field ampler), attest to the validity and authenticity of this sample. I am aware Sampled by:	aring with or intentionally mislabelling the sample location, Des	reserved packed in Relations	Lab Use Only
ne of colection is considered fraud and may be grounds for legal action. Sampled by:	Date Date	7/ 2 Time 11'2	Lab ose city

. (7.

field empler), attest to the validity and aut	henticity of this sample. I amagere that tam y be grounds for legal action. Sampled by:		pare Tim		Lab Use Only	
elinquished by: (Signature)	Date Time 5:00	1111111	Date Tim	Received on ice	e: (V)/ N	тз
(elmenished) (Slengtyre)	1-20 or Lil	actived by Signature!	9/27/2Z / Date			12
Relinquished by: (Signature)	Dat e Time	Received by: (Signature)		AVG Temp C_ g - glass, p - poly/plastic, ag - a		is a samples is applicat
Complete Matrix S - Soi, Sd - Solid, Sg -	Sludge, A - Aqueous, O - Other	Hatardous sample	Container Type: E s will be returned to client or dis	sposed of at the client expense. The	eport for the analysis of the	spove samples is applic

Note: Samples are distarded 30 days after results are reported unless other arrangements are made. Hatardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the showe samples is applicable. only to those samples received by the laboratory with this COC. The liability of the laborator, is limited to the amount paid for on the report

Received by OCD: 4/25/2023 12:52:09 PM

ct Information									20	1 5	PA Program
nt: Souder Miller + Associates ec: Tomb Raider 1-12-624	Attention: Devon Address:		Lab V	vo# 209		Job Job Ana	Number Number Number Nysis and	0007 Netho	NO S		CWA SDWA State NM CO UT A
, State, Zip Cor Soud, NM 88220	City, State, Zip Phone: Email: W0 # 20981309-	Lab	DRO/ORCI by 80.15	GRO/DRO by 8015	RTEX by 8021	VOC. by 8260	Chloride 300.0		BGDOC - NM	8GDUC - 1X	X OK Remarks
oort due by: Date Matrix Ne Container's Sample ID		Number	DRO	GRO	BTE	NOV S	3	+	V	88	
mpled Sampled Sc-111		11						+	1		
53 9/23/2011		12							X		
034 9/03/02 SOIL 1 SC-112		13							X		
035 9/33/22 SOIL 1 SC-113		14							X		
036 9/23/22 SOIL 1 SC-114		15							X		
045 Ab3 22 SOIL 1 SC-115		16							X		
053 9/23/23 SOIL 1 SC-116		17							X		
1054 9/23/22 SOIL 1 SC-117		18	-	2						1	
			+		+	-		-		+	
Line Marketions:	Woods, Sarahmay	Schl	ea	, G	lec	rae	anr	160	od	man	don se the day they are sample
- La colidity and suthenticity of this service		-			_		Samples re received pa	ourng therr		Jah IIse	
Relinquished by: (Signature)	me Received by: (signature)	Date	00	CH	11	13	Recei	ved on	ice:	Ø N	Т3
pelinguished by: (Signature)	ime Received by: (Signature)	Date		T	ime		AVG	Temp '			00
Sample Matrix: 5 - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, D - Oil Note: Samples are discarded 30 days after results are reported un		Cor	tainer	Type:	g-g	lass, p	poly/pla	astic, ag	- ambe	r glass, v - V for the analysi	OA showe samples is

envirotech

Received by OCD: 4/25/2023 12:52:09 PM

envirotech Inc.

Printed: 9/27/2022 1:54:36PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Souder Miller Associates - Carlsbad	Date Received:	09/27/22 10:	:45	Work Order ID:	E209151
Phone:	(575) 200-5443	Date Logged In:	09/27/22 08:	:38	Logged In By:	Caitlin Christian
Email:		Due Date:	09/28/22 17	:00 (1 day TAT)		
Chain of	Custody (COC)					
1. Does th	te sample ID match the COC?		Yes			
2. Does th	e number of samples per sampling site location mate	ch the COC	Yes			
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: <u>U</u>	<u>IPS</u>	
4. Was the	e COC complete, i.e., signatures, dates/times, request	ted analyses?	Yes			
5. Were al	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion	•	Yes		<u>Commen</u>	ts/Resolution
Sample T	urn Around Time (TAT)				D ' (1 1	. 1 4
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Project has been separa	-
Sample C					due to amount of sampl	es. Workorders are
	ample cooler received?		Yes		as follows:	
•	was cooler received in good condition?		Yes		E209148 COC pg 1&2	of 8, E209149
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		COC pg 3&4 of 8, E20	
10. Were	custody/security seals present?		No		of 8, E209151 COC pg	
11. If yes,	were custody/security seals intact?		NA		01 0, E209131 COC pg	/ 00 UI O.
	e sample received on ice? If yes, the recorded temp is 4°C, i Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	received w/i 15	Yes			
Sample C	Container	_				
	queous VOC samples present?		No			
15. Are V	OC samples collected in VOA Vials?		NA			
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a	trip blank (TB) included for VOC analyses?		NA			
18. Are no	on-VOC samples collected in the correct containers?		Yes			
19. Is the a	appropriate volume/weight or number of sample contained	ers collected?	Yes			
Field Lab	<u>el</u>					
	field sample labels filled out with the minimum infor	mation:				
	ample ID?		Yes	Į		
	ate/Time Collected? ollectors name?		Yes No			
	reservation		NO			
	the COC or field labels indicate the samples were pro	eserved?	No			
22. Are sa	imple(s) correctly preserved?		NA			
	filteration required and/or requested for dissolved ma	etals?	No			
Multipha	se Sample Matrix					
	the sample have more than one phase, i.e., multiphas	e?	No			
	does the COC specify which phase(s) is to be analyzed		NA			
Subcontr	act Laboratory					
-	imples required to get sent to a subcontract laborator	v?	No			
	subcontract laboratory specified by the client and if			ubcontract Lab	: na	
	struction					
Chent In	isti uction					

Date

Signature of client authorizing changes to the COC or sample disposition.

Report to:
Heather Woods



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





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Practical Solutions for a Better Tomorrow

Analytical Report

Souder Miller Associates - Carlsbad

Project Name: Tomb Raider 1-12-62H

Work Order: E209159

Job Number: 01058-0007

Received: 9/28/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/29/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 9/29/22

Heather Woods 201 S Halagueno St. Carlsbad, NM 88220

Project Name: Tomb Raider 1-12-62H

Workorder: E209159

Date Received: 9/28/2022 10:00:00AM

Heather Woods,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/28/2022 10:00:00AM, under the Project Name: Tomb Raider 1-12-62H.

The analytical test results summarized in this report with the Project Name: Tomb Raider 1-12-62H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

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Cell: 775-287-1762

whinchman@envirotech-inc.com

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rainaschwanz@envirotech-inc.com

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Cell: 505-320-4759

ljarboe@envirotech-inc.com

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Sample Summary

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62HReported:201 S Halagueno St.Project Number:01058-0007Carlsbad NM, 88220Project Manager:Heather Woods09/29/22 15:33

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SC-118	E209159-01A	Soil	09/26/22	09/28/22	Glass Jar, 4 oz.
SC-119	E209159-02A	Soil	09/26/22	09/28/22	Glass Jar, 4 oz.
SC-120	E209159-03A	Soil	09/26/22	09/28/22	Glass Jar, 4 oz.
SC-121	E209159-04A	Soil	09/26/22	09/28/22	Glass Jar, 4 oz.
SC-122	E209159-05A	Soil	09/26/22	09/28/22	Glass Jar, 4 oz.
SC-123	E209159-06A	Soil	09/26/22	09/28/22	Glass Jar, 4 oz.
SC-124	E209159-07A	Soil	09/26/22	09/28/22	Glass Jar, 4 oz.
SC-125	E209159-08A	Soil	09/26/22	09/28/22	Glass Jar, 4 oz.
SC-126	E209159-09A	Soil	09/26/22	09/28/22	Glass Jar, 4 oz.
SC-127	E209159-10A	Soil	09/26/22	09/28/22	Glass Jar, 4 oz.
SC-128	E209159-11A	Soil	09/26/22	09/28/22	Glass Jar, 4 oz.
SC-129	E209159-12A	Soil	09/26/22	09/28/22	Glass Jar, 4 oz.
SC-130	E209159-13A	Soil	09/26/22	09/28/22	Glass Jar, 4 oz.
SC-131	E209159-14A	Soil	09/26/22	09/28/22	Glass Jar, 4 oz.
SC-132	E209159-15A	Soil	09/26/22	09/28/22	Glass Jar, 4 oz.
SC-133	E209159-16A	Soil	09/26/22	09/28/22	Glass Jar, 4 oz.
SC-134	E209159-17A	Soil	09/26/22	09/28/22	Glass Jar, 4 oz.
SC-135	E209159-18A	Soil	09/26/22	09/28/22	Glass Jar, 4 oz.
SC-136	E209159-19A	Soil	09/26/22	09/28/22	Glass Jar, 4 oz.
SC-137	E209159-20A	Soil	09/26/22	09/28/22	Glass Jar, 4 oz.
SC-138	E209159-21A	Soil	09/26/22	09/28/22	Glass Jar, 4 oz.
SC-139	E209159-22A	Soil	09/26/22	09/28/22	Glass Jar, 4 oz.
SC-140	E209159-23A	Soil	09/26/22	09/28/22	Glass Jar, 4 oz.
SC-141	E209159-24A	Soil	09/26/22	09/28/22	Glass Jar, 4 oz.
SC-142	E209159-25A	Soil	09/26/22	09/28/22	Glass Jar, 4 oz.
SC-143	E209159-26A	Soil	09/26/22	09/28/22	Glass Jar, 4 oz.
SC-144	E209159-27A	Soil	09/26/22	09/28/22	Glass Jar, 4 oz.
SC-145	E209159-28A	Soil	09/26/22	09/28/22	Glass Jar, 4 oz.
SC-146	E209159-29A	Soil	09/26/22	09/28/22	Glass Jar, 4 oz.
SC-147	E209159-30A	Soil	09/26/22	09/28/22	Glass Jar, 4 oz.

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/29/2022 3:33:10PM

SC-118 E209159-01

		E207137-01					
Analyte	Result	Reporting Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	•		Batch: 2240063
Benzene	ND	0.0250	1		09/28/22	09/28/22	
Ethylbenzene	ND	0.0250	1		09/28/22	09/28/22	
Toluene	ND	0.0250	1		09/28/22	09/28/22	
o-Xylene	ND	0.0250	1		09/28/22	09/28/22	
p,m-Xylene	ND	0.0500	1		09/28/22	09/28/22	
Total Xylenes	ND	0.0250	1		09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		100 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		92.0 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		105 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: I	RKS	Batch: 2240063	
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		100 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		92.0 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		105 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: J	L_		Batch: 2240041
Diesel Range Organics (C10-C28)	61.6	25.0	1		09/28/22	09/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	Į.	09/28/22	09/28/22	
Surrogate: n-Nonane		86.3 %	50-200		09/28/22	09/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	RAS		Batch: 2240067



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/29/20223:33:10PM

SC-119 E209159-02

	_	Reporting	_				
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2240063	
Benzene	ND	0.0250	1	i	09/28/22	09/28/22	
Ethylbenzene	ND	0.0250	1	Į.	09/28/22	09/28/22	
Toluene	ND	0.0250	1	Į.	09/28/22	09/28/22	
o-Xylene	ND	0.0250	1	Į	09/28/22	09/28/22	
p,m-Xylene	ND	0.0500	1	Į	09/28/22	09/28/22	
Total Xylenes	ND	0.0250	1	Į	09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		96.2 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		92.2 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		105 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg Analyst: RKS		KS		Batch: 2240063	
Gasoline Range Organics (C6-C10)	ND	20.0	1	l .	09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		96.2 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		92.2 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		105 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL			Batch: 2240041
Diesel Range Organics (C10-C28)	75.7	25.0	1	i	09/28/22	09/28/22	
Oil Range Organics (C28-C36)	72.4	50.0	1		09/28/22	09/28/22	
Surrogate: n-Nonane		85.4 %	50-200		09/28/22	09/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: R	AS		Batch: 2240067
	198						



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/29/20223:33:10PM

SC-120 E209159-03

		220,10,00				
Austra	Result	Reporting Limit	Dilu	D	A I	Notes
Analyte	Kesuit	Limit	Dilui	tion Prepared	Analyzed	notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: RKS		Batch: 2240063
Benzene	ND	0.0250	1	09/28/22	09/29/22	
Ethylbenzene	ND	0.0250	1	09/28/22	09/29/22	
Toluene	ND	0.0250	1	09/28/22	09/29/22	
o-Xylene	ND	0.0250	1	09/28/22	09/29/22	
p,m-Xylene	ND	0.0500	1	09/28/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/28/22	09/29/22	
Surrogate: Bromofluorobenzene		97.0 %	70-130	09/28/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130	09/28/22	09/29/22	
Surrogate: Toluene-d8		104 %	70-130	09/28/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2240063
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/22	09/29/22	
Surrogate: Bromofluorobenzene		97.0 %	70-130	09/28/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130	09/28/22	09/29/22	
Surrogate: Toluene-d8		104 %	70-130	09/28/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL		Batch: 2240041
Diesel Range Organics (C10-C28)	134	25.0	1	09/28/22	09/28/22	
Oil Range Organics (C28-C36)	143	50.0	1	09/28/22	09/28/22	
Surrogate: n-Nonane		78.3 %	50-200	09/28/22	09/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: RAS		Batch: 2240067
Chloride	113	20.0	1	09/28/22	09/28/22	

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/29/20223:33:10PM

SC-121 E209159-04

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RI	KS		Batch: 2240063
Benzene	ND	0.0250	1	I	09/28/22	09/28/22	
Ethylbenzene	ND	0.0250	1	l	09/28/22	09/28/22	
Toluene	ND	0.0250	1	l	09/28/22	09/28/22	
o-Xylene	ND	0.0250	1	l	09/28/22	09/28/22	
p,m-Xylene	ND	0.0500	1	l	09/28/22	09/28/22	
Total Xylenes	ND	0.0250	1	[09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		87.1 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		105 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS				Batch: 2240063
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		87.1 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		105 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL	,		Batch: 2240041
Diesel Range Organics (C10-C28)	116	25.0	1	1	09/28/22	09/28/22	
Oil Range Organics (C28-C36)	104	50.0	1	1	09/28/22	09/28/22	
Surrogate: n-Nonane		86.4 %	50-200		09/28/22	09/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: R	AS		Batch: 2240067
Chloride	101	20.0	1	1	09/28/22	09/28/22	

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/29/20223:33:10PM

SC-122 E209159-05

	_	Reporting	_				
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2240063	
Benzene	ND	0.0250	1	l	09/28/22	09/28/22	
Ethylbenzene	ND	0.0250	1	l	09/28/22	09/28/22	
Toluene	ND	0.0250	1	l	09/28/22	09/28/22	
o-Xylene	ND	0.0250	1	l	09/28/22	09/28/22	
p,m-Xylene	ND	0.0500	1	l	09/28/22	09/28/22	
Total Xylenes	ND	0.0250	1	l	09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		95.7 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		105 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS				Batch: 2240063
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		95.7 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		105 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: J	L		Batch: 2240041
Diesel Range Organics (C10-C28)	67.5	25.0	1	1	09/28/22	09/28/22	
Oil Range Organics (C28-C36)	64.0	50.0	1	[09/28/22	09/28/22	
Surrogate: n-Nonane		84.6 %	50-200		09/28/22	09/28/22	
1 1 ED1 200 0/00#C1				Analyst: F	DAG		Batch: 2240067
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Anaryst: r	CAS		Batch: 2240007



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/29/2023:33:10PM

SC-123 E209159-06

	_	Reporting	_				
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2240063	
Benzene	ND	0.0250	1	l	09/28/22	09/28/22	
Ethylbenzene	ND	0.0250	1	1	09/28/22	09/28/22	
Toluene	ND	0.0250	1	1	09/28/22	09/28/22	
o-Xylene	ND	0.0250	1	1	09/28/22	09/28/22	
p,m-Xylene	ND	0.0500	1	1	09/28/22	09/28/22	
Total Xylenes	ND	0.0250	1	1	09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		95.4 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		105 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst:	Batch: 2240063		
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		95.4 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		105 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	Л		Batch: 2240041
Diesel Range Organics (C10-C28)	124	25.0	1	1	09/28/22	09/29/22	
Oil Range Organics (C28-C36)	325	50.0	1	1	09/28/22	09/29/22	
Surrogate: n-Nonane		85.6 %	50-200		09/28/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2240067
7 HIOHS DY E117 500:0/203011							



Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/29/2022 3:33:10PM

SC-124 E209159-07

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: RK	S		Batch: 2240063
Benzene	ND	0.0250	1		09/28/22	09/28/22	
Ethylbenzene	ND	0.0250	1		09/28/22	09/28/22	
Toluene	ND	0.0250	1		09/28/22	09/28/22	
o-Xylene	ND	0.0250	1		09/28/22	09/28/22	
p,m-Xylene	ND	0.0500	1		09/28/22	09/28/22	
Total Xylenes	ND	0.0250	1		09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		96.9 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		92.2 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		105 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg mg/kg Analyst: RKS				Batch: 2240063		
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		96.9 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		92.2 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		105 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL			Batch: 2240041
Diesel Range Organics (C10-C28)	35.2	25.0	1		09/28/22	09/29/22	
Oil Range Organics (C28-C36)	105	50.0	1		09/28/22	09/29/22	
Surrogate: n-Nonane		84.8 %	50-200		09/28/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: RA	S		Batch: 2240067
Chloride	82.5	20.0	1		09/28/22	09/28/22	



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/29/20223:33:10PM

SC-125 E209159-08

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2240063
Benzene	ND	0.0250		1	09/28/22	09/28/22	
Ethylbenzene	ND	0.0250		1	09/28/22	09/28/22	
Toluene	ND	0.0250		1	09/28/22	09/28/22	
o-Xylene	ND	0.0250		1	09/28/22	09/28/22	
p,m-Xylene	ND	0.0500		1	09/28/22	09/28/22	
Total Xylenes	ND	0.0250		1	09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		105 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg			Analyst:	RKS		Batch: 2240063
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		105 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2240041
Diesel Range Organics (C10-C28)	44.9	25.0		1	09/28/22	09/29/22	
Oil Range Organics (C28-C36)	81.1	50.0		1	09/28/22	09/29/22	
Surrogate: n-Nonane		87.0 %	50-200		09/28/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS			Batch: 2240067
	214	20.0		1	09/28/22	09/28/22	

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/29/20223:33:10PM

SC-126 E209159-09

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: R	KS		Batch: 2240063
Benzene	ND	0.0250	1		09/28/22	09/28/22	
Ethylbenzene	ND	0.0250	1	Į.	09/28/22	09/28/22	
Toluene	ND	0.0250	1	Į.	09/28/22	09/28/22	
o-Xylene	ND	0.0250	1	Į.	09/28/22	09/28/22	
p,m-Xylene	ND	0.0500	1	Į.	09/28/22	09/28/22	
Total Xylenes	ND	0.0250	1		09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		96.9 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		91.8 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		106 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: R	KS		Batch: 2240063
Gasoline Range Organics (C6-C10)	ND	20.0	1	ļ.	09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		96.9 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		91.8 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		106 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JI	L		Batch: 2240041
Diesel Range Organics (C10-C28)	28.8	25.0	1		09/28/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1		09/28/22	09/29/22	
Surrogate: n-Nonane		84.7 %	50-200		09/28/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: R	AS		Batch: 2240067
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Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/29/20223:33:10PM

SC-127 E209159-10

Analyte	Result	Reporting Limit	Dilut	ion Prepared	Analyzed	Notes
Allaryte	Result	Liiiit		1	Anaryzeu	rotes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2240063
Benzene	ND	0.0250	1	09/28/22	09/28/22	
Ethylbenzene	ND	0.0250	1	09/28/22	09/28/22	
Toluene	ND	0.0250	1	09/28/22	09/28/22	
o-Xylene	ND	0.0250	1	09/28/22	09/28/22	
p,m-Xylene	ND	0.0500	1	09/28/22	09/28/22	
Total Xylenes	ND	0.0250	1	09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		97.2 %	70-130	09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130	09/28/22	09/28/22	
Surrogate: Toluene-d8		107 %	70-130	09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: RKS		Batch: 2240063
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		97.2 %	70-130	09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130	09/28/22	09/28/22	
Surrogate: Toluene-d8		107 %	70-130	09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: JL		Batch: 2240041
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	09/29/22	
Surrogate: n-Nonane		85.8 %	50-200	09/28/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2240067
Chloride	23.4	20.0	1	09/28/22	09/29/22	

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/29/2023:33:10PM

SC-128 E209159-11

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2240063
Benzene	ND	0.0250		1	09/28/22	09/28/22	
Ethylbenzene	ND	0.0250		1	09/28/22	09/28/22	
Toluene	ND	0.0250		1	09/28/22	09/28/22	
o-Xylene	ND	0.0250		1	09/28/22	09/28/22	
p,m-Xylene	ND	0.0500		1	09/28/22	09/28/22	
Total Xylenes	ND	0.0250		1	09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		97.1 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		105 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2240063
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		97.1 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		105 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: JL		Batch: 2240041
Diesel Range Organics (C10-C28)	158	25.0		1	09/28/22	09/29/22	
Oil Range Organics (C28-C36)	547	50.0		1	09/28/22	09/29/22	
Surrogate: n-Nonane		84.0 %	50-200		09/28/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2240067
Chloride	262	20.0		1	09/28/22	09/29/22	

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/29/20223:33:10PM

SC-129 E209159-12

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2240063
Benzene	ND	0.0250	1	1	09/28/22	09/28/22	
Ethylbenzene	ND	0.0250	1	1	09/28/22	09/28/22	
Toluene	ND	0.0250	1	1	09/28/22	09/28/22	
o-Xylene	ND	0.0250	1	1	09/28/22	09/28/22	
p,m-Xylene	ND	0.0500	1	1	09/28/22	09/28/22	
Total Xylenes	ND	0.0250	1	1	09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		105 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst:	RKS		Batch: 2240063
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		105 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2240041
Diesel Range Organics (C10-C28)	36.8	25.0	1	1	09/28/22	09/29/22	
Oil Range Organics (C28-C36)	109	50.0	1	1	09/28/22	09/29/22	
Surrogate: n-Nonane		82.1 %	50-200		09/28/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2240067
	23.5	20.0	1		09/28/22	09/29/22	

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/29/20223:33:10PM

SC-130 E209159-13

		Reporting	;			
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2240063
Benzene	ND	0.0250	1	09/28/22	09/28/22	
Ethylbenzene	ND	0.0250	1	09/28/22	09/28/22	
Toluene	ND	0.0250	1	09/28/22	09/28/22	
o-Xylene	ND	0.0250	1	09/28/22	09/28/22	
p,m-Xylene	ND	0.0500	1	09/28/22	09/28/22	
Total Xylenes	ND	0.0250	1	09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		96.3 %	70-130	09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130	09/28/22	09/28/22	
Surrogate: Toluene-d8		106 %	70-130	09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: RKS		Batch: 2240063
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		96.3 %	70-130	09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130	09/28/22	09/28/22	
Surrogate: Toluene-d8		106 %	70-130	09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: JL		Batch: 2240041
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	09/29/22	
Surrogate: n-Nonane		79.0 %	50-200	09/28/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: RAS		Batch: 2240067
Chloride	375	20.0	1	09/28/22	09/29/22	

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/29/20223:33:10PM

SC-131 E209159-14

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2240063
Benzene	ND	0.0250	1	1	09/28/22	09/28/22	
Ethylbenzene	ND	0.0250	1	1	09/28/22	09/28/22	
Toluene	ND	0.0250	1	1	09/28/22	09/28/22	
o-Xylene	ND	0.0250	1	1	09/28/22	09/28/22	
p,m-Xylene	ND	0.0500	1	1	09/28/22	09/28/22	
Total Xylenes	ND	0.0250	1	1	09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		96.2 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		107 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg Analyst: RKS		Batch: 2240063			
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		96.2 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		107 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: .	JL		Batch: 2240041
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/28/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/28/22	09/29/22	
Surrogate: n-Nonane		84.5 %	50-200		09/28/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2240067
Chloride	355	20.0	1	1	09/28/22	09/29/22	

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/29/20223:33:10PM

SC-132 E209159-15

	_	Reporting	_		_		
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: RK	S		Batch: 2240063
Benzene	ND	0.0250	1	l	09/28/22	09/28/22	
Ethylbenzene	ND	0.0250	1	Į.	09/28/22	09/28/22	
Toluene	ND	0.0250	1	Į.	09/28/22	09/28/22	
o-Xylene	ND	0.0250	1	Į.	09/28/22	09/28/22	
p,m-Xylene	ND	0.0500	1	Į.	09/28/22	09/28/22	
Total Xylenes	ND	0.0250	1		09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		97.0 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		107 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RK	S		Batch: 2240063
Gasoline Range Organics (C6-C10)	ND	20.0	1	Į.	09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		97.0 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		107 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL			Batch: 2240041
Diesel Range Organics (C10-C28)	35.0	25.0	1		09/28/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1		09/28/22	09/29/22	
Surrogate: n-Nonane		83.2 %	50-200		09/28/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RA	.S		Batch: 2240067
							



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/29/20223:33:10PM

SC-133 E209159-16

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2240063
Benzene	ND	0.0250		1	09/28/22	09/28/22	
Ethylbenzene	ND	0.0250		1	09/28/22	09/28/22	
Toluene	ND	0.0250		1	09/28/22	09/28/22	
o-Xylene	ND	0.0250		1	09/28/22	09/28/22	
p,m-Xylene	ND	0.0500		1	09/28/22	09/28/22	
Total Xylenes	ND	0.0250		1	09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		97.0 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		105 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2240063
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		97.0 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		105 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2240041
Diesel Range Organics (C10-C28)	29.6	25.0		1	09/28/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0		1	09/28/22	09/29/22	
Surrogate: n-Nonane		85.2 %	50-200		09/28/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2240067
Chloride	352	20.0		1	09/28/22	09/29/22	



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/29/20223:33:10PM

SC-134 E209159-17

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2240063
Benzene	ND	0.0250	:	1	09/28/22	09/28/22	
Ethylbenzene	ND	0.0250		1	09/28/22	09/28/22	
Toluene	ND	0.0250		1	09/28/22	09/28/22	
o-Xylene	ND	0.0250		1	09/28/22	09/28/22	
p,m-Xylene	ND	0.0500		1	09/28/22	09/28/22	
Total Xylenes	ND	0.0250		1	09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		98.0 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		92.6 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		107 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	mg/kg Analyst: RKS		Batch: 2240063		
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		98.0 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		92.6 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		107 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2240041
Diesel Range Organics (C10-C28)	25.2	25.0		1	09/28/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0		1	09/28/22	09/29/22	
Surrogate: n-Nonane		82.8 %	50-200		09/28/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2240067
Chloride	284	20.0	-	1	09/28/22	09/29/22	•

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/29/20223:33:10PM

SC-135 E209159-18

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2240063
Benzene	ND	0.0250	1	09/28/22	09/28/22	
Ethylbenzene	ND	0.0250	1	09/28/22	09/28/22	
Toluene	ND	0.0250	1	09/28/22	09/28/22	
o-Xylene	ND	0.0250	1	09/28/22	09/28/22	
p,m-Xylene	ND	0.0500	1	09/28/22	09/28/22	
Total Xylenes	ND	0.0250	1	09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		96.8 %	70-130	09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130	09/28/22	09/28/22	
Surrogate: Toluene-d8		107 %	70-130	09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2240063
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		96.8 %	70-130	09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130	09/28/22	09/28/22	
Surrogate: Toluene-d8		107 %	70-130	09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2240041
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	09/29/22	
Surrogate: n-Nonane		83.7 %	50-200	09/28/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2240067
Chloride	228	20.0	1	09/28/22	09/29/22	

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/29/2022 3:33:10PM

SC-136 E209159-19

Result			on Prepared	Analyzed	Notes
			1	7 mary zea	Batch: 2240063
				00/20/22	Batch: 2240003
		1			
		I .			
		1			
ND	0.0250	1			
ND	0.0500	1	09/28/22	09/29/22	
ND	0.0250	1	09/28/22	09/29/22	
	97.0 %	70-130	09/28/22	09/29/22	
	92.3 %	70-130	09/28/22	09/29/22	
	106 %	70-130	09/28/22	09/29/22	
mg/kg	mg/kg	A	nalyst: RKS		Batch: 2240063
ND	20.0	1	09/28/22	09/29/22	
	97.0 %	70-130	09/28/22	09/29/22	
	92.3 %	70-130	09/28/22	09/29/22	
	106 %	70-130	09/28/22	09/29/22	
mg/kg	mg/kg	A	nalyst: JL		Batch: 2240041
27.6	25.0	1	09/28/22	09/29/22	
ND	50.0	1	09/28/22	09/29/22	
	85.3 %	50-200	09/28/22	09/29/22	
mg/kg	mg/kg	A	nalyst: RAS		Batch: 2240067
	mg/kg ND mg/kg 27.6	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 97.0 % 92.3 % 106 % 106 % mg/kg mg/kg ND 20.0 97.0 % 92.3 % 106 % 106 % mg/kg mg/kg 27.6 25.0 ND 50.0	mg/kg mg/kg A ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 97.0 % 70-130 70-130 92.3 % 70-130 70-130 mg/kg mg/kg A ND 20.0 1 97.0 % 70-130 70-130 92.3 % 70-130 106 % 70-130 70-130 70-130 mg/kg mg/kg A 27.6 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 09/28/22 ND 0.0250 1 09/28/22 ND 0.0250 1 09/28/22 ND 0.0500 1 09/28/22 ND 0.0250 1 09/28/22 ND 70-130 09/28/22 97.0 % 70-130 09/28/22 106 % 70-130 09/28/22 mg/kg mg/kg Analyst: RKS ND 20.0 1 09/28/22 97.0 % 70-130 09/28/22 92.3 % 70-130 09/28/22 106 % 70-130 09/28/22 106 % 70-130 09/28/22 mg/kg mg/kg Analyst: JL 27.6 25.0 1 09/28/22 ND 50.0 1 09/28/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 09/28/22 09/29/22 ND 0.0250 1 09/28/22 09/29/22 ND 0.0250 1 09/28/22 09/29/22 ND 0.0500 1 09/28/22 09/29/22 ND 0.0500 1 09/28/22 09/29/22 ND 0.0250 1 09/28/22 09/29/22 ND 0.0250 1 09/28/22 09/29/22 97.0 % 70-130 09/28/22 09/29/22 106 % 70-130 09/28/22 09/29/22 mg/kg mg/kg Analyst: RKS ND 20.0 1 09/28/22 09/29/22 97.0 % 70-130 09/28/22 09/29/22 92.3 % 70-130 09/28/22 09/29/22 106 % 70-130 09/28/22 09/29/22 mg/kg mg/



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/29/20223:33:10PM

SC-137 E209159-20

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	RKS		Batch: 2240063
Benzene	ND	0.0250	1	1	09/28/22	09/29/22	
Ethylbenzene	ND	0.0250	1	1	09/28/22	09/29/22	
Toluene	ND	0.0250	1	1	09/28/22	09/29/22	
o-Xylene	ND	0.0250	1	1	09/28/22	09/29/22	
p,m-Xylene	ND	0.0500	1	1	09/28/22	09/29/22	
Total Xylenes	ND	0.0250	1	1	09/28/22	09/29/22	
Surrogate: Bromofluorobenzene		96.7 %	70-130		09/28/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		91.0 %	70-130		09/28/22	09/29/22	
Surrogate: Toluene-d8		108 %	70-130		09/28/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	mg/kg Analyst: RKS		Batch: 2240063		
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/28/22	09/29/22	
Surrogate: Bromofluorobenzene		96.7 %	70-130		09/28/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		91.0 %	70-130		09/28/22	09/29/22	
Surrogate: Toluene-d8		108 %	70-130		09/28/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: J	L		Batch: 2240041
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/28/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/28/22	09/29/22	
Surrogate: n-Nonane		83.3 %	50-200		09/28/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	RAS		Batch: 2240067
Chloride	154	20.0	1	1	09/28/22	09/29/22	

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/29/20223:33:10PM

SC-138 E209159-21

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst:	RKS		Batch: 2240064
Benzene	ND	0.0250	1		09/28/22	09/28/22	
Ethylbenzene	ND	0.0250	1		09/28/22	09/28/22	
Toluene	ND	0.0250	1		09/28/22	09/28/22	
o-Xylene	ND	0.0250	1		09/28/22	09/28/22	
p,m-Xylene	ND	0.0500	1		09/28/22	09/28/22	
Total Xylenes	ND	0.0250	1		09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		98.9 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		99.7 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg Analyst: RKS			Batch: 2240064		
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		98.9 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		99.7 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst:	JL		Batch: 2240046
Diesel Range Organics (C10-C28)	72.2	25.0	1		09/28/22	09/29/22	
Oil Range Organics (C28-C36)	75.6	50.0	1		09/28/22	09/29/22	
Surrogate: n-Nonane		83.9 %	50-200		09/28/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst:	RAS		Batch: 2240066
Chloride	363	20.0	1		09/28/22	09/28/22	

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/29/20223:33:10PM

SC-139 E209159-22

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst:	RKS		Batch: 2240064
Benzene	ND	0.0250	1		09/28/22	09/28/22	
Ethylbenzene	ND	0.0250	1		09/28/22	09/28/22	
Toluene	ND	0.0250	1		09/28/22	09/28/22	
o-Xylene	ND	0.0250	1		09/28/22	09/28/22	
p,m-Xylene	ND	0.0500	1		09/28/22	09/28/22	
Total Xylenes	ND	0.0250	1		09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		98.2 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		99.1 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst:	RKS		Batch: 2240064
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		98.2 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		99.1 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: .	JL		Batch: 2240046
Diesel Range Organics (C10-C28)	ND	25.0	1		09/28/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1		09/28/22	09/29/22	
Surrogate: n-Nonane		77.8 %	50-200		09/28/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst:	RAS		Batch: 2240066
Chloride	380	20.0	1		09/28/22	09/28/22	

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/29/20223:33:10PM

SC-140 E209159-23

	D. I	Reporting		,· -			N. A
Analyte	Result	Limit	Dilut	tion I	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: RKS	S		Batch: 2240064
Benzene	ND	0.0250	1	. (09/28/22	09/28/22	
Ethylbenzene	ND	0.0250	1	. (09/28/22	09/28/22	
Toluene	ND	0.0250	1		09/28/22	09/28/22	
o-Xylene	ND	0.0250	1		09/28/22	09/28/22	
p,m-Xylene	ND	0.0500	1		09/28/22	09/28/22	
Total Xylenes	ND	0.0250	1	. (09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		96.0 %	70-130	- (09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		73.0 %	70-130	C	09/28/22	09/28/22	
Surrogate: Toluene-d8		102 %	70-130	C	09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RKS	S		Batch: 2240064
Gasoline Range Organics (C6-C10)	ND	20.0	1	. (09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		96.0 %	70-130	C	09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		73.0 %	70-130	d	09/28/22	09/28/22	
Surrogate: Toluene-d8		102 %	70-130	C	09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL			Batch: 2240046
Diesel Range Organics (C10-C28)	29.1	25.0	1	. (09/28/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1		09/28/22	09/29/22	
Surrogate: n-Nonane		85.8 %	50-200	C	09/28/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: RAS	5		Batch: 2240066
Chloride	811	20.0	1	. (09/28/22	09/28/22	



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/29/20223:33:10PM

SC-141 E209159-24

		Reporting				
Analyte	Result	Limit	Dilut	tion Prepare	ed Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: RKS		Batch: 2240064
Benzene	ND	0.0250	1	09/28/2	2 09/28/22	
Ethylbenzene	ND	0.0250	1	09/28/2	2 09/28/22	
Toluene	ND	0.0250	1	09/28/2	2 09/28/22	
o-Xylene	ND	0.0250	1	09/28/2	2 09/28/22	
p,m-Xylene	ND	0.0500	1	09/28/2	2 09/28/22	
Total Xylenes	ND	0.0250	1	09/28/2	2 09/28/22	
Surrogate: Bromofluorobenzene		96.4 %	70-130	09/28/2	22 09/28/22	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	09/28/2	22 09/28/22	
Surrogate: Toluene-d8		98.3 %	70-130	09/28/2	22 09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: RKS		Batch: 2240064
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/2	2 09/28/22	
Surrogate: Bromofluorobenzene		96.4 %	70-130	09/28/2	22 09/28/22	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	09/28/2	22 09/28/22	
Surrogate: Toluene-d8		98.3 %	70-130	09/28/2	22 09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2240046
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/2	22 09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/2	2 09/29/22	
Surrogate: n-Nonane		83.2 %	50-200	09/28/2	22 09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2240066
Chloride	73.7	20.0	1	09/28/2	22 09/28/22	

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/29/20223:33:10PM

SC-142 E209159-25

rting nit Dilut			
	ition Prepared	Analyzed	Notes
m Dilui	tion Prepared	Anaiyzed	Notes
/kg	Analyst: RKS		Batch: 2240064
250 1	09/28/22	09/28/22	
250 1	1 09/28/22	09/28/22	
250 1	1 09/28/22	09/28/22	
250 1	09/28/22	09/28/22	
500 1	1 09/28/22	09/28/22	
250 1	09/28/22	09/28/22	
70-130	09/28/22	09/28/22	
70-130	09/28/22	09/28/22	
70-130	09/28/22	09/28/22	
/kg /	Analyst: RKS		Batch: 2240064
.0 1	09/28/22	09/28/22	
70-130	09/28/22	09/28/22	
70-130	09/28/22	09/28/22	
70-130	09/28/22	09/28/22	
/kg /	Analyst: JL		Batch: 2240046
.0 1	1 09/28/22	09/29/22	
.0 1	09/28/22	09/29/22	
50-200	09/28/22	09/29/22	
/Ira	Analyst: RAS		Batch: 2240066
/kg A	Midiyst. 10/15		Butch: 22 10000
	250 1 250 1 260 1 270-130 1 270-1	250 1 09/28/22 250 1 09/28/22 250 1 09/28/22 250 1 09/28/22 250 1 09/28/22 250 1 09/28/22 250 1 09/28/22 70-130 09/28/22 50-200 09/28/22	250 1 09/28/22 09/28/22 09/28/22 250 1 09/28/22



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/29/20223:33:10PM

SC-143 E209159-26

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: R	KS		Batch: 2240064
Benzene	ND	0.0250	1		09/28/22	09/28/22	
Ethylbenzene	ND	0.0250	1		09/28/22	09/28/22	
Toluene	ND	0.0250	1		09/28/22	09/28/22	
o-Xylene	ND	0.0250	1		09/28/22	09/28/22	
p,m-Xylene	ND	0.0500	1		09/28/22	09/28/22	
Total Xylenes	ND	0.0250	1		09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		99.0 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		99.0 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: R	KS		Batch: 2240064
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		99.0 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		99.0 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: JI			Batch: 2240046
Diesel Range Organics (C10-C28)	ND	25.0	1		09/28/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1		09/28/22	09/29/22	
Surrogate: n-Nonane		85.7 %	50-200		09/28/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: R	AS		Batch: 2240066
	315	20.0	1		09/28/22	09/28/22	

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/29/20223:33:10PM

SC-144 E209159-27

		Reporting			_		
Analyte	Result	Limit	Dilu	tion Pre	pared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: RKS			Batch: 2240064
Benzene	ND	0.0250	1	09/2	28/22	09/28/22	
Ethylbenzene	ND	0.0250	1	09/	28/22	09/28/22	
Toluene	ND	0.0250	1	09/	28/22	09/28/22	
o-Xylene	ND	0.0250	1	09/	28/22	09/28/22	
p,m-Xylene	ND	0.0500	1	09/	28/22	09/28/22	
Total Xylenes	ND	0.0250	1	09/	28/22	09/28/22	
Surrogate: Bromofluorobenzene		95.9 %	70-130	09/.	28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	09/	28/22	09/28/22	
Surrogate: Toluene-d8		98.3 %	70-130	09/.	28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RKS			Batch: 2240064
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/	28/22	09/28/22	
Surrogate: Bromofluorobenzene		95.9 %	70-130	09/	28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	09/	28/22	09/28/22	
Surrogate: Toluene-d8		98.3 %	70-130	09/	28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL			Batch: 2240046
Diesel Range Organics (C10-C28)	ND	25.0	1	09/	28/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/	28/22	09/29/22	
Surrogate: n-Nonane		82.4 %	50-200	09/	28/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: RAS			Batch: 2240066
Chloride	629	20.0	1	09/	28/22	09/28/22	·



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/29/20223:33:10PM

SC-145 E209159-28

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst:	RKS		Batch: 2240064
Benzene	ND	0.0250	1		09/28/22	09/28/22	
Ethylbenzene	ND	0.0250	1		09/28/22	09/28/22	
Toluene	ND	0.0250	1		09/28/22	09/28/22	
o-Xylene	ND	0.0250	1		09/28/22	09/28/22	
p,m-Xylene	ND	0.0500	1		09/28/22	09/28/22	
Total Xylenes	ND	0.0250	1		09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		96.9 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		99.6 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst:	RKS		Batch: 2240064
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		96.9 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		99.6 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst:	JL		Batch: 2240046
Diesel Range Organics (C10-C28)	ND	25.0	1		09/28/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1		09/28/22	09/29/22	
Surrogate: n-Nonane		80.4 %	50-200		09/28/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst:	RAS		Batch: 2240066
Chloride	941	20.0	1	·	09/28/22	09/28/22	

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/29/20223:33:10PM

SC-146 E209159-29

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: R	KS		Batch: 2240064
Benzene	ND	0.0250	1	Į.	09/28/22	09/28/22	
Ethylbenzene	ND	0.0250	1	l	09/28/22	09/28/22	
Toluene	ND	0.0250	1	l	09/28/22	09/28/22	
o-Xylene	ND	0.0250	1	Į.	09/28/22	09/28/22	
p,m-Xylene	ND	0.0500	1	Į.	09/28/22	09/28/22	
Total Xylenes	ND	0.0250	1		09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		97.3 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		98.7 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst: R	KS		Batch: 2240064
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		97.3 %	70-130		09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130		09/28/22	09/28/22	
Surrogate: Toluene-d8		98.7 %	70-130		09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: Jl	L		Batch: 2240046
Diesel Range Organics (C10-C28)	ND	25.0	1		09/28/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	ļ	09/28/22	09/29/22	
Surrogate: n-Nonane	·	85.1 %	50-200		09/28/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: R	AS		Batch: 2240066
	476	20.0			09/28/22	09/28/22	



Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62H201 S Halagueno St.Project Number:01058-0007Reported:Carlsbad NM, 88220Project Manager:Heather Woods9/29/2023:33:10PM

SC-147 E209159-30

		E207107 C0				
Analyte	Result	Reporting Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2240064
Benzene	ND	0.0250	1	09/28/22	09/28/22	
Ethylbenzene	ND	0.0250	1	09/28/22	09/28/22	
Toluene	ND	0.0250	1	09/28/22	09/28/22	
o-Xylene	ND	0.0250	1	09/28/22	09/28/22	
p,m-Xylene	ND	0.0500	1	09/28/22	09/28/22	
Total Xylenes	ND	0.0250	1	09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		97.2 %	70-130	09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130	09/28/22	09/28/22	
Surrogate: Toluene-d8		99.0 %	70-130	09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2240064
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/22	09/28/22	
Surrogate: Bromofluorobenzene		97.2 %	70-130	09/28/22	09/28/22	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130	09/28/22	09/28/22	
Surrogate: Toluene-d8		99.0 %	70-130	09/28/22	09/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2240046
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	09/29/22	
Surrogate: n-Nonane		82.5 %	50-200	09/28/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2240066
Chloride	587	20.0	1	09/28/22	09/28/22	

QC Summary Data

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62HReported:201 S Halagueno St.Project Number:01058-0007Carlsbad NM, 88220Project Manager:Heather Woods9/29/2022 3:33:10PM

Carlsbad NM, 88220		Project Manage	r: He	eather Woods				9	/29/2022 3:33:10PM
	Vo	olatile Organ	ic Compo	unds by EP	PA 82601	В			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2240063-BLK1)							Prepared: 09	9/28/22 An	alyzed: 09/29/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.493		0.500		98.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.469		0.500		93.8	70-130			
Surrogate: Toluene-d8	0.532		0.500		106	70-130			
LCS (2240063-BS1)							Prepared: 09	9/28/22 An	alyzed: 09/29/22
Benzene	2.20	0.0250	2.50		88.1	70-130			
Ethylbenzene	2.20	0.0250	2.50		88.1	70-130			
Toluene	2.17	0.0250	2.50		86.9	70-130			
o-Xylene	2.08	0.0250	2.50		83.0	70-130			
p,m-Xylene	4.13	0.0500	5.00		82.5	70-130			
Total Xylenes	6.20	0.0250	7.50		82.7	70-130			
Surrogate: Bromofluorobenzene	0.494		0.500		98.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.459		0.500		91.8	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			
LCS Dup (2240063-BSD1)							Prepared: 09	9/28/22 An	alyzed: 09/29/22
Benzene	2.10	0.0250	2.50		84.0	70-130	4.79	23	
Ethylbenzene	2.16	0.0250	2.50		86.3	70-130	2.13	27	
Toluene	2.13	0.0250	2.50		85.2	70-130	2.00	24	
o-Xylene	2.03	0.0250	2.50		81.1	70-130	2.31	27	
p,m-Xylene	4.00	0.0500	5.00		79.9	70-130	3.20	27	
Total Xylenes	6.03	0.0250	7.50		80.3	70-130	2.90	27	
Surrogate: Bromofluorobenzene	0.504		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		98.0	70-130			
~									

0.500

0.531

70-130



Surrogate: Toluene-d8

QC Summary Data

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62HReported:201 S Halagueno St.Project Number:01058-0007Carlsbad NM, 88220Project Manager:Heather Woods9/29/2022 3:33:10PM

Result	Carlsbad NM, 88220		Project Manage	r: He	eather Woods				9/2	29/2022 3:33:10PM
Result		Ve	olatile Organ	ic Compo	unds by EP	PA 8260]	В			Analyst: RKS
Samk (240064-BLK1)	Analyte	Result		-		Rec		RPD		
Servene ND		mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Selly benzence ND	Blank (2240064-BLK1)							Prepared: 09	9/28/22 Anal	lyzed: 09/28/22
ND	Benzene	ND	0.0250							
ND 0.0250 ND 0.0500	Ethylbenzene		0.0250							
ND 0.0550	Toluene									
ND 0.0250 0.500 98.0 70-130	o-Xylene									
Control Cont	p,m-Xylene									
1	Total Xylenes	ND	0.0250							
CCS (2240064-BS1) Prepared: 09/28/22 Analyzed: 09/28/28 Analyzed	Surrogate: Bromofluorobenzene	0.490		0.500		98.0	70-130			
Prepared: 09/28/22 Analyzed: 09/28/22 Analyze	Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.5	70-130			
Senzene 2.18 0.0250 2.50 87.3 70-130	Surrogate: Toluene-d8	0.500		0.500		99.9	70-130			
Sthylbenzene 2.11	LCS (2240064-BS1)							Prepared: 09	9/28/22 Anal	lyzed: 09/28/22
Solution Column	Benzene	2.18	0.0250	2.50		87.3	70-130			
2.13 0.0250 2.50 85.1 70-130 0.0250 0.000 5.00 83.9 70-130 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.00000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0	Ethylbenzene	2.11	0.0250	2.50		84.2	70-130			
A.19	Toluene	2.13	0.0250	2.50		85.4	70-130			
Color Aylenes 6.32 0.0250 7.50 84.3 70-130	o-Xylene	2.13	0.0250	2.50		85.1	70-130			
Surrogate: Bromofluorobenzene 0.509 0.500 102 70-130 Surrogate: I,2-Dichloroethane-d4 0.489 0.500 97.7 70-130 Surrogate: Toluene-d8 0.492 0.500 98.4 70-130 Surrogate: Toluene-d8 0.492 0.500 98.4 70-130 Surrogate: Toluene-d8 0.492 0.500 0.500 98.4 70-130 Surrogate: Toluene-d8 0.492 0.500 0.500 0.500 0.736 23 Surgene 0.100 0.0250 0.500 0.500 0.736	p,m-Xylene	4.19	0.0500	5.00		83.9	70-130			
Comparison of the control of the c	Total Xylenes	6.32	0.0250	7.50		84.3	70-130			
CLCS Dup (2240064-BSD1) Prepared: 09/28/22 Analyzed: 09/28/22 An	Surrogate: Bromofluorobenzene	0.509		0.500		102	70-130			
Prepared: 09/28/22 Analyzed: 09/28/22 Analyze	Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Benzene 2.17 0.0250 2.50 86.6 70-130 0.736 23 Ethylbenzene 2.10 0.0250 2.50 83.9 70-130 0.404 27 Foluene 2.11 0.0250 2.50 84.5 70-130 1.08 24 E-Xylene 2.11 0.0250 2.50 84.5 70-130 0.708 27 Expression 2.11 0.0250 2.50 84.5 70-130 0.708 27 Expression 2.11 0.0250 2.50 84.5 70-130 0.708 27 Expression 2.11 0.0500 5.00 83.8 70-130 0.0477 27 Expression 2.11 0.0250 7.50 84.0 70-130 0.269 27	Surrogate: Toluene-d8	0.492		0.500		98.4	70-130			
Ethylbenzene 2.10 0.0250 2.50 83.9 70-130 0.404 27 Foluene 2.11 0.0250 2.50 84.5 70-130 1.08 24 5-Xylene 2.11 0.0250 2.50 84.5 70-130 0.708 27 6 m-Xylene 4.19 0.0500 5.00 83.8 70-130 0.0477 27 Fotal Xylenes 6.30 0.0250 7.50 84.0 70-130 0.269 27 Surrogate: Bromofluorobenzene 0.505 0.500 101 70-130 70-130 70-130	LCS Dup (2240064-BSD1)							Prepared: 09	9/28/22 Anal	lyzed: 09/28/22
Ethylbenzene 2.10 0.0250 2.50 83.9 70-130 0.404 27 Foluene 2.11 0.0250 2.50 84.5 70-130 1.08 24 5-Xylene 2.11 0.0250 2.50 84.5 70-130 0.708 27 5mr-Xylene 4.19 0.0500 5.00 83.8 70-130 0.0477 27 fotal Xylenes 6.30 0.0250 7.50 84.0 70-130 0.269 27 Surrogate: Bromofluorobenzene 0.505 0.500 101 70-130 70-130 70-130	Benzene	2.17	0.0250	2.50		86.6	70-130	0.736	23	
b-Xylene 2.11 0.0250 2.50 84.5 70-130 0.708 27 b-Mr-Xylene 4.19 0.0500 5.00 83.8 70-130 0.0477 27 Fotal Xylenes 6.30 0.0250 7.50 84.0 70-130 0.269 27 Surrogate: Bromofluorobenzene 0.505 0.500 101 70-130 70-130	Ethylbenzene	2.10		2.50		83.9	70-130	0.404	27	
O,m-Xylene 4.19 0.0500 5.00 83.8 70-130 0.0477 27 Fotal Xylenes 6.30 0.0250 7.50 84.0 70-130 0.269 27 Surrogate: Bromofluorobenzene 0.505 0.500 101 70-130 70-130	Toluene	2.11	0.0250	2.50		84.5	70-130	1.08	24	
Total Xylenes 6.30 0.0250 7.50 84.0 70-130 0.269 27 Surrogate: Bromofluorobenzene 0.505 0.500 101 70-130 70-130	o-Xylene	2.11	0.0250	2.50		84.5	70-130	0.708	27	
Total Xylenes 6.30 0.0250 7.50 84.0 70-130 0.269 27 Surrogate: Bromofluorobenzene 0.505 0.500 101 70-130 70-130	p,m-Xylene	4.19	0.0500	5.00		83.8	70-130	0.0477	27	
	Total Xylenes	6.30	0.0250	7.50		84.0	70-130	0.269	27	
'urrogate: 1.2-Dichloroethane-d4 0.501 0.500 100 70-130	Surrogate: Bromofluorobenzene	0.505		0.500		101	70-130			
	Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			

0.500

70-130



Surrogate: Toluene-d8

0.485

LCS Dup (2240063-BSD2)

Gasoline Range Organics (C6-C10)

 ${\it Surrogate: Bromofluor obenzene}$

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

QC Summary Data

Souder Miller Associates - CarlsbadProject Name:Tomb Raider 1-12-62HReported:201 S Halagueno St.Project Number:01058-0007Carlsbad NM, 88220Project Manager:Heather Woods9/29/2022 3:33:10PM

Nonhalogenated	Organics	by EPA	8015D -	GRO

Analyst: RKS

Prepared: 09/28/22 Analyzed: 09/29/22

70-130

70-130

70 - 130

70-130

105

98.9

97.7

107

0.786

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2240063-BLK1)						F	Prepared: 09	9/28/22 Analy	zed: 09/29/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.493		0.500		98.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.469		0.500		93.8	70-130			
Surrogate: Toluene-d8	0.532		0.500		106	70-130			
LCS (2240063-BS2)						F	Prepared: 09	9/28/22 Analy	zed: 09/29/22
Gasoline Range Organics (C6-C10)	52.1	20.0	50.0		104	70-130			
Surrogate: Bromofluorobenzene	0.483		0.500		96.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.462		0.500		92.3	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			

0.500

0.500

0.500

52.5

0.495

0.489

0.535

20.0

Surrogate: Toluene-d8

QC Summary Data

Tomb Raider 1-12-62H Project Name: Souder Miller Associates - Carlsbad Reported: Project Number: 01058-0007 201 S Halagueno St. Carlsbad NM, 88220 Project Manager: Heather Woods 9/29/2022 3:33:10PM

Nonhalogenated	Organics	hv	EPA 8015D -	GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2240064-BLK1)						,	Prepared: 0	9/28/22 Anal	yzed: 09/28/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.490		0.500		98.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.5	70-130			
Surrogate: Toluene-d8	0.500		0.500		99.9	70-130			
LCS (2240064-BS2)							Prepared: 0	9/28/22 Anal	yzed: 09/28/22
Gasoline Range Organics (C6-C10)	40.7	20.0	50.0		81.5	70-130			
Surrogate: Bromofluorobenzene	0.499		0.500		99.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.6	70-130			
LCS Dup (2240064-BSD2)							Prepared: 0	9/28/22 Anal	yzed: 09/28/22
Gasoline Range Organics (C6-C10)	46.3	20.0	50.0		92.5	70-130	12.7	20	
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			

0.500

96.7

70-130

0.484



QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	Reported:
201 S Halagueno St.	Project Number:	01058-0007	-
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/29/2022 3:33:10PM

Carlsbad NM, 88220		Project Manage	r: He	eather Woods					9/29/2022 3:33:10PN
	Nonhal	logenated Or	ganics by l	EPA 8015I	D - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2240041-BLK1)							Prepared: 0	9/28/22 A1	nalyzed: 09/28/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	41.2		50.0		82.4	50-200			
LCS (2240041-BS1)							Prepared: 0	9/28/22 Aı	nalyzed: 09/28/22
Diesel Range Organics (C10-C28)	224	25.0	250		89.7	38-132			
urrogate: n-Nonane	43.5		50.0		87.0	50-200			
Matrix Spike (2240041-MS1)				Source:	E209159-	15	Prepared: 0	9/28/22 Aı	nalyzed: 09/28/22
Diesel Range Organics (C10-C28)	242	25.0	250	35.0	82.7	38-132			
urrogate: n-Nonane	41.4		50.0		82.8	50-200			
Matrix Spike Dup (2240041-MSD1)				Source:	E209159-	15	Prepared: 0	9/28/22 A1	nalyzed: 09/28/22
Diesel Range Organics (C10-C28)	255	25.0	250	35.0	87.9	38-132	5.22	20	
urrogate: n-Nonane	43.8		50.0		87.6	50-200			

QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	Reported:
201 S Halagueno St.	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/29/2022 3:33:10PM

Carlsbad NM, 88220		Project Manage	r: H	eather Woods					9/29/2022 3:33:10PM
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2240046-BLK1)							Prepared: 0	9/28/22 A	nalyzed: 09/28/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.9		50.0		93.7	50-200			
LCS (2240046-BS1)							Prepared: 0	9/28/22 A	nalyzed: 09/28/22
Diesel Range Organics (C10-C28)	215	25.0	250		85.8	38-132			
Surrogate: n-Nonane	43.9		50.0		87.8	50-200			
Matrix Spike (2240046-MS1)				Source:	E209159-	27	Prepared: 0	9/28/22 A	nalyzed: 09/28/22
Diesel Range Organics (C10-C28)	243	25.0	250	ND	97.0	38-132			
Surrogate: n-Nonane	42.6		50.0		85.2	50-200			
Matrix Spike Dup (2240046-MSD1)				Source:	E209159-	27	Prepared: 0	9/28/22 A	nalyzed: 09/28/22
Diesel Range Organics (C10-C28)	240	25.0	250	ND	96.1	38-132	1.00	20	
Surrogate: n-Nonane	42.9		50.0		85.9	50-200			



QC Summary Data

Souder Miller Associates - Carlsbad 201 S Halagueno St.	Project Name: Project Number:	Tomb Raider 1-12-62H 01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/29/2022 3:33:10PM
	A l l	EDA 200 0/005/A	_

		Anions	by EPA 3	00.0/9056	4				Analyst: RAS		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit			
Plank (22/10066 PLV1)							Droporod: 0	0/28/22	Analyzed: 09/28/22		
Blank (2240066-BLK1)							Prepared: 0	9/28/22	Anaryzeu: 09/28/22		
Chloride	ND	20.0									
LCS (2240066-BS1)							Prepared: 0	9/28/22	Analyzed: 09/28/22		
Chloride	259	20.0	250		104	90-110					
LCS Dup (2240066-BSD1)							Prepared: 0	9/28/22	Analyzed: 09/28/22		
Chloride	259	20.0	250		104	90-110	0.140	20			



QC Summary Data

Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager	(Tomb Raider 1- 01058-0007 Heather Woods	12-62H				Reported: 9/29/2022 3:33:10PM
Canada 1 111, 00220				300.0/9056	<u> </u>				Analyst: RAS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2240067-BLK1)							Prepared: 09	9/28/22 A	nalyzed: 09/28/22
Chloride	ND	20.0							
LCS (2240067-BS1)							Prepared: 09	9/28/22 A	nalyzed: 09/28/22
Chloride	262	20.0	250		105	90-110			
LCS Dup (2240067-BSD1)							Prepared: 09	9/28/22 A	nalyzed: 09/28/22
Chloride	261	20.0	250		105	90-110	0.327	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Souder Miller Associates - Carlsbad	Project Name:	Tomb Raider 1-12-62H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	09/29/22 15:33

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



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OR 10 9/36/33 SOIL SC-13-5 OR 11 9/36/33 SOIL SC-13-5 OR 13 9/36/33 SOIL SC-13-5 OR 13 9/36/33 SOIL SC-13-5 OR 13 9/36/33 SOIL SC-13-5 Additional instructions: Relinquished by: (Signature) Relinquished by: (Signature) Date Time Received by: (Signature) Date Time AVG Temp ^C Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA Received by: (Signature) Date Time AVG Temp ^C Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA Received by: (Signature) Date Time AVG Temp ^C Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA Received by: (Signature) Date Time AVG Temp ^C Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA Received by: (Signature) Date Time AVG Temp ^C Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA	0909191000000	7								X		
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New Camples are discarded 30 days after results are reported. The lighting of the laborator, is limited to the amount paid for on the report	Sample Matrix: S - Soil. Sd - Soild, Sg - Stodge, A - Aqueed. Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hatardous st Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hatardous standard to the amount of the laborator, is limited to the amount to those samples received by the laboratory with this COC. The liability of the laborator, is limited to the amount of the laborator.	amples will be return rount paid for on the	report									

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Page 46 of 48

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Address: 201 S Halaguno Lity, State, Zip Carlsona, NM 98220 Phone:	City, State, Zip Phone: Email: WO# 20987302		DRO/ORO by 8015	GRO/DRO by B015	8021	8260	Chloride 300.0		BGDOC - NM	XI.:	XF	X OK
Report due by: Time Date Matrix Containers Sample ID		Lab Number	1)RO/0R	GRO/DR	RTEX by 8021	VOC. by 8260 Metals 6010	Chitorid	-	gg V	BGDOC - 1x		Remarks
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0926 9/26/22 SOIL 1 SC-140	24		1					X	1	4-+	
0927 9/26/22 5011 1 50-141	25							X	1		
0928 9/26/22 SOIL 1 SC-142	20		+	+					4		
0939 9/26/22 SDI 1 SC-143		$\overline{}$	\dagger	十	+-		-	11>	T		
0930 926/22 SOIL 1 SC-144	7		+	+	+-	+		+	i t	11	
10950 Margas Seri	29	3	-	+	+-	-		+	+		
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la distance instructions:	the sample incetion, dat	VAP.	an	<u> </u>	<u>U</u> L	Sampl	es :eourng the	e at an aug te	veds to	ist 229° set 22 St 229° set 29	omice the day they are sampled or an 6°C or subsequent days
. (Field sampler), strest to the validity and authenticity of this sample. I am avair and transcribe the sampler and transcribe the sampler by:		=			~ (7.15			ها	b Use O	
Deliaguistad by (Signature)	7) 47]]	1) 3	2//	ke	ceived o	n ite:	(Y) N	
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Time Received by: (Signature)	Date		. 1	Time		A	/G Temo	ر در	1		
la at fruished by: (Signature)					AVG Temp C Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA						
Sample Matrix: 5 - 308, Sd - Soild, Sg - Sludge, A - Aqueous, O - Other Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hatardous single Samples are discarded by the laboratory with this COC. The liability of the laboratory is limited to the am	il ba cerurr	ed to cli-	ent or	dispor	ed of at	the Cier		cpa			
Sample Matrix: 5 - 504, 56 - 5040, 5g See Sample Materials are reported unless other arrangements are made. Haterdook is Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Haterdook is Note: Samples are discarded by the laboratory with this COC. The liability of the laboratory is limited to the among those samples received by the laboratory with this COC. The liability of the laboratory is limited to the among the laboratory with this COC.							_				

Printed: 9/28/2022 11:51:22AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Souder Miller Associates - Carlsbad	Date Received:	09/28/22	10:00		Work Order ID:	E209159
Phone:	(575) 200-5443	Date Logged In:	09/27/22	16:15		Logged In By:	Alexa Michaels
Email:		Due Date:	09/29/22	17:00 (1 day TAT)			
Chain of	Custody (COC)						
1. Does tl	he sample ID match the COC?		Yes				
2. Does tl	he number of samples per sampling site location ma	tch the COC	Yes				
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: <u>U</u>	<u>JPS</u>		
4. Was th	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes	_			
5. Were a	ll samples received within holding time?		Yes				
	Note: Analysis, such as pH which should be conducted in	•				Comments	s/Resolution
Campula 7	i.e, 15 minute hold time, are not included in this disucssi	on.		ı			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	Furn Around Time (TAT)		Yes				
	e COC indicate standard TAT, or Expedited TAT?		168				
Sample C	sample cooler received?		Yes				
	was cooler received in good condition?		Yes				
•	•						
	e sample(s) received intact, i.e., not broken?		Yes				
	custody/security seals present?		No				
11. If yes	, were custody/security seals intact?		NA				
12. Was th	ne sample received on ice? If yes, the recorded temp is 4°C.		Yes				
	Note: Thermal preservation is not required, if samples ar minutes of sampling	e received w/i 15					
13 If no	visible ice, record the temperature. Actual sample	temperature: 4°0	C				
		temperature. 1	<u>~</u>				
	<u>Container</u> queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA NA				
	a trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers	9	Yes				
	appropriate volume/weight or number of sample contain		Yes				
	· · · · · · · · · · · · · · · · · · ·	ners conected:	105				
Field Lal	field sample labels filled out with the minimum info	rmation					
	ample ID?	mation.	Yes				
	Date/Time Collected?		Yes				
C	Collectors name?		No				
Sample F	Preservation_						
21. Does	the COC or field labels indicate the samples were p	reserved?	No				
22. Are sa	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved n	netals?	No				
Multipha	ase Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	se?	No				
27. If yes	, does the COC specify which phase(s) is to be analy	yzed?	NA				
Subcontr	ract Laboratory						
	amples required to get sent to a subcontract laborato	my?	No				
	a subcontract laboratory specified by the client and i	-	NA	Subcontract Lab	· NA		
		. 50 11101	- 1112	Subcontract Eac). 1 17 L		
Client II	<u>nstruction</u>						

Signature of client authorizing changes to the COC or sample disposition.

Report to:
Heather Woods



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Souder Miller Associates - Carlsbad

Project Name: [

Devon Tomb Raider 1-12 Fed

#062H

Work Order:

E210001

Job Number:

01058-0007

Received:

10/3/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/5/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/5/22

Heather Woods 201 S Halagueno St. Carlsbad, NM 88220

Project Name: Devon Tomb Raider 1-12 Fed #062H

Workorder: E210001

Date Received: 10/3/2022 12:54:00PM

Heather Woods,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/3/2022 12:54:00PM, under the Project Name: Devon Tomb Raider 1-12 Fed #062H.

The analytical test results summarized in this report with the Project Name: Devon Tomb Raider 1-12 Fed #062H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

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rainaschwanz@envirotech-inc.com

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labadmin@envirotech-inc.com

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Technical Representative/Client Services

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ljarboe@envirotech-inc.com

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West Texas Midland/Odessa Area Rayny Hagan

Technical Representative Office: 505-421-LABS(5227)

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Sample Summary

Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	Reported:
201 S Halagueno St.	Project Number:	01058-0007	Keporteu:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/05/22 16:52

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS-1	E210001-01A	Soil	09/29/22	10/03/22	Glass Jar, 2 oz.
SS-2	E210001-02A	Soil	09/29/22	10/03/22	Glass Jar, 2 oz.
SS-3	E210001-03A	Soil	09/29/22	10/03/22	Glass Jar, 2 oz.
SS-4	E210001-04A	Soil	09/29/22	10/03/22	Glass Jar, 2 oz.
SS-5	E210001-05A	Soil	09/29/22	10/03/22	Glass Jar, 2 oz.
SS-6	E210001-06A	Soil	09/29/22	10/03/22	Glass Jar, 2 oz.
SS-7	E210001-07A	Soil	09/29/22	10/03/22	Glass Jar, 2 oz.
SS-8	E210001-08A	Soil	09/29/22	10/03/22	Glass Jar, 2 oz.
SS-9	E210001-09A	Soil	09/29/22	10/03/22	Glass Jar, 2 oz.
SS-10	E210001-10A	Soil	09/29/22	10/03/22	Glass Jar, 2 oz.
SS-11	E210001-11A	Soil	09/29/22	10/03/22	Glass Jar, 2 oz.
SS-12	E210001-12A	Soil	09/29/22	10/03/22	Glass Jar, 2 oz.
SS-13	E210001-13A	Soil	09/29/22	10/03/22	Glass Jar, 2 oz.
SS-14	E210001-14A	Soil	09/29/22	10/03/22	Glass Jar, 2 oz.
SS-15	E210001-15A	Soil	09/29/22	10/03/22	Glass Jar, 2 oz.

Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:52:54PM

SS-1

Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	Analys	t: IY		Batch: 2241028
0.0250	1	10/03/22	10/04/22	
0.0250	1	10/03/22	10/04/22	
0.0250	1	10/03/22	10/04/22	
0.0250	1	10/03/22	10/04/22	
0.0500	1	10/03/22	10/04/22	
0.0250	1	10/03/22	10/04/22	
104 %	70-130	10/03/22	10/04/22	
mg/kg	Analys	t: IY		Batch: 2241028
20.0	1	10/03/22	10/04/22	
81.4 %	70-130	10/03/22	10/04/22	
mg/kg	Analys	t: JL		Batch: 2241034
25.0	1	10/04/22	10/04/22	
50.0	1	10/04/22	10/04/22	
87.0 %	50-200	10/04/22	10/04/22	
mg/kg	Analys	t: KL		Batch: 2241027
	mg/kg 0.0250 0.0250 0.0250 0.0250 0.0250 0.0500 0.0250 104 % mg/kg 20.0 81.4 % mg/kg	Limit Dilution	Limit Dilution Prepared mg/kg Analyst: IY 0.0250 1 10/03/22 0.0250 1 10/03/22 0.0250 1 10/03/22 0.0250 1 10/03/22 0.0500 1 10/03/22 0.0250 1 10/03/22 104 % 70-130 10/03/22 mg/kg Analyst: IY 20.0 1 10/03/22 81.4 % 70-130 10/03/22 10/03/22 mg/kg Analyst: JL 25.0 1 10/04/22	Limit Dilution Prepared Analyzed mg/kg Analyst: IY 0.0250 1 10/03/22 10/04/22 0.0250 1 10/03/22 10/04/22 0.0250 1 10/03/22 10/04/22 0.0250 1 10/03/22 10/04/22 0.0500 1 10/03/22 10/04/22 0.0250 1 10/03/22 10/04/22 104 % 70-130 10/03/22 10/04/22 mg/kg Analyst: IY 20.0 1 10/03/22 10/04/22 81.4 % 70-130 10/03/22 10/04/22 mg/kg Analyst: JL 1 25.0 1 10/04/22 10/04/22

Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:52:54PM

SS-2

10/04/22 10/04/22 10/04/22 10/04/22 10/04/22 10/04/22	Notes Batch: 2241028
10/04/22 10/04/22 10/04/22 10/04/22 10/04/22	
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10/04/22	
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	Batch: 2241028
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10/04/22	
	Batch: 2241034
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10/04/22	
10/04/22	
	Batch: 2241027
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_	10/04/22 10/04/22 10/04/22 10/04/22



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:52:54PM

SS-3

		ъ .:				
	D 1:	Reporting	D.1	D 1		NT -
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2241028
Benzene	ND	0.0250	1	10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/03/22	10/04/22	
Toluene	ND	0.0250	1	10/03/22	10/04/22	
o-Xylene	ND	0.0250	1	10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/03/22	10/04/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2241028
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/22	10/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.1 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2241034
Diesel Range Organics (C10-C28)	ND	25.0	1	10/04/22	10/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/04/22	10/04/22	
Surrogate: n-Nonane		86.0 %	50-200	10/04/22	10/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2241027
	592	20.0		10/03/22	10/04/22	•



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:52:54PM

SS-4

		ъ .:				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2241028
Benzene	ND	0.0250	1	10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/03/22	10/04/22	
Toluene	ND	0.0250	1	10/03/22	10/04/22	
o-Xylene	ND	0.0250	1	10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/03/22	10/04/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2241028
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/22	10/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.3 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2241034
Diesel Range Organics (C10-C28)	ND	25.0	1	10/04/22	10/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/04/22	10/04/22	
Surrogate: n-Nonane		86.9 %	50-200	10/04/22	10/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2241027
Chloride	304	20.0	1	10/03/22	10/04/22	



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:52:54PM

SS-5

		ъ .:				
Austra	Result	Reporting Limit	Dilution	D	A	Notes
Analyte	Resuit	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2241028
Benzene	ND	0.0250	1	10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/03/22	10/04/22	
Toluene	ND	0.0250	1	10/03/22	10/04/22	
o-Xylene	ND	0.0250	1	10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/03/22	10/04/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2241028
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/22	10/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.5 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2241034
Diesel Range Organics (C10-C28)	ND	25.0	1	10/04/22	10/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/04/22	10/04/22	
Surrogate: n-Nonane		87.0 %	50-200	10/04/22	10/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2241027
Chloride	414	20.0	1	10/03/22	10/04/22	



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:52:54PM

SS-6

		ъ .:				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2241028
Benzene	ND	0.0250	1	10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/03/22	10/04/22	
Toluene	ND	0.0250	1	10/03/22	10/04/22	
o-Xylene	ND	0.0250	1	10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/03/22	10/04/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: IY		Batch: 2241028
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/22	10/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.3 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: JL		Batch: 2241034
Diesel Range Organics (C10-C28)	ND	25.0	1	10/04/22	10/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/04/22	10/04/22	
Surrogate: n-Nonane		85.7 %	50-200	10/04/22	10/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: KL		Batch: 2241027
Chloride	386	20.0		10/03/22	10/04/22	



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:52:54PM

SS-7

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2241028
Benzene	ND	0.0250	1	10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/03/22	10/04/22	
Toluene	ND	0.0250	1	10/03/22	10/04/22	
o-Xylene	ND	0.0250	1	10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/03/22	10/04/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2241028
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/22	10/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.9 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2241034
Diesel Range Organics (C10-C28)	ND	25.0	1	10/04/22	10/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/04/22	10/04/22	
Surrogate: n-Nonane		87.7 %	50-200	10/04/22	10/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2241027
Chloride	353	20.0	1	10/03/22	10/04/22	



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:52:54PM

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		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2241028
Benzene	ND	0.0250	1	10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/03/22	10/04/22	
Toluene	ND	0.0250	1	10/03/22	10/04/22	
o-Xylene	ND	0.0250	1	10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/03/22	10/04/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2241028
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/22	10/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.4 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: JL		Batch: 2241034
Diesel Range Organics (C10-C28)	ND	25.0	1	10/04/22	10/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/04/22	10/04/22	
Surrogate: n-Nonane		85.1 %	50-200	10/04/22	10/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: KL		Batch: 2241027
Chloride	427	20.0	1	10/03/22	10/04/22	



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:52:54PM

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		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2241028
Benzene	ND	0.0250	1	10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/03/22	10/04/22	
Toluene	ND	0.0250	1	10/03/22	10/04/22	
o-Xylene	ND	0.0250	1	10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/03/22	10/04/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2241028
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/22	10/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.6 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: JL		Batch: 2241034
Diesel Range Organics (C10-C28)	ND	25.0	1	10/04/22	10/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/04/22	10/04/22	
Surrogate: n-Nonane		84.6 %	50-200	10/04/22	10/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: KL		Batch: 2241027
Chloride	341	20.0	1	10/03/22	10/04/22	



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:52:54PM

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2241028
Benzene	ND	0.0250	1	10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/03/22	10/04/22	
Toluene	ND	0.0250	1	10/03/22	10/04/22	
o-Xylene	ND	0.0250	1	10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/03/22	10/04/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2241028
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/22	10/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.9 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2241034
Diesel Range Organics (C10-C28)	ND	25.0	1	10/04/22	10/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/04/22	10/05/22	
Surrogate: n-Nonane		83.0 %	50-200	10/04/22	10/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2241027
Chloride	400	20.0	1	10/03/22	10/04/22	



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:52:54PM

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esult	Reporting Limit	Dil	lution	Prepared	Analyzed	Notes
	Limit	Dil	ution	Prepared	Analyzed	Notes
_						
g/kg	mg/kg		Analyst:	IY		Batch: 2241028
ND	0.0250		1	10/03/22	10/04/22	
ND	0.0250		1	10/03/22	10/04/22	
ND	0.0250		1	10/03/22	10/04/22	
ND	0.0250		1	10/03/22	10/04/22	
ND	0.0500		1	10/03/22	10/04/22	
ND	0.0250		1	10/03/22	10/04/22	
	102 %	70-130		10/03/22	10/04/22	
g/kg	mg/kg		Analyst:	IY		Batch: 2241028
ND	20.0		1	10/03/22	10/04/22	
	85.1 %	70-130		10/03/22	10/04/22	
g/kg	mg/kg		Analyst:	JL		Batch: 2241034
ND	25.0		1	10/04/22	10/05/22	
ND	50.0		1	10/04/22	10/05/22	
	82.1 %	50-200		10/04/22	10/05/22	
g/kg	mg/kg		Analyst: 1	KL		Batch: 2241027
	ND	ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 102 % g/kg mg/kg ND 20.0 85.1 % g/kg mg/kg ND 25.0 ND 50.0	ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 102 % 70-130 g/kg mg/kg ND 20.0 85.1 % 70-130 g/kg mg/kg ND 25.0 ND 50.0	ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 102 % 70-130 g/kg mg/kg Analyst: ND 20.0 1 85.1 % 70-130 g/kg mg/kg Analyst: ND 25.0 1 ND 25.0 1 ND 50.0 1	ND 0.0250 1 10/03/22 ND 0.0250 1 10/03/22 ND 0.0250 1 10/03/22 ND 0.0250 1 10/03/22 ND 0.0500 1 10/03/22 ND 0.0250 1 10/03/22 ND 0.0250 1 10/03/22 102 % 70-130 10/03/22 g/kg mg/kg Analyst: IY ND 20.0 1 10/03/22 g/kg mg/kg Analyst: JL ND 25.0 1 10/04/22 ND 50.0 1 10/04/22 ND 50.0 1 10/04/22	ND 0.0250 1 10/03/22 10/04/22 ND 0.0250 1 10/03/22 10/04/22 ND 0.0250 1 10/03/22 10/04/22 ND 0.0500 1 10/03/22 10/04/22 ND 0.0250 1 10/03/22 10/04/22 ND 0.0250 1 10/03/22 10/04/22 ND 0.0250 1 10/03/22 10/04/22 102 % 70-130 10/03/22 10/04/22 g/kg mg/kg Analyst: IY ND 20.0 1 10/03/22 10/04/22 g/kg mg/kg Analyst: JL ND 25.0 1 10/04/22 10/05/22 ND 25.0 1 10/04/22 10/05/22 ND 50.0 1 10/04/22 10/05/22



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:52:54PM

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		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2241028
Benzene	ND	0.0250	1	10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/03/22	10/04/22	
Toluene	ND	0.0250	1	10/03/22	10/04/22	
o-Xylene	ND	0.0250	1	10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/03/22	10/04/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2241028
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/22	10/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.7 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2241034
Diesel Range Organics (C10-C28)	58.3	25.0	1	10/04/22	10/05/22	
Oil Range Organics (C28-C36)	91.6	50.0	1	10/04/22	10/05/22	
Surrogate: n-Nonane		88.4 %	50-200	10/04/22	10/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: KL		Batch: 2241027
Chloride	224	20.0	1	10/03/22	10/04/22	



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:52:54PM

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2241028
Benzene	ND	0.0250	1	10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/03/22	10/04/22	
Toluene	ND	0.0250	1	10/03/22	10/04/22	
o-Xylene	ND	0.0250	1	10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/03/22	10/04/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2241028
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/22	10/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.7 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2241034
Diesel Range Organics (C10-C28)	ND	25.0	1	10/04/22	10/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/04/22	10/05/22	
Surrogate: n-Nonane		90.5 %	50-200	10/04/22	10/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2241027
Chloride	254	20.0	1	10/03/22	10/04/22	



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:52:54PM

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2241028
Benzene	ND	0.0250	1	10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/03/22	10/04/22	
Toluene	ND	0.0250	1	10/03/22	10/04/22	
o-Xylene	ND	0.0250	1	10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/03/22	10/04/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2241028
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/22	10/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.1 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2241034
Diesel Range Organics (C10-C28)	ND	25.0	1	10/04/22	10/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/04/22	10/05/22	
Surrogate: n-Nonane		87.3 %	50-200	10/04/22	10/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2241027
Chloride	103	20.0	1	10/03/22	10/04/22	



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:52:54PM

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		ъ .:				
	D 1:	Reporting	D.1	ъ.		NT .
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2241028
Benzene	ND	0.0250	1	10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/03/22	10/04/22	
Toluene	ND	0.0250	1	10/03/22	10/04/22	
o-Xylene	ND	0.0250	1	10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/03/22	10/04/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2241028
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/22	10/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.9 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2241034
Diesel Range Organics (C10-C28)	ND	25.0	1	10/04/22	10/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/04/22	10/05/22	
Surrogate: n-Nonane		86.9 %	50-200	10/04/22	10/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2241027
Chloride	225	20.0	1	10/03/22	10/04/22	•



Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	Reported:
201 S Halagueno St.	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:52:54PM

Carlsbad NM, 88220		Project Number: Project Manager:		eather Woods					10/5/2022 4:52:54PM	
Volatile Organics by EPA 8021B										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2241028-BLK1)							Prepared: 10)/03/22 Aı	nalyzed: 10/04/22	
Benzene	ND	0.0250								
Ethylbenzene	ND	0.0250								
Toluene	ND	0.0250								
o-Xylene	ND	0.0250								
p,m-Xylene	ND	0.0500								
Total Xylenes	ND	0.0250								
Surrogate: 4-Bromochlorobenzene-PID	8.32		8.00		104	70-130				
LCS (2241028-BS1)							Prepared: 10)/03/22 Aı	nalyzed: 10/04/22	
Benzene	5.22	0.0250	5.00		104	70-130				
Ethylbenzene	4.25	0.0250	5.00		85.1	70-130				
Toluene	4.54	0.0250	5.00		90.8	70-130				
o-Xylene	4.37	0.0250	5.00		87.3	70-130				
p,m-Xylene	8.61	0.0500	10.0		86.1	70-130				
Total Xylenes	13.0	0.0250	15.0		86.5	70-130				
Surrogate: 4-Bromochlorobenzene-PID	8.46		8.00		106	70-130				
LCS Dup (2241028-BSD1)							Prepared: 10)/03/22 Aı	nalyzed: 10/04/22	
Benzene	5.47	0.0250	5.00		109	70-130	4.68	20		
Ethylbenzene	4.48	0.0250	5.00		89.6	70-130	5.22	20		
Toluene	4.77	0.0250	5.00		95.4	70-130	4.84	20		
o-Xylene	4.60	0.0250	5.00		91.9	70-130	5.12	20		
p,m-Xylene	9.07	0.0500	10.0		90.7	70-130	5.19	20		
Total Xylenes	13.7	0.0250	15.0		91.1	70-130	5.17	20		

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QC Summary Data

Souder Miller Associates - Carlsbad	Project Name: Project Number:	Devon Tomb Raider 1-12 Fed #062H 01058-0007	Reported:
201 S Halagueno St. Carlsbad NM, 88220	Project Number: Project Manager:	Heather Woods	10/5/2022 4:52:54PM

Carlsbad NM, 88220		Project Manager	r: He	eather Woods					10/5/2022 4:52:54PM
Nonhalogenated Organics by EPA 8015D - GRO Analyst: IY									
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2241028-BLK1)							Prepared: 1	0/03/22	Analyzed: 10/04/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.25		8.00		78.1	70-130			
LCS (2241028-BS2)							Prepared: 1	0/03/22	Analyzed: 10/04/22
Gasoline Range Organics (C6-C10)	50.5	20.0	50.0		101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.61		8.00		82.6	70-130			
LCS Dup (2241028-BSD2)							Prepared: 1	0/03/22	Analyzed: 10/04/22
Gasoline Range Organics (C6-C10)	49.3	20.0	50.0		98.7	70-130	2.31	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.54		8.00		81.7	70-130			

QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	Reported:
201 S Halagueno St.	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:52:54PM

Carlsbad NM, 88220		Project Manage	r: He	eather Woods				10	/5/2022 4:52:54PN
	Nonha	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2241034-BLK1)							Prepared: 10	0/04/22 Ana	lyzed: 10/04/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	43.7		50.0		87.4	50-200			
LCS (2241034-BS1)							Prepared: 10	0/04/22 Ana	lyzed: 10/04/22
Diesel Range Organics (C10-C28)	202	25.0	250		80.7	38-132			
Gurrogate: n-Nonane	42.6		50.0		85.1	50-200			
Matrix Spike (2241034-MS1)				Source:	E210001-	12	Prepared: 10	0/04/22 Ana	lyzed: 10/04/22
Diesel Range Organics (C10-C28)	214	25.0	250	58.3	62.5	38-132			
urrogate: n-Nonane	42.7		50.0		85.4	50-200			
Matrix Spike Dup (2241034-MSD1)				Source:	E210001-	12	Prepared: 10	0/04/22 Ana	lyzed: 10/04/22
Diesel Range Organics (C10-C28)	265	25.0	250	58.3	82.5	38-132	21.0	20	R3
Gurrogate: n-Nonane	45.3		50.0		90.6	50-200			



QC Summary Data

Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager		Devon Tomb Ra 01058-0007 Heather Woods	nider 1-12	Fed #062	Н		Reported: 10/5/2022 4:52:54PM
		Anions	by EPA	300.0/9056	\				Analyst: KL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2241027-BLK1)							Prepared: 10	0/03/22 Aı	nalyzed: 10/04/22
Chloride	ND	20.0							
LCS (2241027-BS1)							Prepared: 10	0/03/22 Aı	nalyzed: 10/04/22
Chloride	259	20.0	250		104	90-110			
LCS Dup (2241027-BSD1)							Prepared: 10	0/03/22 Aı	nalyzed: 10/04/22
Chloride	260	20.0	250		104	90-110	0.389	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/05/22 16:52

R3 The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



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11:01:16 A

Chain of Custody	Pag
September 2 Stanton Service	10

roject In	formation					Chain of Cus	tody								21) F	age _		of
lient: Se	ouder, Mill	ur : As	sociale	2	Report At	tention		Lab Us				Onl	v		TAT	E	PA Pro	ogram	1
roject:	Devon To	Devon Tomb Raider 1-12 Ced #062H Report due by: Devon						Lab V	VO#	n. e		ob N	luml		1D 3D	RCRA	CW		SDWA
roject Manager: Heather Woods					Attention:				PE210001			01058-0007			X				
ddress:	201 5.	Halag	ueno		Address:		Analysis and Met					nd Method	1	,		State			
	e, Zip Ca			88220	City, State, Zip			8015	015					()			NM	CO	UT A
	505)711				Phone: Email: Wo # 2099 5421				by 8	021	09	10	0.00	Ø					
		oods@S		Her.com	Email: Wot 20	1995421	T	ORO	DRO	by 8(14 82	s 60	de 3	5					
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID			Lab Number	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGI				Rema	rks
	9/29/22	5	1	55-1			1							*					
239	9/29/22	S	1	55-2			2												
	9/29/22	5	1	55-3			3												
243	9/29/22	S	1	55-4			4												
245	9/29/22	5	1	55-5			5												
247	9/29/22	5	1	55-6			0												
250	9/29/22	5	1	55-7			7												
252	9/29/22	S	1	55-8			8												
254	9/29/22	5	1	55-9			9												
254	9/29/22	S	1	55-10			10												
ddition	al Instruct	ions: Pu	are en	nail results	to Sarahmay. Schlea	@ Souder	miller.	com	an	d	Geo	gea	nn.	Goodn	nan@s	ouderr	nille.		4
				this sample. I am aware th s for legal action. Sampled	nat tampering with or intentionally mislabe by:		ation, date or				1	Const.	- Autom	B. Street Street Street	rvation must be r ve 0 but less than		Andrew Color	are sample	ed or recei
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5795 US Highway 64, Farmington, NM 87401

24 Hour Emergency Response Phone (800) 302-1879

Ph (505) 632-1881 Fx (505) 632-1865

envirotech-inc.com

labadmin@envirolech inc.com

Project Information

C	hain	of	Custody	
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Page	2	of	2
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Received by OCD: 4/25/2023 12:52:09 PM

																	グレ			
Client: 5	ouder, N	liller :	Associa	tes	1		rt Attention						e On				TAT	E	PA Progra	m
				Fed # 1042+			Devon		Lab WO# PE 210001				Job Number		7 11	1D 3D	RCRA	CWA	SDWA	
Project Manager: Heather Woods Address: 201 S. Halagueno			Att	ention:			PE 21000				0058-0007			1	X					
Address:	2015.	Halag	uno			dress:							Analy	sis a	nd Meth	nod			Sta	ate
City, Stat	e, Zip Ca	ulsbac	I, NM	BB220	Cit	y, State, Zip			115	15					-)				NM CO	UT AZ
	505) 7					Phone:			V 80	y 80	н	0		0.0	$ \mathcal{S} $				5 1115 5	
Email: H	eather. 1	r. Woods @ souder miller. Com Email: WO#20995			0995421		0 p	q O	802	826	3010	300								
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID				Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGNOC				Ren	narks
1258	9/20/22	5	- 1	55-11		*		11							X					
			1	55-12				12							1					
1302	9/29/22	S	1	55-13				13												
1303	9/29/22	5	1	55-14				14												
1305	9/29/22	S	1	55-15				15							1					
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Addition	al Instruc	tions:		4				Ling	-			-								
0						ring with or intentionally m	islabelling the sample loo	ation, date or					1000					ceived on ice the	day they are san	pled or received
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Sample Mat	rix: S - Soil Se	- Solid So -	Sludge A - A	Iqueous, O - Other		4		Container	Type	. 0 - 0	lacc	n - pr	dy/pl	ectic	30 - 3m	hera	acc v	VOA		
					other arran	gements are made. Haz	vardous samples will h												nova campler	ir applicable



only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Ph (505) 632-1881 Fx (505) 632-1865

envirotech-inc.com labadmin@envirolech inc.com

Printed: 10/3/2022 2:13:01PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

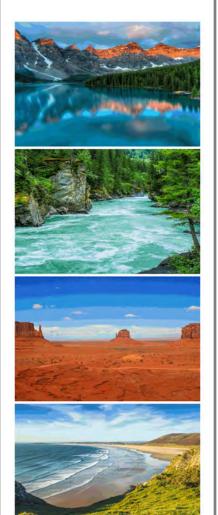
Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Souder Miller Associates - Carlsbad	Date Received:	10/03/22 12	2:54		Work Order ID:	E210001
Phone:	(575) 200-5443	Date Logged In:	10/03/22 13	3:17		Logged In By:	Caitlin Christian
Email:		Due Date:	10/05/22 1	7:00 (2 day TAT)			
Chain of	Custody (COC)						
	the sample ID match the COC?		Yes				
	the number of samples per sampling site location mat	ch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: F	Heather Woods		
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes	Carrier. <u>1</u>	reather woods		
	Il samples received within holding time?	•	Yes				
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.			,		Comment	s/Resolution
	<u>[urn Around Time (TAT)</u>						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample (
	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	, were custody/security seals intact?		NA				
	the sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
		temperature. 4	<u>C</u>				
	Container queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers')	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field La		iers conceteu.	103				
	field sample labels filled out with the minimum info	rmation:					
	ample ID?	illiation.	Yes				
	Pate/Time Collected?		Yes				
C	follectors name?		No				
Sample 1	Preservation_						
21. Does	the COC or field labels indicate the samples were pr	eserved?	No				
22. Are s	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved n	netals?	No				
Multipha	ase Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	se?	No				
27. If yes	, does the COC specify which phase(s) is to be analy	zed?	NA				
Subconti	act Laboratory						
	amples required to get sent to a subcontract laborato	rv?	No				
	subcontract laboratory specified by the client and if	-		Subcontract Lab	o. na		
	nstruction			Succontract Euc	,, mu		
CHCHET	isti uction						

Date

Report to:
Heather Woods



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





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Practical Solutions for a Better Tomorrow

Analytical Report

Souder Miller Associates - Carlsbad

Project Name: Devo

Devon Tomb Raider 1-12 Fed

#062H

Work Order:

E210002

Job Number:

01058-0007

Received:

10/3/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/5/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/5/22

Heather Woods 201 S Halagueno St. Carlsbad, NM 88220

Project Name: Devon Tomb Raider 1-12 Fed #062H

Workorder: E210002

Date Received: 10/3/2022 12:56:00PM

Heather Woods,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/3/2022 12:56:00PM, under the Project Name: Devon Tomb Raider 1-12 Fed #062H.

The analytical test results summarized in this report with the Project Name: Devon Tomb Raider 1-12 Fed #062H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

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rainaschwanz@envirotech-inc.com

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Office: 505-421-LABS(5227)

Rayny Hagan

Technical Representative

West Texas Midland/Odessa Area

Envirotech Web Address: www.envirotech-inc.com



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Sample Summary

Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	Donoutoda
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/05/22 16:24

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SC-119 R	E210002-01A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SC-120 R	E210002-02A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SC-121 R	E210002-03A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SC-122 R	E210002-04A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SC-123 R	E210002-05A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SC-124 R	E210002-06A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SC-125 R	E210002-07A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SC-128 R	E210002-08A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SC-129 R	E210002-09A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SC-138 R	E210002-10A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SC-140 R	E210002-11A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SC-144 R	E210002-12A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SC-145 R	E210002-13A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SC-147 R	E210002-14A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.

Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:24:25PM

SC-119 R E210002-01

		L210002 01					
	D. I	Reporting		ı.	D 1		N
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2241029
Benzene	ND	0.0250		1	10/03/22	10/03/22	
Ethylbenzene	ND	0.0250		1	10/03/22	10/03/22	
Toluene	ND	0.0250		1	10/03/22	10/03/22	
o-Xylene	ND	0.0250		1	10/03/22	10/03/22	
p,m-Xylene	ND	0.0500		1	10/03/22	10/03/22	
Total Xylenes	ND	0.0250		1	10/03/22	10/03/22	
Surrogate: Bromofluorobenzene		97.7 %	70-130		10/03/22	10/03/22	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130		10/03/22	10/03/22	
Surrogate: Toluene-d8		107 %	70-130		10/03/22	10/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2241029
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/03/22	10/03/22	
Surrogate: Bromofluorobenzene		97.7 %	70-130		10/03/22	10/03/22	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130		10/03/22	10/03/22	
Surrogate: Toluene-d8		107 %	70-130		10/03/22	10/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2241035
Diesel Range Organics (C10-C28)	ND	25.0		1	10/04/22	10/04/22	
Oil Range Organics (C28-C36)	ND	50.0		1	10/04/22	10/04/22	
Surrogate: n-Nonane		111 %	50-200		10/04/22	10/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2241026
Chloride	44.2	20.0		1	10/03/22	10/03/22	



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:24:25PM

SC-120 R E210002-02

		E210002-02					
Analyte	Result	Reporting Limit	Dilut	tion	Duomonod	A malarga J	Notes
Analyte	Kesuit	Limit	ווענ	поп	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY			Batch: 2241029
Benzene	ND	0.0250	1	ļ	10/03/22	10/03/22	
Ethylbenzene	ND	0.0250	1		10/03/22	10/03/22	
Toluene	ND	0.0250	1		10/03/22	10/03/22	
o-Xylene	ND	0.0250	1		10/03/22	10/03/22	
p,m-Xylene	ND	0.0500	1		10/03/22	10/03/22	
Total Xylenes	ND	0.0250	1	l	10/03/22	10/03/22	
Surrogate: Bromofluorobenzene		95.8 %	70-130		10/03/22	10/03/22	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130		10/03/22	10/03/22	
Surrogate: Toluene-d8		106 %	70-130		10/03/22	10/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY			Batch: 2241029
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	10/03/22	10/03/22	
Surrogate: Bromofluorobenzene		95.8 %	70-130		10/03/22	10/03/22	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130		10/03/22	10/03/22	
Surrogate: Toluene-d8		106 %	70-130		10/03/22	10/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL			Batch: 2241035
Diesel Range Organics (C10-C28)	ND	25.0	1		10/04/22	10/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	10/04/22	10/04/22	
Surrogate: n-Nonane		111 %	50-200		10/04/22	10/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KI			Batch: 2241026
Chloride	67.2	20.0	1		10/03/22	10/03/22	



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:24:25PM

SC-121 R E210002-03

		E210002-05					
	D 1	Reporting			D 1		27.
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY	?		Batch: 2241029
Benzene	ND	0.0250	1		10/03/22	10/03/22	
Ethylbenzene	ND	0.0250	1		10/03/22	10/03/22	
Toluene	ND	0.0250	1		10/03/22	10/03/22	
o-Xylene	ND	0.0250	1		10/03/22	10/03/22	
p,m-Xylene	ND	0.0500	1		10/03/22	10/03/22	
Total Xylenes	ND	0.0250	1		10/03/22	10/03/22	
Surrogate: Bromofluorobenzene		96.5 %	70-130		10/03/22	10/03/22	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130		10/03/22	10/03/22	
Surrogate: Toluene-d8		105 %	70-130		10/03/22	10/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY	7		Batch: 2241029
Gasoline Range Organics (C6-C10)	ND	20.0	1		10/03/22	10/03/22	
Surrogate: Bromofluorobenzene		96.5 %	70-130		10/03/22	10/03/22	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130		10/03/22	10/03/22	
Surrogate: Toluene-d8		105 %	70-130		10/03/22	10/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JI			Batch: 2241035
Diesel Range Organics (C10-C28)	ND	25.0	1		10/04/22	10/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1		10/04/22	10/04/22	
Surrogate: n-Nonane		110 %	50-200		10/04/22	10/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: K	L		Batch: 2241026
Chloride	31.5	20.0	1		10/03/22	10/03/22	



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:24:25PM

SC-122 R E210002-04

		E210002-04					
Analyte	Result	Reporting Limit	Dilut	tion D	momono d	A malayra J	Notes
Analyte	Kesuit	Limit	ווענ	uon P	repared	Analyzed	notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY			Batch: 2241029
Benzene	ND	0.0250	1	10	0/03/22	10/03/22	
Ethylbenzene	ND	0.0250	1	10	0/03/22	10/03/22	
Toluene	ND	0.0250	1	10	0/03/22	10/03/22	
o-Xylene	ND	0.0250	1	10	0/03/22	10/03/22	
p,m-Xylene	ND	0.0500	1	10	0/03/22	10/03/22	
Total Xylenes	ND	0.0250	1	10	0/03/22	10/03/22	
Surrogate: Bromofluorobenzene		96.9 %	70-130	10	0/03/22	10/03/22	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130	10	0/03/22	10/03/22	
Surrogate: Toluene-d8		105 %	70-130	10	0/03/22	10/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY			Batch: 2241029
Gasoline Range Organics (C6-C10)	ND	20.0	1	10	0/03/22	10/03/22	
Surrogate: Bromofluorobenzene		96.9 %	70-130	10	0/03/22	10/03/22	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130	10	0/03/22	10/03/22	
Surrogate: Toluene-d8		105 %	70-130	10	0/03/22	10/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL			Batch: 2241035
Diesel Range Organics (C10-C28)	ND	25.0	1	10	0/04/22	10/04/22	_
Oil Range Organics (C28-C36)	ND	50.0	1	10	0/04/22	10/04/22	
Surrogate: n-Nonane		113 %	50-200	I	0/04/22	10/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL			Batch: 2241026
Chloride	33.5	20.0	1	10	0/03/22	10/03/22	



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:24:25PM

SC-123 R E210002-05

		E210002-03					
	D. Iv	Reporting		<i>.</i> ·	D 1		N
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2241029
Benzene	ND	0.0250	1	1	10/03/22	10/03/22	
Ethylbenzene	ND	0.0250	1	1	10/03/22	10/03/22	
Toluene	ND	0.0250	1	1	10/03/22	10/03/22	
o-Xylene	ND	0.0250	1	1	10/03/22	10/03/22	
p,m-Xylene	ND	0.0500	1	1	10/03/22	10/03/22	
Total Xylenes	ND	0.0250	1	1	10/03/22	10/03/22	
Surrogate: Bromofluorobenzene		96.5 %	70-130		10/03/22	10/03/22	
Surrogate: 1,2-Dichloroethane-d4		92.5 %	70-130		10/03/22	10/03/22	
Surrogate: Toluene-d8		106 %	70-130		10/03/22	10/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2241029
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	10/03/22	10/03/22	
Surrogate: Bromofluorobenzene		96.5 %	70-130		10/03/22	10/03/22	
Surrogate: 1,2-Dichloroethane-d4		92.5 %	70-130		10/03/22	10/03/22	
Surrogate: Toluene-d8		106 %	70-130		10/03/22	10/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2241035
Diesel Range Organics (C10-C28)	32.2	25.0	1	1	10/04/22	10/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	10/04/22	10/04/22	
Surrogate: n-Nonane		110 %	50-200	·	10/04/22	10/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2241026
Chloride	21.6	20.0	1	1	10/03/22	10/04/22	
Chioride	21.0	20.0		1	10/03/22	10/04/22	



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:24:25PM

SC-124 R E210002-06

		E210002-00					
	D. Iv	Reporting	D.I.		D 1		N
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2241029
Benzene	ND	0.0250	1	1	10/03/22	10/03/22	
Ethylbenzene	ND	0.0250	1	l	10/03/22	10/03/22	
Toluene	ND	0.0250	1	l	10/03/22	10/03/22	
p-Xylene	ND	0.0250	1	[10/03/22	10/03/22	
p,m-Xylene	ND	0.0500	1	l	10/03/22	10/03/22	
Total Xylenes	ND	0.0250	1	l	10/03/22	10/03/22	
Surrogate: Bromofluorobenzene		96.9 %	70-130		10/03/22	10/03/22	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130		10/03/22	10/03/22	
Surrogate: Toluene-d8		106 %	70-130		10/03/22	10/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2241029
Gasoline Range Organics (C6-C10)	ND	20.0	1	[10/03/22	10/03/22	
Surrogate: Bromofluorobenzene		96.9 %	70-130		10/03/22	10/03/22	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130		10/03/22	10/03/22	
Surrogate: Toluene-d8		106 %	70-130		10/03/22	10/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2241035
Diesel Range Organics (C10-C28)	ND	25.0	1	1	10/04/22	10/04/22	_
Oil Range Organics (C28-C36)	ND	50.0	1	l	10/04/22	10/04/22	
Surrogate: n-Nonane		112 %	50-200		10/04/22	10/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2241026
Chloride	ND	20.0	1		10/03/22	10/04/22	



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:24:25PM

SC-125 R E210002-07

		2210002 07					
Austra	Dlv	Reporting			D 1	A	N
Analyte	Result	Limit	Dili	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2241029
Benzene	ND	0.0250		1	10/03/22	10/03/22	
Ethylbenzene	ND	0.0250		1	10/03/22	10/03/22	
Toluene	ND	0.0250		1	10/03/22	10/03/22	
o-Xylene	ND	0.0250		1	10/03/22	10/03/22	
p,m-Xylene	ND	0.0500		1	10/03/22	10/03/22	
Total Xylenes	ND	0.0250		1	10/03/22	10/03/22	
Surrogate: Bromofluorobenzene		96.9 %	70-130		10/03/22	10/03/22	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130		10/03/22	10/03/22	
Surrogate: Toluene-d8		106 %	70-130		10/03/22	10/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2241029
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/03/22	10/03/22	
Surrogate: Bromofluorobenzene		96.9 %	70-130		10/03/22	10/03/22	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130		10/03/22	10/03/22	
Surrogate: Toluene-d8		106 %	70-130		10/03/22	10/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2241035
Diesel Range Organics (C10-C28)	ND	25.0		1	10/04/22	10/04/22	
Oil Range Organics (C28-C36)	ND	50.0		1	10/04/22	10/04/22	
Surrogate: n-Nonane		112 %	50-200		10/04/22	10/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2241026
Chloride	ND	20.0		1	10/03/22	10/04/22	



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:24:25PM

SC-128 R E210002-08

Analyte	Result	Reporting Limit		ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			Batch: 2241029
Benzene	ND	0.0250		1	10/03/22	10/03/22	
Ethylbenzene	ND	0.0250		1	10/03/22	10/03/22	
Toluene	ND	0.0250		1	10/03/22	10/03/22	
o-Xylene	ND	0.0250		1	10/03/22	10/03/22	
p,m-Xylene	ND	0.0500		1	10/03/22	10/03/22	
Total Xylenes	ND	0.0250		1	10/03/22	10/03/22	
Surrogate: Bromofluorobenzene		96.1 %	70-130		10/03/22	10/03/22	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130		10/03/22	10/03/22	
Surrogate: Toluene-d8		105 %	70-130		10/03/22	10/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2241029
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/03/22	10/03/22	
Surrogate: Bromofluorobenzene		96.1 %	70-130		10/03/22	10/03/22	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130		10/03/22	10/03/22	
Surrogate: Toluene-d8		105 %	70-130		10/03/22	10/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2241035
Diesel Range Organics (C10-C28)	27.0	25.0		1	10/04/22	10/04/22	
Oil Range Organics (C28-C36)	56.5	50.0	1	1	10/04/22	10/04/22	
Surrogate: n-Nonane		114 %	50-200		10/04/22	10/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2241026
Chloride	ND	20.0		1	10/03/22	10/04/22	



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:24:25PM

SC-129 R E210002-09

		E210002-09					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	-	Analyst: I	Y		Batch: 2241029
Benzene	ND	0.0250	1	1	10/03/22	10/03/22	
Ethylbenzene	ND	0.0250	1	1	10/03/22	10/03/22	
Toluene	ND	0.0250	1	1	10/03/22	10/03/22	
o-Xylene	ND	0.0250	1	1	10/03/22	10/03/22	
p,m-Xylene	ND	0.0500	1	1	10/03/22	10/03/22	
Total Xylenes	ND	0.0250	1	1	10/03/22	10/03/22	
Surrogate: Bromofluorobenzene		98.5 %	70-130		10/03/22	10/03/22	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130		10/03/22	10/03/22	
Surrogate: Toluene-d8		104 %	70-130		10/03/22	10/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: I	Y		Batch: 2241029
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	10/03/22	10/03/22	
Surrogate: Bromofluorobenzene		98.5 %	70-130		10/03/22	10/03/22	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130		10/03/22	10/03/22	
Surrogate: Toluene-d8		104 %	70-130		10/03/22	10/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: J	L		Batch: 2241035
Diesel Range Organics (C10-C28)	31.8	25.0	1	1	10/04/22	10/04/22	
Oil Range Organics (C28-C36)	71.7	50.0	1	1	10/04/22	10/04/22	
Surrogate: n-Nonane		113 %	50-200		10/04/22	10/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: k	KL		Batch: 2241026
Chloride	88.3	20.0	1	1	10/03/22	10/04/22	_



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:24:25PM

SC-138 R E210002-10

	E210002-10					
Pagult			tion	Droparad	Analyzad	Notes
Resuit	LIIIII	Dilu	шоп	rrepared	Ananyzeu	Notes
mg/kg	mg/kg	I	Analyst: IY	Y		Batch: 2241029
ND	0.0250	1	l	10/03/22	10/03/22	
ND	0.0250	1	l	10/03/22	10/03/22	
ND	0.0250	1	l	10/03/22	10/03/22	
ND	0.0250	1	I	10/03/22	10/03/22	
ND	0.0500	1	I	10/03/22	10/03/22	
ND	0.0250	1	l	10/03/22	10/03/22	
	97.2 %	70-130		10/03/22	10/03/22	
	97.5 %	70-130		10/03/22	10/03/22	
	104 %	70-130		10/03/22	10/03/22	
mg/kg	mg/kg	1	Analyst: IY	Y		Batch: 2241029
ND	20.0	1	l	10/03/22	10/03/22	
	97.2 %	70-130		10/03/22	10/03/22	
	97.5 %	70-130		10/03/22	10/03/22	
	104 %	70-130		10/03/22	10/03/22	
mg/kg	mg/kg	ı	Analyst: JI			Batch: 2241035
ND	25.0	1		10/04/22	10/04/22	
ND	50.0	1	[10/04/22	10/04/22	
·	109 %	50-200		10/04/22	10/04/22	
mg/kg	mg/kg	1	Analyst: K	L		Batch: 2241026
46.8	20.0	1	1	10/03/22	10/04/22	
	ND Mg/kg ND Mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 97.2 % 97.5 % 104 % mg/kg ND 20.0 97.2 % 97.5 % 104 % 104 % mg/kg mg/kg ND 25.0 ND 50.0 109 % mg/kg mg/kg mg/kg	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 97.2 % 70-130 97.5 % 70-130 104 % 70-130 97.2 % 70-130 97.5 % 70-130 97.5 % 70-130 104 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0 109 % 50-200 mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analyst: IV ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0500 1 ND 0.0250 1 97.2 % 70-130 97.5 % 70-130 104 % 70-130 mg/kg mg/kg Analyst: IV ND 20.0 1 97.2 % 70-130 1 97.5 % 70-130 1 mg/kg mg/kg Analyst: II ND 25.0 1 ND 50.0 1 109 % 50-200 mg/kg Mg/kg Analyst: K	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 10/03/22 ND 0.0250 1 10/03/22 ND 0.0250 1 10/03/22 ND 0.0500 1 10/03/22 ND 0.0250 1 10/03/22 ND 0.0250 1 10/03/22 ND 70-130 10/03/22 97.2 % 70-130 10/03/22 104 % 70-130 10/03/22 mg/kg mg/kg Analyst: IY ND 20.0 1 10/03/22 97.2 % 70-130 10/03/22 97.5 % 70-130 10/03/22 97.5 % 70-130 10/03/22 104 % 70-130 10/03/22 mg/kg mg/kg Analyst: JL ND 25.0 1 10/04/22 ND 50.0 1 10/04/22 mg/kg	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 10/03/22 10/03/22 ND 0.0500 1 10/03/22 10/03/22 ND 0.0250 1 10/03/22 10/03/22 97.2 % 70-130 10/03/22 10/03/22 97.5 % 70-130 10/03/22 10/03/22 mg/kg mg/kg Analyst: IY ND 20.0 1 10/03/22 10/03/22 97.5 % 70-130 10/03/22 10/03/22 97.5 % 70-130 10/03/22 10/03/22 97.5 % 70-130 10/03/22 10/03/22 104 % 70-130 10/03/22 10/03/22 104 % 70-130



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:24:25PM

SC-140 R E210002-11

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2241029
Benzene	ND	0.0250		1	10/03/22	10/03/22	
Ethylbenzene	ND	0.0250		1	10/03/22	10/03/22	
Toluene	ND	0.0250		1	10/03/22	10/03/22	
p-Xylene	ND	0.0250		1	10/03/22	10/03/22	
o,m-Xylene	ND	0.0500		1	10/03/22	10/03/22	
Total Xylenes	ND	0.0250		1	10/03/22	10/03/22	
Surrogate: Bromofluorobenzene		95.7 %	70-130		10/03/22	10/03/22	
Surrogate: 1,2-Dichloroethane-d4		92.1 %	70-130		10/03/22	10/03/22	
Surrogate: Toluene-d8		104 %	70-130		10/03/22	10/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2241029
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/03/22	10/03/22	
Surrogate: Bromofluorobenzene		95.7 %	70-130		10/03/22	10/03/22	
Surrogate: 1,2-Dichloroethane-d4		92.1 %	70-130		10/03/22	10/03/22	
Surrogate: Toluene-d8		104 %	70-130		10/03/22	10/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2241035
Diesel Range Organics (C10-C28)	ND	25.0		1	10/04/22	10/05/22	
Oil Range Organics (C28-C36)	ND	50.0		1	10/04/22	10/05/22	
Surrogate: n-Nonane		110 %	50-200		10/04/22	10/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2241026
Chloride	ND	20.0		1	10/03/22	10/04/22	



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:24:25PM

SC-144 R E210002-12

		E210002-12					
		Reporting					
Analyte	Result	Limit	Dilt	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2241029
Benzene	ND	0.0250		1	10/03/22	10/03/22	
Ethylbenzene	ND	0.0250		1	10/03/22	10/03/22	
Toluene	ND	0.0250		1	10/03/22	10/03/22	
o-Xylene	ND	0.0250		1	10/03/22	10/03/22	
p,m-Xylene	ND	0.0500		1	10/03/22	10/03/22	
Total Xylenes	ND	0.0250		1	10/03/22	10/03/22	
Surrogate: Bromofluorobenzene		97.6 %	70-130		10/03/22	10/03/22	
Surrogate: 1,2-Dichloroethane-d4		91.7 %	70-130		10/03/22	10/03/22	
Surrogate: Toluene-d8		106 %	70-130		10/03/22	10/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2241029
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/03/22	10/03/22	
Surrogate: Bromofluorobenzene		97.6 %	70-130		10/03/22	10/03/22	
Surrogate: 1,2-Dichloroethane-d4		91.7 %	70-130		10/03/22	10/03/22	
Surrogate: Toluene-d8		106 %	70-130		10/03/22	10/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2241035
Diesel Range Organics (C10-C28)	ND	25.0		1	10/04/22	10/05/22	_
Oil Range Organics (C28-C36)	ND	50.0		1	10/04/22	10/05/22	
Surrogate: n-Nonane		111 %	50-200		10/04/22	10/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2241026
Chloride	115	20.0		1	10/03/22	10/04/22	



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:24:25PM

SC-145 R E210002-13

		E210002-15					
	D 1:	Reporting	F."		D 1		N.
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		Batch: 2241029
Benzene	ND	0.0250	1	l	10/03/22	10/03/22	
Ethylbenzene	ND	0.0250	1	l	10/03/22	10/03/22	
Toluene	ND	0.0250	1	l	10/03/22	10/03/22	
o-Xylene	ND	0.0250	1	l	10/03/22	10/03/22	
o,m-Xylene	ND	0.0500	1	l	10/03/22	10/03/22	
Total Xylenes	ND	0.0250	1	l	10/03/22	10/03/22	
Surrogate: Bromofluorobenzene		97.6 %	70-130		10/03/22	10/03/22	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		10/03/22	10/03/22	
Surrogate: Toluene-d8		106 %	70-130		10/03/22	10/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: I	Y		Batch: 2241029
Gasoline Range Organics (C6-C10)	ND	20.0	1	Į	10/03/22	10/03/22	
Surrogate: Bromofluorobenzene		97.6 %	70-130		10/03/22	10/03/22	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		10/03/22	10/03/22	
Surrogate: Toluene-d8		106 %	70-130		10/03/22	10/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: J	L		Batch: 2241035
Diesel Range Organics (C10-C28)	26.4	25.0	1		10/04/22	10/05/22	
Dil Range Organics (C28-C36)	ND	50.0	1	[10/04/22	10/05/22	
Surrogate: n-Nonane		115 %	50-200		10/04/22	10/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	KL		Batch: 2241026
Chloride	125	20.0	1		10/03/22	10/04/22	



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:24:25PM

SC-147 R E210002-14

		E210002-14					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Analyte	Result	Limit	Diit	шиоп	rrepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2241029
Benzene	ND	0.0250		1	10/03/22	10/03/22	
Ethylbenzene	ND	0.0250		1	10/03/22	10/03/22	
Toluene	ND	0.0250		1	10/03/22	10/03/22	
p-Xylene	ND	0.0250		1	10/03/22	10/03/22	
p,m-Xylene	ND	0.0500		1	10/03/22	10/03/22	
Total Xylenes	ND	0.0250		1	10/03/22	10/03/22	
Surrogate: Bromofluorobenzene		97.4 %	70-130		10/03/22	10/03/22	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130		10/03/22	10/03/22	
Surrogate: Toluene-d8		104 %	70-130		10/03/22	10/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2241029
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/03/22	10/03/22	
Surrogate: Bromofluorobenzene		97.4 %	70-130		10/03/22	10/03/22	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130		10/03/22	10/03/22	
Surrogate: Toluene-d8		104 %	70-130		10/03/22	10/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2241035
Diesel Range Organics (C10-C28)	ND	25.0		1	10/04/22	10/05/22	
Oil Range Organics (C28-C36)	ND	50.0		1	10/04/22	10/05/22	
Surrogate: n-Nonane		116 %	50-200		10/04/22	10/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2241026
Chloride	ND	20.0		1	10/03/22	10/04/22	



QC Summary Data

Souder Miller Associates - Carlsbad Project Name: Devon Tomb Raider 1-12 Fed #062H Reported:
201 S Halagueno St. Project Number: 01058-0007
Carlsbad NM, 88220 Project Manager: Heather Woods 10/5/2022 4:24:25PM

Carlsbad NM, 88220		Project Manage	r: He	eather Woods				10	/5/2022 4:24:25PN
	V	olatile Organ	ic Compo	unds by EI	PA 82601	В			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2241029-BLK1)						I	Prepared: 10	0/03/22 Ana	lyzed: 10/03/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.474		0.500		94.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		99.0	70-130			
Surrogate: Toluene-d8	0.527		0.500		105	70-130			
LCS (2241029-BS1)						I	Prepared: 10	0/03/22 Ana	lyzed: 10/03/22
Benzene	2.08	0.0250	2.50		83.2	70-130			
Ethylbenzene	2.12	0.0250	2.50		84.7	70-130			
Toluene	2.08	0.0250	2.50		83.2	70-130			
o-Xylene	2.02	0.0250	2.50		80.9	70-130			
p,m-Xylene	3.96	0.0500	5.00		79.2	70-130			
Total Xylenes	5.99	0.0250	7.50		79.8	70-130			
Surrogate: Bromofluorobenzene	0.488		0.500		97.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.2	70-130			
Surrogate: Toluene-d8	0.524		0.500		105	70-130			
LCS Dup (2241029-BSD1)						I	Prepared: 10	0/03/22 Ana	lyzed: 10/04/22
Benzene	2.33	0.0250	2.50		93.2	70-130	11.3	23	
Ethylbenzene	2.34	0.0250	2.50		93.7	70-130	10.1	27	
Toluene	2.33	0.0250	2.50		93.2	70-130	11.4	24	
o-Xylene	2.23	0.0250	2.50		89.2	70-130	9.69	27	
p,m-Xylene	4.39	0.0500	5.00		87.8	70-130	10.3	27	
Total Xylenes	6.62	0.0250	7.50		88.3	70-130	10.1	27	
Surrogate: Bromofluorobenzene	0.495		0.500		99.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
×									

0.500

105

70-130



Surrogate: Toluene-d8

0.525

QC Summary Data

Souder Miller Associates - CarlsbadProject Name:Devon Tomb Raider 1-12 Fed #062HReported:201 S Halagueno St.Project Number:01058-0007Carlsbad NM, 88220Project Manager:Heather Woods10/5/2022 4:24:25PM

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

Blank (2241029-BLK1)						Prepared: 1	0/03/22 A	nalyzed: 10/03/22
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: Bromofluorobenzene	0.474		0.500	94.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500	99.0	70-130			
Surrogate: Toluene-d8	0.527		0.500	105	70-130			
LCS (2241029-BS2)						Prepared: 1	0/03/22 A	nalyzed: 10/04/22
Gasoline Range Organics (C6-C10)	51.7	20.0	50.0	103	70-130			
Surrogate: Bromofluorobenzene	0.496		0.500	99.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500	97.1	70-130			
Surrogate: Toluene-d8	0.531		0.500	106	70-130			
LCS Dup (2241029-BSD2)						Prepared: 1	0/03/22 A	nalyzed: 10/04/22
Gasoline Range Organics (C6-C10)	52.4	20.0	50.0	105	70-130	1.25	20	
Surrogate: Bromofluorobenzene	0.492		0.500	98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500	95.9	70-130			
Surrogate: Toluene-d8	0.535		0.500	107	70-130			



QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	Reported:
201 S Halagueno St.	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:24:25PM

Carlsbad NM, 88220		Project Manage	r: He	eather Woods					10/5/2022 4:24:25PN
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2241035-BLK1)							Prepared: 1	0/04/22 Ar	nalyzed: 10/04/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.6		50.0		113	50-200			
LCS (2241035-BS1)							Prepared: 1	0/04/22 Ar	nalyzed: 10/04/22
Diesel Range Organics (C10-C28)	223	25.0	250		89.2	38-132			
Surrogate: n-Nonane	56.2		50.0		112	50-200			
Matrix Spike (2241035-MS1)				Source:	E210002-	06	Prepared: 1	0/04/22 Ar	nalyzed: 10/04/22
Diesel Range Organics (C10-C28)	238	25.0	250	ND	95.0	38-132			
Surrogate: n-Nonane	54.2		50.0		108	50-200			
Matrix Spike Dup (2241035-MSD1)				Source:	E210002-	06	Prepared: 1	0/04/22 Ar	nalyzed: 10/04/22
Diesel Range Organics (C10-C28)	233	25.0	250	ND	93.1	38-132	2.05	20	
Surrogate: n-Nonane	56.6		50.0		113	50-200			



LCS Dup (2241026-BSD1)

Chloride

262

Prepared: 10/03/22 Analyzed: 10/03/22

20

QC Summary Data

Souder Miller Associates - Carlsbad 201 S Halagueno St.		Project Name: Project Number:		Devon Tomb Ra 01058-0007	nider 1-12	Fed #062	Н		Reported:
Carlsbad NM, 88220		Project Manager	:	Heather Woods					10/5/2022 4:24:25PM
		Anions	by EPA	300.0/9056	1				Analyst: KL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2241026-BLK1)							Prepared: 1	0/03/22 A	nalyzed: 10/03/22
Chloride	ND	20.0							
LCS (2241026-BS1)							Prepared: 1	0/03/22 A	nalyzed: 10/03/22
Chloride	261	20.0	250		104	90-110			

250

20.0

105

90-110

0.178

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/05/22 16:24

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project In	formation			
Client: 5	ouder, 1	u:iler	. Asso	ciales
Project N	Devon Ter Manager:	nb Raio	ter 1-12	Fed # CLOZ+
	2015.			3
	e, Zip Ca			8220
	505)71			Leading
	1000	0013 (8 50	uderm.	ler.com
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID
1301	9/30/22	5	1	SC-1

9/30/22

9/30/22

9/30/22

9/30/22

9/30/22

9/30/22

9/30/22

9/30/22

1303

1305

1317

1309

1310

1312

1345

1347

1342

5

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5

5

5

S

S

S

5

Chain of Custody

Report Attention

WO # 20995421

Report due by: Devon

Attention:

City, State, Zip

Address:

Phone:

Email:

SC-119R

SC-120 R

5C-121R

SC-122 R

5C-123R

SC-124R

5C-125R

SC - 128R

SC-129R

SC-13BR

TAT	E	PA Pr	ogra	m	
1D 3D	RCRA			SD	WA
100					
		NM	CO	UI	AZ
			Rem	arks	
			-	-	
		-			-
	_				-
	the second secon	1D 3D RCRA	1D 3D RCRA CV	1D 3D RCRA CWA Sta NM CO	1D 3D RCRA CWA SD State

Additional Instructions: Please email results to Sarahmay, Schlea @ souder miller. com and Georgeann. G (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or packed in ice at an avg temp a Heathe M. Way time of collection is considered fraud and may be grounds for legal action. Sampled by: Religguished by: (Signature) Received by: (Signature) Lab Use Only 10/3/22 1253 Received on ice: Relinquished by: (Signature) T3 AVG Temp °C Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



5795 US Highway 64, Farmington, NM 87401

Ph (505) 632-1881 Fx (505) 632-1855

Lab Use Only

Job Number 01028-000,

Analysis and Meth

Chloride 300.0

Baboc

X

X

X

X

Lab WO# PE210002

DRO/ORO by 8015 GRO/DRO by 8015

Lab

Number

2

8

envirotech-inc.com labadmin@envirotech inc.com

24 Hour Emergency Response Phone (800) 352-1879

Received by OCD: 4/25/2023 12:52:09 PM

Client: Souder, Miller : Associates				Chain o	of Custody								Z-DAY		age 2	_ of _ Z	
lient: 5	ouder, M	iller ?	Associa	tes	Report Attention	1			12	h Us	e On	lv		TAT		PA Progr	am
roject:	Devon To	mb Raid	der 1-12	Fed #OLEZH	Report due by: Devon		Lab	WO#			Job N		er	1D 3D	RCRA	CWA	SDWA
roject N	/lanager: P	teather	Woods	<u> </u>	Attention:		PE	WO#	000	2			7000		1,120,0	4.12.1	44.11
Address:	2015.	Halagi	reno		Address:		100						d Method			St	ate
City, Stat	e, Zip Ca	risbac	MW, I	<u>88220</u>	City, State, Zip		8015	115							441	NM CC	UT A
	505) 711				Phone:		3y 8C	oy 80	21	0		0.0	20				
		bods &	souder	miller.com	Email: WO# 2099542	.1	RO	RO	v 80	8260	601	e 30	0				
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID		Lab Number	DRO/ORO by	GRO/DRO by 8015	BTEX by 8021	VOC by	Metals 6010	Chloride 300.0	BGD			Rei	marks
1340	9/30/22	5	1	50-140	R	11							X				
1338	9/30/22	5	1	SC-14L	IR	12							X				
	9/30/22	5	l	SC - 14	5 R	13							X				
1246	9/30/22	5	(5C-14	7 R	14							Х				
ddition	al Instruct	ions:															
				his sample. I am aware the		nple location, date or								vation must be red e 0 but less than t			mpled or receiv
Dia	ed by: (Signated M.)	ub	Date 10	13/22 Time	Received by: (Signature) Received by: (Signature)	J 10/3/	22	Time	:5	0	Rece	ived	on ice:	Y)/ N	e Only		
elinquishe	ed by: (Signa	ture)	Date	Time	Received by: (Signature)	Date		Time			T1 AVG	Tem	°c U	<u>T2</u>		<u>T3</u>	
smale Man	riv: S - Soil Sd	- Solid Sp -	Sludge A - A	queous, O - Other		Containe	Tues	- S27 2	d'anna								



Ph (505) 632-1881 Fx (505) 632-1855

envirotech-inc com labadmin@envirolech inc.com

Printed: 10/3/2022 2:16:32PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Phone: 1004/32 13.02 1004/32 13.02 1004/32 13.00 2 day TAY) 1004/32 13.00 2 day TAY 1004/32 13.00	
Lakin of Custedy (COC) 1. Does the sample ID match the COC? 2. Does the number of samples pre sampling site location match the COC 3. Were sample stopped off by client or carrier? 4. Was the COC complete, i.e., signatures, date-vitimes, requested analyses? 5. Were all samples received within holding time? Note Analysis, such as fight which should be conducted in the field, i.e., 15 minute hold time, are not included in this diseases. Sample Turn Armond Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? 7. Was a sample cooler received? 7. Was a sample cooler received? 8. If yes, was cooler received in good condition? 9. Was the sample(s) received induct, i.e., not broken? 9. Was the sample (so) received induct, i.e., not broken? 10. Were custedy/security seals present? 10. Were custedy/security seals present? 11. If yes, were custody/security seals intact? 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received wil 15 minutes of sampling 11. If no visible ice, record the temperature. Actual sample temperature: 4°C Nample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? No a rapide solution in the samples were preserved? 17. Was a rip blank (TB) included for VOC analyses? No a sample ID? Date Time Collected in Containers? No Date Time Collected of the Correct containers? Yes Date Time Collected? Ouver field sample labels filled out with the minimum information: Sample Preservation 11. Dees the COC or field labels indicate the samples were preserved? No Date Time Collected? No Were field sample labels filled out with the minimum information: No Date Time Collected? No Were field sample labels indicate the samples were preserved? No Date Time Collected? No Were field sample have more than one phase, i.e., multiphase? No Date Time Collected? No Course the preserved? No Course the preserved? No Course the preserved of the correct containers? No Course the preserved	
1. Does the sample ID match the COC? 2. Does the number of samplines per sampling site location match the COC 3. Does the number of samplines per sampling site location match the COC 3. Were samples dropped off by eliginatures, datase/simes, requested analyses? 4. Wiss the COC complete, i.e., signatures, datase/simes, requested analyses? 5. Were all samples received within holding time? 6. Note: Analysis, such as pH which should be conduced in the field, i.e. 15 minute hold time, use on trickled of in this discussion. Sample Lim Around Time CIAD 6. Did the COC indicate standard TAT, or Expedited TAT? 7. Was a sample cooler received? 7. Was a sample cooler received? 8. If yes, was cooler received in good condition? 9. Was the sample(s) received intuct, i.e., not broken? 9. Was the sample feevied on its? If yes, the recorded temp is 4°C, i.e., 6°s2°C 9. Was the sample received on its? If yes, the recorded temp is 4°C, i.e., 6°s2°C 7. Was the sample received on its? If yes, the recorded temp is 4°C, i.e., 6°s2°C 7. Was the sample received on its? If yes, the recorded temp is 4°C, i.e., 6°s2°C 7. Was the sample received on its? If yes, the recorded temp is 4°C, i.e., 6°s2°C 7. Was a sample cooler received in the correct containers? 9. Was the sample received on its? If yes, the recorded temp is 4°C, i.e., 6°s2°C 7. Were floor of sampling 13. If no visible ice, record the temperature. Actual sample temperature: \$\frac{4}{2}C}\$ 8. Analogo Containers 14. Are aqueous VOC samples collected in VOA Visils? 15. Are VOC samples collected in the Correct containers? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the paperpiate volume/weight or number of sample containers collected? 19. Sample ID? 19. Date frime Collected? 20. Were field sample labels filled out with the minimum information: 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(y) correctly prese	
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29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na	
Client Instruction	

Signature of client authorizing changes to the COC or sample disposition.

Report to:
Heather Woods



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Souder Miller Associates - Carlsbad

Project Name: Devon Tomb Raider 1-12 Fed

#062H

Work Order: E210003

Job Number: 01058-0007

Received: 10/3/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/5/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/5/22

Heather Woods 201 S Halagueno St. Carlsbad, NM 88220

Project Name: Devon Tomb Raider 1-12 Fed #062H

Workorder: E210003

Date Received: 10/3/2022 12:55:00PM

Heather Woods,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/3/2022 12:55:00PM, under the Project Name: Devon Tomb Raider 1-12 Fed #062H.

The analytical test results summarized in this report with the Project Name: Devon Tomb Raider 1-12 Fed #062H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

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Envirotech Web Address: www.envirotech-inc.com



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Sample Summary

Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	Donoutoda
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/05/22 16:50

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS-16	E210003-01A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-17	E210003-02A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-18	E210003-03A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-19	E210003-04A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-20	E210003-05A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-21	E210003-06A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-22	E210003-07A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-23	E210003-08A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-24	E210003-09A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-25	E210003-10A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-26	E210003-11A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-27	E210003-12A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-28	E210003-13A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-29	E210003-14A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-30	E210003-15A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-31	E210003-16A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-32	E210003-17A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-33	E210003-18A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-34	E210003-19A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-35	E210003-20A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:50:09PM

SS-16 E210003-01

		Reporting					
Analyte	Result	Limit	Dilut	tion I	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY			Batch: 2241030
Benzene	ND	0.0250	1	1	10/03/22	10/05/22	
Ethylbenzene	ND	0.0250	1	1	10/03/22	10/05/22	
Toluene	ND	0.0250	1	1	10/03/22	10/05/22	
o-Xylene	ND	0.0250	1	1	10/03/22	10/05/22	
p,m-Xylene	ND	0.0500	1	1	10/03/22	10/05/22	
Total Xylenes	ND	0.0250	1	1	10/03/22	10/05/22	
Surrogate: Bromofluorobenzene		98.5 %	70-130	1	10/03/22	10/05/22	
Surrogate: 1,2-Dichloroethane-d4		92.5 %	70-130	1	10/03/22	10/05/22	
Surrogate: Toluene-d8		106 %	70-130	1	10/03/22	10/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY			Batch: 2241030
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	10/03/22	10/05/22	
Surrogate: Bromofluorobenzene		98.5 %	70-130	1	10/03/22	10/05/22	
Surrogate: 1,2-Dichloroethane-d4		92.5 %	70-130	1	10/03/22	10/05/22	
Surrogate: Toluene-d8		106 %	70-130	1	10/03/22	10/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL			Batch: 2241036
Diesel Range Organics (C10-C28)	ND	25.0	1	1	10/04/22	10/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	10/04/22	10/04/22	
Surrogate: n-Nonane		101 %	50-200	1	10/04/22	10/04/22	
	/1	ma/lra	Δ	Analyst: KL			Batch: 2241025
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	maryst. KL			Datell. 22-1023



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:50:09PM

SS-17 E210003-02

	_	Reporting	_				
Analyte	Result	Limit	Dilut	tion Prep	pared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY			Batch: 2241030
Benzene	ND	0.0250	1	10/0	03/22	10/05/22	
Ethylbenzene	ND	0.0250	1	10/0	03/22	10/05/22	
Toluene	ND	0.0250	1	10/0	03/22	10/05/22	
o-Xylene	ND	0.0250	1	10/0	03/22	10/05/22	
p,m-Xylene	ND	0.0500	1	10/0	03/22	10/05/22	
Total Xylenes	ND	0.0250	1	10/0	03/22	10/05/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130	10/0	03/22	10/05/22	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	10/0	03/22	10/05/22	
Surrogate: Toluene-d8		105 %	70-130	10/0	03/22	10/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY			Batch: 2241030
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/0	03/22	10/05/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130	10/0	03/22	10/05/22	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	10/0	03/22	10/05/22	
Surrogate: Toluene-d8		105 %	70-130	10/0	03/22	10/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL			Batch: 2241036
Diesel Range Organics (C10-C28)	34.4	25.0	1	10/0	04/22	10/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/0	04/22	10/04/22	
Surrogate: n-Nonane		100 %	50-200	10/0	04/22	10/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL			Batch: 2241025



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:50:09PM

SS-18

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY			Batch: 2241030
Benzene	ND	0.0250	1		10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1		10/03/22	10/04/22	
Toluene	ND	0.0250	1		10/03/22	10/04/22	
o-Xylene	ND	0.0250	1		10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1		10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1		10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		91.2 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		93.7 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		94.7 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY			Batch: 2241030
Gasoline Range Organics (C6-C10)	ND	20.0	1		10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		91.2 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		93.7 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		94.7 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL			Batch: 2241036
Diesel Range Organics (C10-C28)	ND	25.0	1		10/04/22	10/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1		10/04/22	10/04/22	
Surrogate: n-Nonane		103 %	50-200		10/04/22	10/04/22	
1 I FID 4 200 0 100 FC 4	mg/kg	mg/kg	1	Analyst: KL			Batch: 2241025
Anions by EPA 300.0/9056A	88	8 8					



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:50:09PM

SS-19

		Reporting					
Analyte	Result	Limit	Dilut	tion P	repared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: IY			Batch: 2241030
Benzene	ND	0.0250	1	1	0/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1	1	0/03/22	10/04/22	
Toluene	ND	0.0250	1	1	0/03/22	10/04/22	
o-Xylene	ND	0.0250	1	1	0/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1	1	0/03/22	10/04/22	
Total Xylenes	ND	0.0250	1	1	0/03/22	10/04/22	
Surrogate: Bromofluorobenzene		104 %	70-130	1	0/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		90.3 %	70-130	1	0/03/22	10/04/22	
Surrogate: Toluene-d8		106 %	70-130	1	0/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY			Batch: 2241030
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	0/03/22	10/04/22	
Surrogate: Bromofluorobenzene		104 %	70-130	1	0/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		90.3 %	70-130	1	0/03/22	10/04/22	
Surrogate: Toluene-d8		106 %	70-130	1	0/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL			Batch: 2241036
Diesel Range Organics (C10-C28)	ND	25.0	1	1	0/04/22	10/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	0/04/22	10/04/22	
Surrogate: n-Nonane	·	106 %	50-200	1	0/04/22	10/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL			Batch: 2241025



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:50:09PM

SS-20

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2241030
Benzene	ND	0.0250	1		10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1		10/03/22	10/04/22	
Toluene	ND	0.0250	1		10/03/22	10/04/22	
o-Xylene	ND	0.0250	1		10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1		10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1		10/03/22	10/04/22	
Surrogate: Bromofluorobenzene	·	100 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		97.4 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2241030
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		100 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		97.4 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: .	JL		Batch: 2241036
Diesel Range Organics (C10-C28)	ND	25.0	1		10/04/22	10/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	Į.	10/04/22	10/04/22	
Surrogate: n-Nonane		104 %	50-200		10/04/22	10/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2241025



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:50:09PM

SS-21

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2241030
Benzene	ND	0.0250	1	10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/03/22	10/04/22	
Toluene	ND	0.0250	1	10/03/22	10/04/22	
o-Xylene	ND	0.0250	1	10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		87.9 %	70-130	10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		90.0 %	70-130	10/03/22	10/04/22	
Surrogate: Toluene-d8		95.8 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2241030
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		87.9 %	70-130	10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		90.0 %	70-130	10/03/22	10/04/22	
Surrogate: Toluene-d8		95.8 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2241036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/04/22	10/04/22	-
Oil Range Organics (C28-C36)	ND	50.0	1	10/04/22	10/04/22	
Surrogate: n-Nonane		105 %	50-200	10/04/22	10/04/22	
	_					Batch: 2241025
Anions by EPA 300.0/9056A	mg/kg	mg/kg	P	Analyst: KL		Batch: 2241025



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:50:09PM

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		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: l	IY		Batch: 2241030
Benzene	ND	0.0250	1	l	10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1	l	10/03/22	10/04/22	
Toluene	ND	0.0250	1	l	10/03/22	10/04/22	
o-Xylene	ND	0.0250	1	1	10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1	l	10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1	l	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		100 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		92.0 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		95.8 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: l	IY		Batch: 2241030
Gasoline Range Organics (C6-C10)	ND	20.0	1	<u> </u>	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		100 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		92.0 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		95.8 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: J	JL		Batch: 2241036
Diesel Range Organics (C10-C28)	ND	25.0	1		10/04/22	10/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	l	10/04/22	10/04/22	
Surrogate: n-Nonane		106 %	50-200		10/04/22	10/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: l	KL		Batch: 2241025



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:50:09PM

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		Reporting					
Analyte	Result	Limit	Dilı	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2241030
Benzene	ND	0.0250		1	10/03/22	10/04/22	
Ethylbenzene	ND	0.0250		1	10/03/22	10/04/22	
Toluene	ND	0.0250		1	10/03/22	10/04/22	
o-Xylene	ND	0.0250		1	10/03/22	10/04/22	
p,m-Xylene	ND	0.0500		1	10/03/22	10/04/22	
Total Xylenes	ND	0.0250		1	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		96.9 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		91.0 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		107 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2241030
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		96.9 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		91.0 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		107 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2241036
Diesel Range Organics (C10-C28)	ND	25.0		1	10/04/22	10/04/22	
Oil Range Organics (C28-C36)	ND	50.0		1	10/04/22	10/04/22	
Surrogate: n-Nonane		104 %	50-200		10/04/22	10/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2241025
						10/04/22	



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:50:09PM

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	Reporting					
Result	Limit	Di	lution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	IY		Batch: 2241030
ND	0.0250		1	10/03/22	10/04/22	
ND	0.0250		1	10/03/22	10/04/22	
ND	0.0250		1	10/03/22	10/04/22	
ND	0.0250		1	10/03/22	10/04/22	
ND	0.0500		1	10/03/22	10/04/22	
ND	0.0250		1	10/03/22	10/04/22	
	99.1 %	70-130		10/03/22	10/04/22	
	101 %	70-130		10/03/22	10/04/22	
	97.4 %	70-130		10/03/22	10/04/22	
mg/kg	mg/kg		Analyst:	IY		Batch: 2241030
ND	20.0		1	10/03/22	10/04/22	
	99.1 %	70-130		10/03/22	10/04/22	
	101 %	70-130		10/03/22	10/04/22	
	97.4 %	70-130		10/03/22	10/04/22	
mg/kg	mg/kg		Analyst:	JL		Batch: 2241036
ND	25.0		1	10/04/22	10/05/22	
ND	50.0		1	10/04/22	10/05/22	
	106 %	50-200		10/04/22	10/05/22	
	10070					
mg/kg	mg/kg		Analyst:	KL		Batch: 2241025
	mg/kg ND ND ND ND ND ND ND ND Mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 0.0250 MD 99.1 % 101 % 97.4 % MD 20.0 99.1 % 101 % 101 % 97.4 % mg/kg mg/kg Mg/kg mg/kg ND 25.0	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 70-130 101 % 70-130 97.4 % 70-130 mg/kg mg/kg ND 20.0 101 % 70-130 101 % 70-130 97.4 % 70-130 mg/kg mg/kg ND 25.0	mg/kg mg/kg Analyst: ND 0.0250 1 ND 70-130 1 99.1 % 70-130 70-130 mg/kg mg/kg Analyst: 101 % 70-130 70-130 101 % 70-130 70-130 mg/kg mg/kg Analyst: ND 25.0 1	mg/kg mg/kg Analyst: IY ND 0.0250 1 10/03/22 ND 0.0250 1 10/03/22 ND 0.0250 1 10/03/22 ND 0.0250 1 10/03/22 ND 0.0500 1 10/03/22 ND 0.0250 1 10/03/22 ND 70-130 10/03/22 99.1 % 70-130 10/03/22 97.4 % 70-130 10/03/22 mg/kg mg/kg Analyst: IY ND 20.0 1 10/03/22 101 % 70-130 10/03/22 101 % 70-130 10/03/22 97.4 % 70-130 10/03/22 mg/kg mg/kg Analyst: JL ND 25.0 1 10/04/22	mg/kg mg/kg Analyst: IY ND 0.0250 1 10/03/22 10/04/22 ND 0.0500 1 10/03/22 10/04/22 ND 0.0250 1 10/03/22 10/04/22 ND 70-130 10/03/22 10/04/22 101 % 70-130 10/03/22 10/04/22 mg/kg mg/kg Analyst: IY ND 20.0 1 10/03/22 10/04/22 101 % 70-130 10/03/22 10/04/22 101 % 70-130 10/03/22 10/04/22 99.1 % 70-130 10/03/22 10/04/22 101 % 70-130 10/03/22 10/04/22 97.4 % 70-130 10/03/22 10/04/22 mg/kg mg/kg Analyst: JL



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:50:09PM

SS-25 E210003-10

A 14	D. Iv	Reporting		.:	D 1		N.
Analyte	Result	Limit	Dili	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2241030
Benzene	ND	0.0250		1	10/03/22	10/04/22	
Ethylbenzene	ND	0.0250		1	10/03/22	10/04/22	
Toluene	ND	0.0250		1	10/03/22	10/04/22	
o-Xylene	ND	0.0250		1	10/03/22	10/04/22	
p,m-Xylene	ND	0.0500		1	10/03/22	10/04/22	
Total Xylenes	ND	0.0250		1	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		95.5 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		95.8 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2241030
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		95.5 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		95.8 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2241036
Diesel Range Organics (C10-C28)	ND	25.0		1	10/04/22	10/05/22	
Oil Range Organics (C28-C36)	ND	50.0		1	10/04/22	10/05/22	
Surrogate: n-Nonane		102 %	50-200		10/04/22	10/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2241025
Chloride	99.9	20.0		1	10/03/22	10/04/22	



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:50:09PM

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		E210003-11					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2241030
Benzene	0.136	0.0250		1	10/03/22	10/04/22	
Ethylbenzene	1.37	0.0250		1	10/03/22	10/04/22	
Toluene	2.13	0.0250		1	10/03/22	10/04/22	
o-Xylene	3.31	0.0250		1	10/03/22	10/04/22	
p,m-Xylene	4.03	0.0500		1	10/03/22	10/04/22	
Total Xylenes	7.34	0.0250		1	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		94.7 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		106 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2241030
Gasoline Range Organics (C6-C10)	180	20.0		1	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		94.7 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		106 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2241036
Diesel Range Organics (C10-C28)	ND	25.0		1	10/04/22	10/05/22	
Oil Range Organics (C28-C36)	ND	50.0		1	10/04/22	10/05/22	
Surrogate: n-Nonane		101 %	50-200		10/04/22	10/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2241025
Chloride	46.0	20.0		1	10/03/22	10/04/22	



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:50:09PM

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		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2241030
Benzene	ND	0.0250		1	10/03/22	10/04/22	
Ethylbenzene	ND	0.0250		1	10/03/22	10/04/22	
Toluene	ND	0.0250		1	10/03/22	10/04/22	
o-Xylene	ND	0.0250		1	10/03/22	10/04/22	
p,m-Xylene	ND	0.0500		1	10/03/22	10/04/22	
Total Xylenes	ND	0.0250		1	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		96.7 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		94.7 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2241030
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		96.7 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		94.7 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2241036
Diesel Range Organics (C10-C28)	ND	25.0		1	10/04/22	10/05/22	
Oil Range Organics (C28-C36)	ND	50.0		1	10/04/22	10/05/22	
Surrogate: n-Nonane		106 %	50-200		10/04/22	10/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2241025
Chloride	36.6	20.0		1	10/03/22	10/04/22	



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:50:09PM

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		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2241030
Benzene	ND	0.0250	1	10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/03/22	10/04/22	
Toluene	ND	0.0250	1	10/03/22	10/04/22	
o-Xylene	ND	0.0250	1	10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		95.4 %	70-130	10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	10/03/22	10/04/22	
Surrogate: Toluene-d8		97.2 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2241030
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		95.4 %	70-130	10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	10/03/22	10/04/22	
Surrogate: Toluene-d8		97.2 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: JL		Batch: 2241036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/04/22	10/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/04/22	10/05/22	
Surrogate: n-Nonane		106 %	50-200	10/04/22	10/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: KL		Batch: 2241025
Amons by ETA 300.0/3030A						



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:50:09PM

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		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241030	
Benzene	ND	0.0250	1		10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1		10/03/22	10/04/22	
Toluene	ND	0.0250	1		10/03/22	10/04/22	
o-Xylene	ND	0.0250	1		10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1		10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1		10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		98.5 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		96.7 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg		Analyst: IY			Batch: 2241030
Gasoline Range Organics (C6-C10)	ND	20.0	1		10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		98.5 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		96.7 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	A	Analyst: JL			Batch: 2241036
Diesel Range Organics (C10-C28)	ND	25.0	1		10/04/22	10/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1		10/04/22	10/05/22	
Surrogate: n-Nonane		107 %	50-200		10/04/22	10/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL			Batch: 2241025
Amons by ETA 500.0/7030A							



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:50:09PM

SS-30

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	d Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2241030
Benzene	ND	0.0250	1	10/03/22	2 10/04/22	
Ethylbenzene	ND	0.0250	1	10/03/22	2 10/04/22	
Toluene	ND	0.0250	1	10/03/22	2 10/04/22	
o-Xylene	ND	0.0250	1	10/03/22	2 10/04/22	
p,m-Xylene	ND	0.0500	1	10/03/22	2 10/04/22	
Total Xylenes	ND	0.0250	1	10/03/22	2 10/04/22	
Surrogate: Bromofluorobenzene		96.8 %	70-130	10/03/22	2 10/04/22	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130	10/03/22	2 10/04/22	
Surrogate: Toluene-d8		97.1 %	70-130	10/03/22	2 10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2241030
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/22	2 10/04/22	
Surrogate: Bromofluorobenzene		96.8 %	70-130	10/03/22	2 10/04/22	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130	10/03/22	2 10/04/22	
Surrogate: Toluene-d8		97.1 %	70-130	10/03/22	2 10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2241036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/04/22	2 10/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/04/22	2 10/05/22	
Surrogate: n-Nonane		95.3 %	50-200	10/04/22	2 10/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: KL		Batch: 2241025
Allons by EPA 500.0/9050A		- 0				



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:50:09PM

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		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2241030
Benzene	ND	0.0250	1	1	10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1	1	10/03/22	10/04/22	
Toluene	ND	0.0250	1	1	10/03/22	10/04/22	
o-Xylene	ND	0.0250	1	1	10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1	1	10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1	1	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		95.5 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		96.9 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2241030
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		95.5 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		96.9 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	Л		Batch: 2241036
Diesel Range Organics (C10-C28)	53.0	25.0	1	1	10/04/22	10/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	10/04/22	10/05/22	
Surrogate: n-Nonane		105 %	50-200		10/04/22	10/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2241025
		·				10/04/22	



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:50:09PM

SS-32

		Reporting					
Analyte	Result	Limit	Dilut	tion F	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IY			Batch: 2241030
Benzene	ND	0.0250	1	1	0/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1	1	0/03/22	10/04/22	
Toluene	ND	0.0250	1	1	0/03/22	10/04/22	
o-Xylene	ND	0.0250	1	1	0/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1	1	0/03/22	10/04/22	
Total Xylenes	ND	0.0250	1	1	0/03/22	10/04/22	
Surrogate: Bromofluorobenzene		96.9 %	70-130	1	0/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	1	0/03/22	10/04/22	
Surrogate: Toluene-d8		95.3 %	70-130	1	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY			Batch: 2241030
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	0/03/22	10/04/22	
Surrogate: Bromofluorobenzene		96.9 %	70-130	1	10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	1	10/03/22	10/04/22	
Surrogate: Toluene-d8		95.3 %	70-130	1	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL			Batch: 2241036
Diesel Range Organics (C10-C28)	ND	25.0	1	1	0/04/22	10/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	0/04/22	10/05/22	
Surrogate: n-Nonane		99.5 %	50-200	1	0/04/22	10/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL			Batch: 2241025
Chloride	39.9	20.0	1	-	0/03/22	10/04/22	



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:50:09PM

SS-33

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: Γ	Y		Batch: 2241030
Benzene	ND	0.0250	1		10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1	l	10/03/22	10/04/22	
Toluene	ND	0.0250	1	Į.	10/03/22	10/04/22	
o-Xylene	ND	0.0250	1	Į.	10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1	Į.	10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1		10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		97.6 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		96.8 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst: Γ	Y		Batch: 2241030
Gasoline Range Organics (C6-C10)	ND	20.0	1		10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		97.6 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		96.8 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: J	L		Batch: 2241036
Diesel Range Organics (C10-C28)	ND	25.0	1		10/04/22	10/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1		10/04/22	10/05/22	
Surrogate: n-Nonane		98.7 %	50-200		10/04/22	10/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: K	KL .		Batch: 2241025
Amons by ETA 500.0/7050A							



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:50:09PM

SS-34

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2241030
Benzene	ND	0.0250	1	l	10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1	l	10/03/22	10/04/22	
Toluene	ND	0.0250	1	l	10/03/22	10/04/22	
o-Xylene	ND	0.0250	1	l	10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1	[10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1	l	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		94.0 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		96.0 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2241030
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		94.0 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		96.0 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	л		Batch: 2241036
Diesel Range Organics (C10-C28)	ND	25.0	1	1	10/04/22	10/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	[10/04/22	10/05/22	
Surrogate: n-Nonane		106 %	50-200	·	10/04/22	10/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2241025



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:50:09PM

SS-35 E210003-20

		E210005-20				
Analyte	Result	Reporting Limit	Dilut	ion Prepared	Analyzed	Notes
Analyte	Result	Limit		1	Anaryzeu	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2241030
Benzene	ND	0.0250	1	10/03/22	10/05/22	
Ethylbenzene	ND	0.0250	1	10/03/22	10/05/22	
Toluene	ND	0.0250	1	10/03/22	10/05/22	
p-Xylene	ND	0.0250	1	10/03/22	10/05/22	
p,m-Xylene	ND	0.0500	1	10/03/22	10/05/22	
Total Xylenes	ND	0.0250	1	10/03/22	10/05/22	
Surrogate: Bromofluorobenzene		99.3 %	70-130	10/03/22	10/05/22	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130	10/03/22	10/05/22	
Surrogate: Toluene-d8		105 %	70-130	10/03/22	10/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2241030
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/22	10/05/22	
Surrogate: Bromofluorobenzene		99.3 %	70-130	10/03/22	10/05/22	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130	10/03/22	10/05/22	
Surrogate: Toluene-d8		105 %	70-130	10/03/22	10/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2241036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/04/22	10/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/04/22	10/05/22	
Surrogate: n-Nonane		106 %	50-200	10/04/22	10/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL		Batch: 2241025
Chloride	588	20.0	1	10/03/22	10/04/22	



QC Summary Data

Souder Miller Associates - CarlsbadProject Name:Devon Tomb Raider 1-12 Fed #062HReported:201 S Halagueno St.Project Number:01058-0007Carlsbad NM, 88220Project Manager:Heather Woods10/5/2022 4:50:09PM

Carlsbad NM, 88220		Project Number		eather Woods				10/	5/2022 4:50:09PM
	V	olatile Organ	ic Compo	unds by EP	A 82601	В			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2241030-BLK1)]	Prepared: 10	0/03/22 Anal	yzed: 10/04/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.440		0.500		88.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.457		0.500		91.4	70-130			
Surrogate: Toluene-d8	0.594		0.500		119	70-130			
LCS (2241030-BS1)]	Prepared: 10	0/03/22 Anal	yzed: 10/04/22
Benzene	2.18	0.0250	2.50		87.2	70-130			
Ethylbenzene	2.29	0.0250	2.50		91.6	70-130			
Toluene	2.40	0.0250	2.50		95.8	70-130			
o-Xylene	2.40	0.0250	2.50		95.9	70-130			
p,m-Xylene	4.49	0.0500	5.00		89.7	70-130			
Total Xylenes	6.88	0.0250	7.50		91.8	70-130			
Surrogate: Bromofluorobenzene	0.500		0.500		99.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.454		0.500		90.8	70-130			
Surrogate: Toluene-d8	0.540		0.500		108	70-130			
LCS Dup (2241030-BSD1)]	Prepared: 10	0/03/22 Anal	yzed: 10/04/22
Benzene	2.16	0.0250	2.50		86.6	70-130	0.714	23	
Ethylbenzene	2.32	0.0250	2.50		92.6	70-130	1.15	27	
Toluene	2.18	0.0250	2.50		87.1	70-130	9.51	24	
o-Xylene	2.40	0.0250	2.50		95.9	70-130	0.0834	27	
p,m-Xylene	4.63	0.0500	5.00		92.7	70-130	3.19	27	
Total Xylenes	7.03	0.0250	7.50		93.8	70-130	2.12	27	
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			

0.500

0.500

90.6

98.6

70-130

70-130



Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

0.453

0.493

QC Summary Data

Souder Miller Associates - CarlsbadProject Name:Devon Tomb Raider 1-12 Fed #062HReported:201 S Halagueno St.Project Number:01058-0007Carlsbad NM, 88220Project Manager:Heather Woods10/5/2022 4:50:09PM

Nonhalogenated	Organics	by EPA 8015E) - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

Blank (2241030-BLK1)						Prepared: 1	0/03/22 A	nalyzed: 10/04/22
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: Bromofluorobenzene	0.440		0.500	88.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.457		0.500	91.4	70-130			
Surrogate: Toluene-d8	0.594		0.500	119	70-130			
LCS (2241030-BS2)						Prepared: 1	0/03/22 A	nalyzed: 10/04/22
Gasoline Range Organics (C6-C10)	41.4	20.0	50.0	82.8	70-130			
Surrogate: Bromofluorobenzene	0.453		0.500	90.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.444		0.500	88.8	70-130			
Surrogate: Toluene-d8	0.495		0.500	99.0	70-130			
LCS Dup (2241030-BSD2)						Prepared: 1	0/03/22 A	nalyzed: 10/05/22
Gasoline Range Organics (C6-C10)	48.4	20.0	50.0	96.8	70-130	15.6	20	
Surrogate: Bromofluorobenzene	0.502		0.500	100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500	97.1	70-130			
Surrogate: Toluene-d8	0.516		0.500	103	70-130			



QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	Reported:
201 S Halagueno St.	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 4:50:09PM

Carlsbad NM, 88220		Project Manage	r: He	eather Woods]	10/5/2022 4:50:09PN
	Nonha	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2241036-BLK1)							Prepared: 1	0/04/22 An	nalyzed: 10/04/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	51.7		50.0		103	50-200			
LCS (2241036-BS1)							Prepared: 1	0/04/22 An	alyzed: 10/04/22
Diesel Range Organics (C10-C28)	239	25.0	250		95.7	38-132			
urrogate: n-Nonane	51.8		50.0		104	50-200			
Matrix Spike (2241036-MS1)				Source:	E210003-	14	Prepared: 1	0/04/22 An	nalyzed: 10/04/22
Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.9	38-132			
urrogate: n-Nonane	52.7		50.0		105	50-200			
Matrix Spike Dup (2241036-MSD1)				Source:	E210003-	14	Prepared: 1	0/04/22 An	nalyzed: 10/04/22
Diesel Range Organics (C10-C28)	241	25.0	250	ND	96.5	38-132	2.49	20	
urrogate: n-Nonane	52.3		50.0		105	50-200			



QC Summary Data

Souder Miller Associates - Carlsbad 201 S Halagueno St.		Project Name: Project Number:		Devon Tomb Ra 01058-0007	ider 1-12	Fed #062	Н		Reported:
Carlsbad NM, 88220		Project Manager	r:	Heather Woods					10/5/2022 4:50:09PM
		Anions	by EPA	300.0/9056A	\				Analyst: KL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2241025-BLK1)							Prepared: 1	0/03/22 A	nalyzed: 10/04/22
Chloride	ND	20.0							
LCS (2241025-BS1)							Prepared: 10	0/03/22 A	nalyzed: 10/04/22
Chloride	265	20.0	250		106	90-110			
LCS Dup (2241025-BSD1)							Prepared: 10	0/03/22 A	nalyzed: 10/04/22
Chloride	266	20.0	250		107	90-110	0.642	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/05/22 16:50

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



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				-12 Fed #062+	Report due by: Devon		Lab	WO#			Jop I	Num	per	1D	3D	RCRA	CWA	SDWA
	Nanager: \				Attention:		Pr	521	000	23	301058-0007						3.5	
	201 5.				Address:								nd Meth				Sta	ate
	e, Zip Ca			3220	City, State, Zip		315	8015									NM CO	UT AZ
	505)71				Phone:		by 8015)y 8(21	0	0	0.0	U					
Email: H	eather. h	loods @ s	ouderm	iller.com	Email: Wo# 20995421		RO t	RO	/ 80	826	601	e 30	Q					
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID		Lab Number	DRO/ORO	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	36DO				Ren	narks
1008	9/30/22	5	1	55-16		1							X					
1012	9/30/22	5	1	55-17		2							Х					
1014	9/30/22	5	1	55-18		3							×					
1016	9/30/22	5	1	55-19		4							X					
1018	9/30/22	5	1	55-20		5			П				Х					
1020	9/30/22	5	1	55-21		10							X					
	9/30/22		1	55-22		7						П	X		171			
	9/30/22		1	55-23		8							X					
	9/30/22		1	55-24		9					Н		X					
	9/30/22		T	55-25		10							х					
Addition	al Instruc	tions: PL	ease ev	nail result	to Sarahmay Schlea@sou	dernille	r. ca	om	an	d G	ilor	gea	nn.G	ood v	nano	esoud	ermille	r. com
				this sample. I am aware to	nat tampering with or intentionally mislabelling the sample lo											ceived on ice the 6 °C on subseque	day they are sament days.	pled or received
	ed by: (Signa		Date 10	13/22 Time	Received by: (Signature)	Date 10/3/	22	Time):=	5	Rece	ived	on ice:			e Only		
Relinguish	ed by: (Signa	ature)	Date	Time	Received by: (Signature)	Date		Time			T1 AVG	Tem	p°C	4			<u>T3</u>	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other					Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA													
					ner arrangements are made. Hazardous samples will l	be returned to	lient o	r dispo	sed of	at the	client e	expens	e. The re	port for	the anal	vsis of the al	ove samples	is applicable
only to thos	e samples rec	eived by the	laboratory v	vith this COC. The liab	ility of the laboratory is limited to the amount paid fo	r on the report.										· mynered	The state of the s	



Ph (505) 632-1881 Fx (505) 632-1865

envirotech-inc.com labadmin@envirolech inc.com

Project Informat	ion
Client: Souder	M:

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Lab WO#			Z - DAY Use Only TAT Job Number 1D 3D				PA Progr CWA	SDWA	
	by 8015 by 8015	120				d			D UT A
Lab Number	DRO/ORO GRO/DRO	BTEX by 8	VOC by 82	Metals 60	Chloride 3			Re	emarks
11					X				
12					X				
13					X				
14					×				
15					Х				
10					Х				
17					X				
18					X				
19					X				
20					X				
sample location, date or									ampled or receive
Date /3/2	DA Tim	J:E	5		ved on ice:	Lab Us Y) N T2	e Only	Т3	
2.11	T.	1		AVG		4			
	Number 11 12 13 14 15 10 17 18 19 20 sample location, date or Container	21 Lab Number 11 12 13 14 15 10 17 18 19 20 sample location, date or Date Container Type: g- ples will be returned to client or disp	21 Lab Number 11 12 13 14 15 10 17 18 19 20 sample location, date or Date Container Type: g - glass oles will be returned to client or disposed of the sample species will be returned to client or disposed or disposed or disposed or disposed or disposed or dispose	21 Lab Number VI STOR AND	Analysi Analysi Still	Analysis and Metho Store Stor	Analysis and Method To be a sumple location, date or Sample location, date or Date Date Time To be a glass, p - poly/plastic, ag - amber glass, v-oles will be returned to client or disposed of at the client expense. The report for the analoge will be returned to client or disposed of at the client expense. The report for the analoge will be returned to client or disposed of at the client expense. The report for the analoge will be returned to client or disposed of at the client expense. The report for the analoge will be returned to client or disposed of at the client expense. The report for the analoge will be returned to client or disposed of at the client expense. The report for the analoge will be returned to client or disposed of at the client expense. The report for the analoge will be returned to client or disposed of at the client expense. The report for the analoge will be returned to client or disposed of at the client expense. The report for the analoge will be returned to client or disposed of at the client expense. The report for the analoge will be returned to client or disposed of at the client expense. The report for the analoge will be returned to client or disposed of at the client expense. The report for the analoge will be returned to client or disposed of at the client expense. The report for the analoge will be returned to client or disposed of at the client expense.	Analysis and Method 21 Lab Number Number Number Number Sample location, date or Sample location, date or Date Time Time Time Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA Deles will be returned to client or disposed of at the client expense. The report for the analysis of the at least will be returned to client or disposed of at the client expense. The report for the analysis of the at least analysis analysis and analysis of the at least analysis of the at least analysis of the at least analysis of the	Analysis and Method Z1 Lab Number Analysis and Method Re Re NM C1 Analysis and Method Re Re NM C2 Analysis and Method Re Re Re Re Analysis and Method Re Re Re Analysis and Method Re Re Re Re Re Re Analysis and Method Re Re Re Re Analysis and Method Re Re Re Re Re Analysis and Method Re Re Re Re Re Re Analysis and Method Re Re Re Re Re Analysis and Method Re Re Re Re Re Re Analysis and Method Re Re Re Re Re Analysis and Method Re Re Re Re Re Re Analysis and Method Re Re Re Re Re Analysis and Method Re Re Re Re Re Re Analysis and Method Re Re Re Re Re Analysis and Method Re Re Re Re Re Re Analysis and Method Re Re Re Re Re Re Analysis and Method Re Re Re Re Re Re Re Analysis and Method Re Re Re Re Re Re Re Analysis and Method Re Re Re Re Re Re Analysis and Method Re Re Re Re Re Re Re Re Re R



Ph (505) 632-1881 Fx (505) 632-1865

Page 661 of 717

envirotech Inc.

Printed: 10/3/2022 2:27:38PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

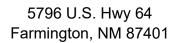
Client:	Souder Miller Associates - Carlsbad	Date Received:	10/03/22 12	:55		Work Order ID:	E210003
Phone:	(575) 200-5443	Date Logged In:	10/03/22 13			Logged In By:	Caitlin Christian
Email:	(676) 200 6116	Due Date:		2:00 (2 day TAT)		Logged III Dy.	Curin Ciribuni
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
2. Does th	ne number of samples per sampling site location ma	tch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: <u>H</u>	Heather Woods		
4. Was the	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi		Yes			<u>Comment</u>	s/Resolution
Sample T	urn Around Time (TAT)						
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Project has	s been separat	ted into 2 reports
Sample C	Cooler				due to sam	nple volume. '	Workorders are as
7. Was a s	sample cooler received?		Yes		follows: E	210003, E210	0004.
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
	were custody/security seals intact?		NA				
12. Was th	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
	Container		_				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers	?	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lab	<u>oel</u>						
20. Were	field sample labels filled out with the minimum info	ormation:					
	ample ID?		Yes				
	ate/Time Collected?		Yes	'			
	ollectors name?		No				
	<u>Preservation</u> the COC or field labels indicate the samples were p	ragamiad9	No				
	ample(s) correctly preserved?	reserveu?	No Na				
	filteration required and/or requested for dissolved n	netals?	NA No				
	•	icuis.	140				
	se Sample Matrix the sample have more than one phase, i.e., multipha	aa9	NT				
	, does the COC specify which phase(s) is to be analy		No				
•		yzeu:	NA				
	act Laboratory						
	amples required to get sent to a subcontract laborato	•	No				
29. Was a	subcontract laboratory specified by the client and is	f so who?	NA S	Subcontract Lab	o: na		
Client Ir	<u>istruction</u>						

Date

Signature of client authorizing changes to the COC or sample disposition.

Report to:
Heather Woods





Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Souder Miller Associates - Carlsbad

Project Name: Devon Tomb Raider 1-12 Fed

#062H

Work Order: E210004

Job Number: 01058-0007

Received: 10/3/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/5/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/5/22

Heather Woods 201 S Halagueno St. Carlsbad, NM 88220

Project Name: Devon Tomb Raider 1-12 Fed #062H

Workorder: E210004

Date Received: 10/3/2022 12:55:00PM

Heather Woods,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/3/2022 12:55:00PM, under the Project Name: Devon Tomb Raider 1-12 Fed #062H.

The analytical test results summarized in this report with the Project Name: Devon Tomb Raider 1-12 Fed #062H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

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Cell: 775-287-1762

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	Reported:
201 S Halagueno St.	Project Number:	01058-0007	Keporteu:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/05/22 17:10

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS-36	E210004-01A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-37	E210004-02A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-38	E210004-03A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-39	E210004-04A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-40	E210004-05A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-41	E210004-06A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-42	E210004-07A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-43	E210004-08A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-44	E210004-09A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-45	E210004-10A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-46	E210004-11A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-47	E210004-12A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-48	E210004-13A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-49	E210004-14A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-50	E210004-15A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-51	E210004-16A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-52	E210004-17A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-53	E210004-18A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-54	E210004-19A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-55	E210004-20A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-56	E210004-21A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-57	E210004-22A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-58	E210004-23A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-59	E210004-24A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-60	E210004-25A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-61	E210004-26A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.
SS-62	E210004-27A	Soil	09/30/22	10/03/22	Glass Jar, 2 oz.

Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 5:10:53PM

SS-36

E21	00	04-	-01
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Reporting								
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2241031	
Benzene	ND	0.0250		1	10/03/22	10/04/22		
Ethylbenzene	ND	0.0250		1	10/03/22	10/04/22		
Toluene	ND	0.0250		1	10/03/22	10/04/22		
o-Xylene	ND	0.0250		1	10/03/22	10/04/22		
p,m-Xylene	ND	0.0500		1	10/03/22	10/04/22		
Total Xylenes	ND	0.0250		1	10/03/22	10/04/22		
Surrogate: Bromofluorobenzene		97.1 %	70-130		10/03/22	10/04/22		
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130		10/03/22	10/04/22		
Surrogate: Toluene-d8		106 %	70-130		10/03/22	10/04/22		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2241031	
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/03/22	10/04/22		
Surrogate: Bromofluorobenzene		97.1 %	70-130		10/03/22	10/04/22		
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130		10/03/22	10/04/22		
Surrogate: Toluene-d8		106 %	70-130		10/03/22	10/04/22		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2241037	
Diesel Range Organics (C10-C28)	ND	25.0		1	10/04/22	10/04/22		
Oil Range Organics (C28-C36)	ND	50.0		1	10/04/22	10/04/22		
Surrogate: n-Nonane		117 %	50-200		10/04/22	10/04/22		
	_			A 14.	VI		Batch: 2241033	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2241033	

Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 5:10:53PM

SS-37

		Reporting					
Analyte	Result	Limit	Dilu	tion 1	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IY			Batch: 2241031
Benzene	ND	0.0250	1		10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1		10/03/22	10/04/22	
Toluene	ND	0.0250	1		10/03/22	10/04/22	
o-Xylene	ND	0.0250	1		10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1		10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1		10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		96.0 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		90.8 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		106 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY			Batch: 2241031
Gasoline Range Organics (C6-C10)	ND	20.0	1		10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		96.0 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		90.8 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		106 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL			Batch: 2241037
Diesel Range Organics (C10-C28)	ND	25.0	1		10/04/22	10/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1		10/04/22	10/04/22	
Surrogate: n-Nonane		114 %	50-200		10/04/22	10/04/22	
	mg/kg	mg/kg	1	Analyst: KL			Batch: 2241033
Anions by EPA 300.0/9056A	mg/ng	<u>6</u> 6					



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 5:10:53PM

SS-38

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IY			Batch: 2241031
Benzene	ND	0.0250	1		10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1		10/03/22	10/04/22	
Toluene	ND	0.0250	1		10/03/22	10/04/22	
o-Xylene	ND	0.0250	1		10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1		10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1		10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		96.3 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		104 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY			Batch: 2241031
Gasoline Range Organics (C6-C10)	ND	20.0	1	Į.	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		96.3 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		104 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL			Batch: 2241037
Diesel Range Organics (C10-C28)	ND	25.0	1		10/04/22	10/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1		10/04/22	10/04/22	
Surrogate: n-Nonane		118 %	50-200		10/04/22	10/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: KL	,		Batch: 2241033
Amons by EFA 500.0/9030A							

Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 5:10:53PM

SS-39

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2241031
Benzene	ND	0.0250	1	10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/03/22	10/04/22	
Toluene	ND	0.0250	1	10/03/22	10/04/22	
o-Xylene	ND	0.0250	1	10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		96.3 %	70-130	10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		93.3 %	70-130	10/03/22	10/04/22	
Surrogate: Toluene-d8		105 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2241031
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		96.3 %	70-130	10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		93.3 %	70-130	10/03/22	10/04/22	
Surrogate: Toluene-d8		105 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2241037
Diesel Range Organics (C10-C28)	ND	25.0	1	10/04/22	10/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/04/22	10/04/22	
Surrogate: n-Nonane		116 %	50-200	10/04/22	10/04/22	
	mg/kg	mg/kg	Α	Analyst: KL		Batch: 2241033
Anions by EPA 300.0/9056A	mg/kg	mg/kg		,		Batem 22 11000



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 5:10:53PM

SS-40

		Reporting					
Analyte	Result	Limit	Dilut	tion 1	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY			Batch: 2241031
Benzene	ND	0.0250	1		10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1		10/03/22	10/04/22	
Toluene	ND	0.0250	1		10/03/22	10/04/22	
o-Xylene	ND	0.0250	1		10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1		10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1		10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		97.2 %	70-130	-	10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		104 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY			Batch: 2241031
Gasoline Range Organics (C6-C10)	ND	20.0	1		10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		97.2 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		104 %	70-130	-	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL			Batch: 2241037
Diesel Range Organics (C10-C28)	ND	25.0	1		10/04/22	10/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1		10/04/22	10/04/22	
Surrogate: n-Nonane		111 %	50-200		10/04/22	10/04/22	
A: L EDA 200 0/005 (A	mg/kg	mg/kg	A	Analyst: KL			Batch: 2241033
Anions by EPA 300.0/9056A	0 0	0 0					



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 5:10:53PM

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		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2241031
Benzene	ND	0.0250		1	10/03/22	10/04/22	
Ethylbenzene	ND	0.0250		1	10/03/22	10/04/22	
Toluene	ND	0.0250		1	10/03/22	10/04/22	
o-Xylene	ND	0.0250		1	10/03/22	10/04/22	
p,m-Xylene	ND	0.0500		1	10/03/22	10/04/22	
Total Xylenes	ND	0.0250		1	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		96.1 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		105 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2241031
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		96.1 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		105 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2241037
Diesel Range Organics (C10-C28)	ND	25.0		1	10/04/22	10/04/22	
Oil Range Organics (C28-C36)	ND	50.0		1	10/04/22	10/04/22	
Surrogate: n-Nonane		108 %	50-200		10/04/22	10/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2241033
Chloride	153	20.0		1	10/03/22	10/04/22	



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 5:10:53PM

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		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IY	•		Batch: 2241031
Benzene	ND	0.0250	1		10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1		10/03/22	10/04/22	
Toluene	ND	0.0250	1		10/03/22	10/04/22	
o-Xylene	ND	0.0250	1		10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1		10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1		10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		98.4 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		106 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY	7		Batch: 2241031
Gasoline Range Organics (C6-C10)	ND	20.0	1		10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		98.4 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		106 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL			Batch: 2241037
Diesel Range Organics (C10-C28)	ND	25.0	1		10/04/22	10/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1		10/04/22	10/04/22	
Surrogate: n-Nonane		111 %	50-200		10/04/22	10/04/22	
	mg/kg	mg/kg	1	Analyst: Kl	L		Batch: 2241033
Anions by EPA 300.0/9056A	mg ng	mg ng					



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 5:10:53PM

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		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2241031
Benzene	ND	0.0250		1	10/03/22	10/04/22	
Ethylbenzene	ND	0.0250		1	10/03/22	10/04/22	
Toluene	ND	0.0250		1	10/03/22	10/04/22	
o-Xylene	ND	0.0250		1	10/03/22	10/04/22	
p,m-Xylene	ND	0.0500		1	10/03/22	10/04/22	
Total Xylenes	ND	0.0250		1	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		98.0 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		106 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2241031
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		98.0 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		106 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: ЛL		Batch: 2241037
Diesel Range Organics (C10-C28)	ND	25.0		1	10/04/22	10/04/22	
Oil Range Organics (C28-C36)	ND	50.0		1	10/04/22	10/04/22	
Surrogate: n-Nonane		115 %	50-200		10/04/22	10/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: KL		Batch: 2241033
	40.0	20.0		1	10/03/22	10/05/22	



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 5:10:53PM

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		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY			Batch: 2241031
Benzene	ND	0.0250	1		10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1		10/03/22	10/04/22	
Toluene	ND	0.0250	1		10/03/22	10/04/22	
o-Xylene	ND	0.0250	1		10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1		10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1		10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		95.5 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		103 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY			Batch: 2241031
Gasoline Range Organics (C6-C10)	ND	20.0	1		10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		95.5 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		103 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL			Batch: 2241037
Diesel Range Organics (C10-C28)	ND	25.0	1		10/04/22	10/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1		10/04/22	10/05/22	
Surrogate: n-Nonane		116 %	50-200		10/04/22	10/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL			Batch: 2241033



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 5:10:53PM

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		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2241031
Benzene	ND	0.0250	1		10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1		10/03/22	10/04/22	
Toluene	ND	0.0250	1	l	10/03/22	10/04/22	
o-Xylene	ND	0.0250	1	l	10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1	l	10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1		10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		96.5 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		105 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2241031
Gasoline Range Organics (C6-C10)	ND	20.0	1		10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		96.5 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		105 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	Л		Batch: 2241037
Diesel Range Organics (C10-C28)	ND	25.0	1		10/04/22	10/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1		10/04/22	10/05/22	
Surrogate: n-Nonane		121 %	50-200		10/04/22	10/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2241033
mions by Elife Colors Cecil							



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 5:10:53PM

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		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2241031
Benzene	ND	0.0250		1	10/03/22	10/04/22	
Ethylbenzene	ND	0.0250		1	10/03/22	10/04/22	
Toluene	ND	0.0250		1	10/03/22	10/04/22	
o-Xylene	ND	0.0250]	1	10/03/22	10/04/22	
p,m-Xylene	ND	0.0500]	1	10/03/22	10/04/22	
Total Xylenes	ND	0.0250	Ī	1	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		98.0 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		103 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2241031
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		98.0 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		103 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2241037
Diesel Range Organics (C10-C28)	ND	25.0		1	10/04/22	10/05/22	
Oil Range Organics (C28-C36)	ND	50.0		1	10/04/22	10/05/22	
Surrogate: n-Nonane		108 %	50-200		10/04/22	10/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2241033
Milons by E171500:0/7030/1							



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 5:10:53PM

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		Reporting					
Analyte	Result	Limit	Dilu	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2241031
Benzene	ND	0.0250		1	10/03/22	10/04/22	
Ethylbenzene	ND	0.0250		1	10/03/22	10/04/22	
Toluene	ND	0.0250]	1	10/03/22	10/04/22	
o-Xylene	ND	0.0250		1	10/03/22	10/04/22	
p,m-Xylene	ND	0.0500]	1	10/03/22	10/04/22	
Total Xylenes	ND	0.0250	Ī	1	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		95.7 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		103 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2241031
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		95.7 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		103 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2241037
Diesel Range Organics (C10-C28)	ND	25.0		1	10/04/22	10/05/22	
Oil Range Organics (C28-C36)	ND	50.0		1	10/04/22	10/05/22	
Surrogate: n-Nonane		108 %	50-200		10/04/22	10/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2241033



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 5:10:53PM

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		Reporting					
Analyte	Result	Limit	Dilut	tion F	repared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY			Batch: 2241031
Benzene	ND	0.0250	1	1	0/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1	1	0/03/22	10/04/22	
Toluene	ND	0.0250	1	1	0/03/22	10/04/22	
o-Xylene	ND	0.0250	1	1	0/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1	1	0/03/22	10/04/22	
Total Xylenes	ND	0.0250	1	1	0/03/22	10/04/22	
Surrogate: Bromofluorobenzene		96.9 %	70-130	1	0/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	1	0/03/22	10/04/22	
Surrogate: Toluene-d8		104 %	70-130	1	0/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY			Batch: 2241031
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	0/03/22	10/04/22	
Surrogate: Bromofluorobenzene		96.9 %	70-130	1	0/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	1	0/03/22	10/04/22	
Surrogate: Toluene-d8		104 %	70-130	1	0/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL			Batch: 2241037
Diesel Range Organics (C10-C28)	ND	25.0	1	1	0/04/22	10/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	0/04/22	10/05/22	
Surrogate: n-Nonane		108 %	50-200	1	0/04/22	10/05/22	
		mg/kg	Δ	Analyst: KL			Batch: 2241033
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	maryst. KL			Batch. 22-11033



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 5:10:53PM

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		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2241031
Benzene	ND	0.0250	1		10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1		10/03/22	10/04/22	
Toluene	ND	0.0250	1		10/03/22	10/04/22	
o-Xylene	ND	0.0250	1		10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1		10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1	l	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene	·	97.2 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		104 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst:	IY		Batch: 2241031
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		97.2 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		104 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: .	JL		Batch: 2241037
Diesel Range Organics (C10-C28)	ND	25.0	1		10/04/22	10/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	Į.	10/04/22	10/05/22	
Surrogate: n-Nonane		110 %	50-200		10/04/22	10/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2241033



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 5:10:53PM

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		Reporting					
Analyte	Result	Limit	Dilut	tion I	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY			Batch: 2241031
Benzene	ND	0.0250	1	1	10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1	1	10/03/22	10/04/22	
Toluene	ND	0.0250	1	1	10/03/22	10/04/22	
o-Xylene	ND	0.0250	1	1	10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1	1	10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1	1	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		98.7 %	70-130	j	10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	i	10/03/22	10/04/22	
Surrogate: Toluene-d8		106 %	70-130	i	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg		Analyst: IY			Batch: 2241031
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		98.7 %	70-130	i	10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	i	10/03/22	10/04/22	
Surrogate: Toluene-d8		106 %	70-130	i	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL			Batch: 2241037
Diesel Range Organics (C10-C28)	203	25.0	1	1	10/04/22	10/05/22	
Oil Range Organics (C28-C36)	160	50.0	1	1	10/04/22	10/05/22	
Surrogate: n-Nonane		109 %	50-200		10/04/22	10/05/22	
	/1	ma/ka	4	Analyst: KL			Batch: 2241033
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	maryst. KL			Batch. 22+1033



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 5:10:53PM

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		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2241031
Benzene	ND	0.0250	1	10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/03/22	10/04/22	
Toluene	ND	0.0250	1	10/03/22	10/04/22	
o-Xylene	ND	0.0250	1	10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		97.4 %	70-130	10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130	10/03/22	10/04/22	
Surrogate: Toluene-d8		106 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Α	Analyst: IY		Batch: 2241031
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		97.4 %	70-130	10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130	10/03/22	10/04/22	
Surrogate: Toluene-d8		106 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2241037
Diesel Range Organics (C10-C28)	ND	25.0	1	10/04/22	10/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/04/22	10/05/22	
Surrogate: n-Nonane		106 %	50-200	10/04/22	10/05/22	
A EDA 200 0/005CA	mg/kg	mg/kg	A	Analyst: KL		Batch: 2241033
Anions by EPA 300.0/9056A		88				



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 5:10:53PM

SS-52

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY			Batch: 2241031
Benzene	ND	0.0250	1		10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1		10/03/22	10/04/22	
Toluene	ND	0.0250	1		10/03/22	10/04/22	
o-Xylene	ND	0.0250	1		10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1		10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1		10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		96.2 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		106 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg		Analyst: IY			Batch: 2241031
Gasoline Range Organics (C6-C10)	ND	20.0	1		10/03/22	10/04/22	
Surrogate: Bromofluorobenzene		96.2 %	70-130		10/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130		10/03/22	10/04/22	
Surrogate: Toluene-d8		106 %	70-130		10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL			Batch: 2241037
Diesel Range Organics (C10-C28)	ND	25.0	1		10/04/22	10/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1		10/04/22	10/05/22	
Surrogate: n-Nonane		108 %	50-200		10/04/22	10/05/22	
A: L EDA 200 0/0056 A	mg/kg	mg/kg		Analyst: KI			Batch: 2241033
Anions by EPA 300.0/9056A	2 2	<u> </u>					



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 5:10:53PM

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		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	d Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2241031
Benzene	ND	0.0250	1	10/03/22	2 10/04/22	
Ethylbenzene	ND	0.0250	1	10/03/22	2 10/04/22	
Toluene	ND	0.0250	1	10/03/22	2 10/04/22	
o-Xylene	ND	0.0250	1	10/03/22	2 10/04/22	
p,m-Xylene	ND	0.0500	1	10/03/22	2 10/04/22	
Total Xylenes	ND	0.0250	1	10/03/22	2 10/04/22	
Surrogate: Bromofluorobenzene		97.6 %	70-130	10/03/22	2 10/04/22	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130	10/03/22	2 10/04/22	
Surrogate: Toluene-d8		105 %	70-130	10/03/22	2 10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2241031
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/22	2 10/04/22	
Surrogate: Bromofluorobenzene		97.6 %	70-130	10/03/22	2 10/04/22	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130	10/03/22	2 10/04/22	
Surrogate: Toluene-d8		105 %	70-130	10/03/22	2 10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2241037
Diesel Range Organics (C10-C28)	ND	25.0	1	10/04/22	2 10/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/04/22	2 10/05/22	
Surrogate: n-Nonane		106 %	50-200	10/04/22	2 10/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL		Batch: 2241033
4 HIOHS BY E171 500:0/7030/1						



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 5:10:53PM

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		Reporting					
Analyte	Result	Limit	Dilut	tion P	repared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IY			Batch: 2241031
Benzene	ND	0.0250	1	1	0/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1	1	0/03/22	10/04/22	
Toluene	ND	0.0250	1	1	0/03/22	10/04/22	
o-Xylene	ND	0.0250	1	1	0/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1	1	0/03/22	10/04/22	
Total Xylenes	ND	0.0250	1	1	0/03/22	10/04/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130	1	0/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	1	0/03/22	10/04/22	
Surrogate: Toluene-d8		107 %	70-130	1	0/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY			Batch: 2241031
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	0/03/22	10/04/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130	1	0/03/22	10/04/22	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	1	0/03/22	10/04/22	
Surrogate: Toluene-d8		107 %	70-130	1	0/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL			Batch: 2241037
Diesel Range Organics (C10-C28)	ND	25.0	1	1	0/04/22	10/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	0/04/22	10/05/22	
Surrogate: n-Nonane		104 %	50-200	1	0/04/22	10/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL			Batch: 2241033
					0/03/22	10/05/22	



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 5:10:53PM

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E210004-20 Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: IY Batch: 2241031 mg/kg mg/kg Volatile Organic Compounds by EPA 8260B 10/03/22 10/04/22 ND 0.0250 Benzene 1 10/03/22 10/04/22 Ethylbenzene ND 0.0250ND 0.0250 10/03/22 10/04/22 Toluene 1 10/03/22 10/04/22 o-Xylene ND 0.025010/03/22 10/04/22 ND 0.0500 p,m-Xylene 10/03/22 10/04/22 1 Total Xylenes ND 0.0250 10/04/22 97.7 % 10/03/22 Surrogate: Bromofluorobenzene 70-130 10/03/22 10/04/22 Surrogate: 1,2-Dichloroethane-d4 70-130 93.6 % Surrogate: Toluene-d8 103 % 70-130 10/03/22 10/04/22 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: IY Batch: 2241031 ND 1 10/03/22 10/04/22 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 97.7 % 10/03/22 10/04/22 70-130 10/03/22 10/04/22 Surrogate: 1,2-Dichloroethane-d4 93.6 % 70-130 Surrogate: Toluene-d8 10/03/22 10/04/22 103 % 70-130 mg/kg Analyst: JL Batch: 2241037 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 10/04/22 10/05/22 ND 25.0 1 Diesel Range Organics (C10-C28) ND 50.0 1 10/04/22 10/05/22 Oil Range Organics (C28-C36) 110 % 50-200 10/04/22 10/05/22 Surrogate: n-Nonane

mg/kg

20.0

Analyst: KL

10/03/22

10/05/22

1

mg/kg

41.9



Batch: 2241033

Anions by EPA 300.0/9056A

Chloride

Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 5:10:53PM

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2241032
Benzene	ND	0.0250	1	10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/03/22	10/04/22	
Toluene	ND	0.0250	1	10/03/22	10/04/22	
o-Xylene	ND	0.0250	1	10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/03/22	10/04/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2241032
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/22	10/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.5 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2241017
Diesel Range Organics (C10-C28)	ND	25.0	1	10/04/22	10/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/04/22	10/05/22	
Surrogate: n-Nonane		84.3 %	50-200	10/04/22	10/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2241021
Chloride	50.6	20.0	1	10/03/22	10/05/22	

Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 5:10:53PM

SS-57

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2241032
Benzene	ND	0.0250	1	10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/03/22	10/04/22	
Toluene	ND	0.0250	1	10/03/22	10/04/22	
o-Xylene	ND	0.0250	1	10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/03/22	10/04/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2241032
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/22	10/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.3 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2241017
Diesel Range Organics (C10-C28)	ND	25.0	1	10/04/22	10/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/04/22	10/05/22	
Surrogate: n-Nonane		75.7 %	50-200	10/04/22	10/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2241021
	122			10/03/22	10/05/22	



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 5:10:53PM

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Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	lyst: IY		Batch: 2241032
ND	0.0250	1	10/03/22	10/04/22	
ND	0.0250	1	10/03/22	10/04/22	
ND	0.0250	1	10/03/22	10/04/22	
ND	0.0250	1	10/03/22	10/04/22	
ND	0.0500	1	10/03/22	10/04/22	
ND	0.0250	1	10/03/22	10/04/22	
	103 %	70-130	10/03/22	10/04/22	
mg/kg	mg/kg	Anal	lyst: IY		Batch: 2241032
ND	20.0	1	10/03/22	10/04/22	
	83.3 %	70-130	10/03/22	10/04/22	
mg/kg	mg/kg	Anal	lyst: JL		Batch: 2241017
ND	25.0	1	10/04/22	10/05/22	
ND	50.0	1	10/04/22	10/05/22	
	85.9 %	50-200	10/04/22	10/05/22	
mg/kg	mg/kg	Anal	lyst: KL		Batch: 2241021
	ND Mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 IO3 % mg/kg MD 20.0 83.3 % mg/kg ND 25.0 ND 50.0	mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.0 1 83.3 % 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 10/03/22 ND 0.0250 1 10/03/22 ND 0.0250 1 10/03/22 ND 0.0250 1 10/03/22 ND 0.0500 1 10/03/22 ND 0.0250 1 10/03/22 mg/kg mg/kg Analyst: IY ND 20.0 1 10/03/22 mg/kg mg/kg Analyst: JL ND 25.0 1 10/04/22 ND 50.0 1 10/04/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 10/03/22 10/04/22 ND 0.0250 1 10/03/22 10/04/22 ND 0.0250 1 10/03/22 10/04/22 ND 0.0500 1 10/03/22 10/04/22 ND 0.0250 1 10/03/22 10/04/22 ND 0.0250 1 10/03/22 10/04/22 mg/kg mg/kg Analyst: IY ND 20.0 1 10/03/22 10/04/22 mg/kg mg/kg Analyst: IY 10/04/22 10/04/22 mg/kg mg/kg Analyst: JL 10/04/22 10/04/22 ND 25.0 1 10/04/22 10/05/22 ND 50.0 1 10/04/22 10/05/22



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 5:10:53PM

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2241032
Benzene	ND	0.0250	1	10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/03/22	10/04/22	
Toluene	ND	0.0250	1	10/03/22	10/04/22	
o-Xylene	ND	0.0250	1	10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/03/22	10/04/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2241032
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/22	10/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.0 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2241017
Diesel Range Organics (C10-C28)	ND	25.0	1	10/04/22	10/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/04/22	10/05/22	
Surrogate: n-Nonane		81.8 %	50-200	10/04/22	10/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2241021



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 5:10:53PM

SS-60

		ъ .:				
		Reporting	5 .0			
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2241032
Benzene	ND	0.0250	1	10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/03/22	10/04/22	
Toluene	ND	0.0250	1	10/03/22	10/04/22	
o-Xylene	ND	0.0250	1	10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/03/22	10/04/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2241032
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/22	10/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.9 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2241017
Diesel Range Organics (C10-C28)	ND	25.0	1	10/04/22	10/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/04/22	10/05/22	
Surrogate: n-Nonane		82.3 %	50-200	10/04/22	10/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2241021
Chloride	715	20.0	1	10/03/22	10/05/22	



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 5:10:53PM

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2241032
Benzene	ND	0.0250	1	10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/03/22	10/04/22	
Toluene	ND	0.0250	1	10/03/22	10/04/22	
o-Xylene	ND	0.0250	1	10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/03/22	10/04/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2241032
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/22	10/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.6 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2241017
Diesel Range Organics (C10-C28)	ND	25.0	1	10/04/22	10/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/04/22	10/05/22	
Surrogate: n-Nonane		82.8 %	50-200	10/04/22	10/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2241021
Chloride	38.8	20.0	1	10/03/22	10/05/22	

Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 5:10:53PM

SS-62

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2241032
Benzene	ND	0.0250	1	10/03/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/03/22	10/04/22	
Toluene	ND	0.0250	1	10/03/22	10/04/22	
o-Xylene	ND	0.0250	1	10/03/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/03/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/03/22	10/04/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2241032
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/22	10/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.5 %	70-130	10/03/22	10/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2241017
Diesel Range Organics (C10-C28)	ND	25.0	1	10/04/22	10/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/04/22	10/05/22	
Surrogate: n-Nonane		78.4 %	50-200	10/04/22	10/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2241021
Chloride	204	20.0	1	10/03/22	10/05/22	



Souder Miller Associates - Carlsbad Project Name: Devon Tomb Raider 1-12 Fed #062H Reported:
201 S Halagueno St. Project Number: 01058-0007
Carlsbad NM, 88220 Project Manager: Heather Woods 10/5/2022 5:10:53PM

Carlsbad NM, 88220		Project Manager:	Н	eather Woods				10/	5/2022 5:10:53PM
Volatile Organic Compounds by EPA 8260B Analyst: IY									
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2241031-BLK1)							Prepared: 1	0/03/22 Anal	yzed: 10/04/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.482		0.500		96.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.7	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			
LCS (2241031-BS1)							Prepared: 10	0/03/22 Anal	yzed: 10/05/22
Benzene	2.21	0.0250	2.50		88.3	70-130			
Ethylbenzene	2.26	0.0250	2.50		90.2	70-130			
Toluene	2.18	0.0250	2.50		87.2	70-130			
o-Xylene	2.15	0.0250	2.50		85.8	70-130			
p,m-Xylene	4.24	0.0500	5.00		84.7	70-130			
Total Xylenes	6.38	0.0250	7.50		85.1	70-130			
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.2	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			
LCS Dup (2241031-BSD1)							Prepared: 10	0/03/22 Anal	yzed: 10/05/22
Benzene	2.19	0.0250	2.50		87.7	70-130	0.773	23	
Ethylbenzene	2.25	0.0250	2.50		89.9	70-130	0.377	27	
Toluene	2.18	0.0250	2.50		87.0	70-130	0.207	24	
o-Xylene	2.15	0.0250	2.50		86.0	70-130	0.279	27	
p,m-Xylene	4.22	0.0500	5.00		84.4	70-130	0.307	27	
Total Xylenes	6.37	0.0250	7.50		85.0	70-130	0.110	27	
Surrogate: Bromofluorobenzene	0.514		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		96.0	70-130			
~									

0.500

103

70-130



Surrogate: Toluene-d8

0.515

Surrogate: 4-Bromochlorobenzene-PID

Souder Miller Associates - Carlsbad 201 S Halagueno St.	Project Name: Project Number:	Devon Tomb Raider 1-12 Fed #062H 01058-0007	Reported:
Carlsbad NM, 88220	Project Number: Project Manager:	Heather Woods	10/5/2022 5:10:53PM

Carlsbad NM, 88220		Project Number: Project Manager:		eather Woods					10/5/2022 5:10:53PM
Volatile Organics by EPA 8021B Analyst: IY									
Analyte		Reporting	Spike	Source		Rec		RPD	
	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2241032-BLK1)							Prepared: 1	0/03/22 Aı	nalyzed: 10/04/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.07		8.00		101	70-130			
LCS (2241032-BS1)							Prepared: 10	0/03/22 Aı	nalyzed: 10/04/22
Benzene	4.82	0.0250	5.00		96.3	70-130			
Ethylbenzene	4.01	0.0250	5.00		80.3	70-130			
Toluene	4.23	0.0250	5.00		84.6	70-130			
o-Xylene	4.08	0.0250	5.00		81.5	70-130			
p,m-Xylene	8.15	0.0500	10.0		81.5	70-130			
Total Xylenes	12.2	0.0250	15.0		81.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.17		8.00		102	70-130			
LCS Dup (2241032-BSD1)							Prepared: 1	0/03/22 Aı	nalyzed: 10/04/22
Benzene	4.97	0.0250	5.00		99.4	70-130	3.11	20	
Ethylbenzene	4.12	0.0250	5.00		82.5	70-130	2.69	20	
Toluene	4.36	0.0250	5.00		87.2	70-130	3.02	20	
o-Xylene	4.20	0.0250	5.00		84.0	70-130	2.94	20	
p,m-Xylene	8.38	0.0500	10.0		83.8	70-130	2.76	20	
Total Xylenes	12.6	0.0250	15.0		83.9	70-130	2.82	20	



Souder Miller Associates - CarlsbadProject Name:Devon Tomb Raider 1-12 Fed #062HReported:201 S Halagueno St.Project Number:01058-0007Carlsbad NM, 88220Project Manager:Heather Woods10/5/20225:10:53PM

Nonhalogenated	Organics 1	by EPA 8015	SD - GRO
Tionnaiogenateu	O Zames	U y ELLIA UUL.	D - GIGO

Ana	

Analyte Resu	Reporting t Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

Blank (2241031-BLK1)						Prepared: 10	0/03/22 Analyzed:	10/04/22
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: Bromofluorobenzene	0.482		0.500	96.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500	94.7	70-130			
Surrogate: Toluene-d8	0.525		0.500	105	70-130			
LCS (2241031-BS2)						Prepared: 10	0/03/22 Analyzed:	10/05/22
Gasoline Range Organics (C6-C10)	49.7	20.0	50.0	99.3	70-130			
Surrogate: Bromofluorobenzene	0.519		0.500	104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500	96.2	70-130			
Surrogate: Toluene-d8	0.529		0.500	106	70-130			
LCS Dup (2241031-BSD2)						Prepared: 10	0/03/22 Analyzed:	10/05/22
Gasoline Range Organics (C6-C10)	51.4	20.0	50.0	103	70-130	3.52	20	
Surrogate: Bromofluorobenzene	0.500		0.500	100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.450		0.500	90.0	70-130			
Surrogate: Toluene-d8	0.516		0.500	103	70-130			



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	Reported:
201 S Halagueno St.	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 5:10:53PM

Carlsbad NM, 88220		Project Manager:		eather Woods					10/5/2022 5:10:53PM
	Non	halogenated C	Organics	by EPA 801	5D - G	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2241032-BLK1)							Prepared: 1	0/03/22	Analyzed: 10/04/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.63		8.00		82.9	70-130			
LCS (2241032-BS2)							Prepared: 10	0/03/22	Analyzed: 10/04/22
Gasoline Range Organics (C6-C10)	52.6	20.0	50.0		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.81		8.00		85.1	70-130			
LCS Dup (2241032-BSD2)							Prepared: 10	0/03/22	Analyzed: 10/04/22
Gasoline Range Organics (C6-C10)	49.2	20.0	50.0		98.4	70-130	6.71	20	-
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.94		8.00		86.8	70-130			

Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	Reported:
201 S Halagueno St.	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 5:10:53PM

Carlsbad NM, 88220		Project Manage	r: He	eather Woods					10/5/2022 5:10:53PN
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2241017-BLK1)							Prepared: 1	0/03/22 Ar	nalyzed: 10/03/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.4		50.0		94.8	50-200			
LCS (2241017-BS1)							Prepared: 1	0/03/22 Ar	nalyzed: 10/03/22
Diesel Range Organics (C10-C28)	207	25.0	250		82.9	38-132			
Surrogate: n-Nonane	46.3		50.0		92.6	50-200			
Matrix Spike (2241017-MS1)				Source:	E209185-	05	Prepared: 1	0/03/22 Ar	nalyzed: 10/03/22
Diesel Range Organics (C10-C28)	204	25.0	250	ND	81.5	38-132			
Surrogate: n-Nonane	45.0		50.0		90.0	50-200			
Matrix Spike Dup (2241017-MSD1)				Source:	E209185-	05	Prepared: 1	0/03/22 Ar	nalyzed: 10/03/22
Diesel Range Organics (C10-C28)	207	25.0	250	ND	83.0	38-132	1.80	20	
Surrogate: n-Nonane	44.0		50.0		88.1	50-200			



Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	Reported:
201 S Halagueno St.	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 5:10:53PM

Carlsbad NM, 88220		Project Manage	r: He	eather Woods					10/5/2022 5:10:53PN
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2241037-BLK1)							Prepared: 1	0/04/22 Ar	alyzed: 10/04/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.1		50.0		108	50-200			
LCS (2241037-BS1)							Prepared: 1	0/04/22 Ar	alyzed: 10/04/22
Diesel Range Organics (C10-C28)	240	25.0	250		95.9	38-132			
Surrogate: n-Nonane	53.8		50.0		108	50-200			
Matrix Spike (2241037-MS1)				Source:	E210004-	16	Prepared: 1	0/04/22 Ar	alyzed: 10/04/22
Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	38-132			
Surrogate: n-Nonane	52.5		50.0		105	50-200			
Matrix Spike Dup (2241037-MSD1)				Source:	E210004-	16	Prepared: 1	0/04/22 Ar	alyzed: 10/04/22
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.4	38-132	5.25	20	
Surrogate: n-Nonane	52.1		50.0		104	50-200			



Chloride

QC Summary Data

Souder Miller Associates - Carlsbad 201 S Halagueno St.	Project Name: Project Number:	Devon Tomb Raider 1-12 Fed #062H 01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/5/2022 5:10:53PM

	Anions by EPA 300.0/9056A										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2241021-BLK1)							Prepared: 1	0/03/22 Analy	yzed: 10/05/22		
Chloride	ND	20.0									
LCS (2241021-BS1)							Prepared: 10	0/03/22 Analy	yzed: 10/05/22		
Chloride	265	20.0	250		106	90-110					
LCS Dup (2241021-BSD1)							Prepared: 10	0/03/22 Analy	yzed: 10/05/22		

250

20.0

105

90-110

0.912

Chloride

Chloride

LCS Dup (2241033-BSD1)

QC Summary Data

Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager		Devon Tomb Raider 1-12 Fed #062H 01058-0007 Heather Woods			H		Reported: 10/5/2022 5:10:53PM
		Anions	by EPA	300.0/9056	\				Analyst: KL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2241033-BLK1)							Prepared: 1	0/03/22 A	nalyzed: 10/04/22
Chloride	ND	20.0							
LCS (2241033-BS1)							Prepared: 1	0/03/22 A	nalyzed: 10/04/22

250

250

266

265

20.0

20.0

107

106

90-110

90-110

0.450

Prepared: 10/03/22 Analyzed: 10/04/22

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Souder Miller Associates - Carlsbad	Project Name:	Devon Tomb Raider 1-12 Fed #062H	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	10/05/22 17:10

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project	Information
Client	Sa. 1

	formation				Chain of C	ustody								2-DAY		Page	5 of 5	
lient: 5	ouder, Mi	illec : A	550010	L. 1	Report Attention				la.	h Us	e Onl	v		TAT	11.5	EPA Prog	ram	
roject: 1	Devon Tor	no Rais	der 1-12	E Fed # OLEZH	Report due by: Devon		Lab \	WO#			I dol	-	ber	1D 3D	RCRA	CWA		
roject N	/lanager:	teather	Wood	2	Attention:	DE	wo#	000	4	01058-0007								
	201 5.				Address:					Analy	sis ar	nd Method	1			State		
	e, Zip Car			BB 220	City, State, Zip		8015	8015							7.31	NM C	O UT AZ	
	505)7				Phone:		by	by 8	8021	8260	10	0.00	0					
-	H-SEA MINE COLUMN	NOORSE		rm:ller.com	Email: WO # 20995421	T tak	ORO	/ORO/ /DRO	/ORO/ /DRO	by 8(y 82	s 60	de 3	Ŏ.				1.4.
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID		Lab Number	DRO/ORO	GRO/DRO by	втех by	VOC by	Metals 6010	Chloride 300.0	BG			R	emarks	
119	9/30/22	5	ı	55-36		1							X					
	9/30/22	5	1	55-37		2							Х					
125	9/30/22	5	1	55 -38		3							Х					
129	9/30/22	5	1	55-39		4	E						X					
1132	9/30/22	5	1	55-40		5							X					
134	9/30/22	5	ı	55-41		6							Х					
137	9/30/22	5	1	55-42		7							X					
	9/30/22	5	1	55-43		8							X					
141	9/30/22	5	1	55-44	· · · · · · · · · · · · · · · · · · ·	9							X					
	9/30/22	5	1	55-45		10							X					
ddition	al Instruct	ions:																
				this sample. I am aware th	at tampering with or intentionally mislabelling the sample by:	location, date or					1000			rvation must be r			sampled or receive	
linguish	ed by: (Signat	ture)	Date		Received by: (Signature)	Date 10/3	52	Time	2:5	5	Rece	eived	I on ice:	Lab U	se Only			
	ed by: (Signa		Date		Received by: (Signature)	Date	100	Time			T1		np°C	12		<u>T3</u>	solies .	
											MAG	1611	IP C	4-			-	



only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Ph (505) 632-1881 Fx (505) 632-1865

envirotech-inc.com lab admin@envirotech inc.com

Project Information
Client: Souder, M.
Project: Devon Tox Project Manager: L
Project Manager: L

roject in	formation				Chain of C	Lustody								1 0 1	,	1	age	of_
Client: S	ouder, M.	ILLY: A	ssocia	les	Report Attention			_	La	b Us	e On	lv		Z -D A		E	PA Program	
roject:	Devon Tox	no Rai	der 1-12	Fed # OleZH	Report due by: Devon		Lab V	VO#			1 dol	Numb		1D 30		RCRA	CW	
Project N	Manager: \	leather	- Woods	5	Attention:		PE	210	000				0007					
ddress:	201 S. te, Zip Cav	Hala	gueno	2000	Address:		10.	10			Analy	sis ar	d Method		_			State
hone: (505) 71	10- 77	, NM E	35220	City, State, Zip Phone:		by 8015	801				0	U				INIVI	CO UT
				iller. com	Email: W0 # 2099542	.0995421			O by O by 8021		010	300.	0					
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID		Lab Number	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300,0	BGDO				-	Remarks
1146	9/30/22	5	1	55-44		11							X					
	9/30/22	5	1	55-47		12							X					
1151	9/30/22	5	ı	55-48		13							X					
1218	9/30/22	5	ı	55-49		14							X					
1220	9/30/22	5	1	55-50		15							У					
1222	9/30/22	5	1	55-51		16							X					
1224	9/30/22	5	1	55-52		17							X					
1226	9/30/22	5	1	55-53		18							X					
1228	9/30/22	5	ı	55-54		19							X					
1230	9/30/22	5	l	55-55		20							X					
Addition	nal Instruct	ions:																
				this sample. I am aware to s for legal action. Sample	nat tampering with or intentionally mislabelling the sample	location, date or							g thermal preser in avg temp abov					e sampled or rec
Relinquish	ed by: (Signa	ture)	- Date	13/22 Time	Received by: (Signature)	1 Date	b	Time 2	2:5	55	Rece	eived	on ice:	(V)	Use N	Only		
Relinquish	ed by: (Signa	ture)	Date	Time	Received by: (Signature)	Date		Time			T1 AVG	Tem	p°c (T2			<u>T3</u>	
Sample Ma	trix: S - Soil. Sd	- Solid. Sg -	Sludge, A - A	queous, O - Other		Containe	r Type:	p - p	lass		_			r place v	v - V/	ΩΔ		



Released to	Project In	formation	
Imaging: 9	Project: 7 Project N	Devon To Manager: 1 201 S	1
0/13/2023	City, Stat Phone: (e, Zip Ca 505) 7 eather.1	1
7	Time Sampled	Date Sampled	

Chain of Custody

	5		=
Page .)	_ of _	2

Received by OCD: 4/25/2023 12:52:09 PM

																2-D.	AY				
Client:5	ouder, A	liller:	ASSOC	iates		Report Attention					_	e On				TA			PA Program		
				2 Fed # 1062 H		rt due by: Dwon		Lab	WO#	-		ldol				1D 3	3D	RCRA	CWA	SDWA	
Project N	/lanager: \	teasher	Mood	3	7.7	ntion:		PE	21	m				000							
	201 5				Addr							Analy	/sis a	nd Me	etho	<u>t</u>			A Comment of the Comm	ate	
	e, Zip Ca			88220		State, Zip		015	015		1 - 1								NM CO	UT AZ	
	505) 7				Phor			by 8	by 8	121	99	0	0.00	Š							
		woods (Soude	miller.com	Emai	1: WO # 209954		ORO	ORO	y 80	/ 82	601	le 3(18		1 1					
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID			Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDO(Ren	marks	
1232	9/30/22	5	1	55-56			21							×							
1234	9/30/22	5	1	55-57			22							Х							
1320	9/30/22	S	1	55-58			23							X							
1322	9/30/22	5	Ţ	55-59			24							X							
	9/30/22		1	55-60			125							X							
	9/30/22		1	55-61			20							×							
	9/30/22		1	55-62			27							X							
Addition	al Instruc	tions:																			
7.11		60.000	uthenticity of	this sample. I am aware tl	nat tamperin	g with or intentionally mislabelling the sample	e location, date or					1.0 m 20 m 1							e day they are sa	mpled or received	
time of collec	ction is consider	ed fraud and r	nay be ground	s for legal action. Sampled					_			packed	in ice at	an avg ter	mp abo	ve 0 but les	s than 6	°C on subseq	uent days.		
Dear	Plant Mus Date 10/3/22 Time 10/3/22			55	Received by: (Signature)	1 Date /3/	22	Time	2:5	5	Rece	eivec	on ic	ce:	(N)		e Only				
Relinquish	Relinquished by: (Signature) Date Time				Received by: (Signature)	Date		Time			T1		np °C	- (1			<u>T3</u>			
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other						Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA															
					er arrange	ments are made. Hazardous samples w													hove cample	e ie annlicable	



Ph (505) 632-1881 Fx (505) 632-1865

envirotech-inc.com labadmin@envirotech inc.com

envirotech Inc.

Printed: 10/3/2022 2:28:43PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Souder Miller Associates - Carlsbad	Date Received:	10/03/22 12	::55		Work Order ID:	E210004
Phone:	(575) 200-5443	Date Logged In:	10/03/22 13			Logged In By:	Caitlin Christian
Email:	((1)) = 11	Due Date:		7:00 (2 day TAT)			
	Custodu (COC)						
	Custody (COC)		V				
	ne sample ID match the COC? The number of samples per sampling site location man	tch the COC	Yes				
	amples dropped off by client or carrier?	ion the ede	Yes Yes	Ci I	T41 337 4-		
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes	Carner: <u>F</u>	Heather Woods		
	Il samples received within holding time?	sion mary sos.	Yes				
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.			,		Comment	s/Resolution
Sample T	urn Around Time (TAT)				Dusiast ha	a h aan aanana	tad into 2 noments
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		_	=	ted into 2 reports
Sample C						-	Workorders are as
	sample cooler received?		Yes		follows: E	210003, E210	0004.
•	was cooler received in good condition?		Yes				
	e sample(s) received intact, i.e., not broken?		Yes				
	custody/security seals present?		No				
•	were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
		temperature. 1	<u>~</u>				
Sample C	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers'	?	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lab	· · ·						
	field sample labels filled out with the minimum info	ormation:					
	ample ID?		Yes				
	ate/Time Collected?		Yes				
	ollectors name?		No				
	reservation		NT.				
	the COC or field labels indicate the samples were pr	reservea?	No				
	ample(s) correctly preserved? filteration required and/or requested for dissolved n	aatala?	NA No				
	•	icais:	No				
	se Sample Matrix the sample have more than one phase, i.e., multipha	an?	3.7				
			No				
•	does the COC specify which phase(s) is to be analy	yzed?	NA				
	act Laboratory						
	amples required to get sent to a subcontract laborato	•	No				
29. Was a	subcontract laboratory specified by the client and in	f so who?	NA S	Subcontract Lab	o: na		
Client Ir	<u>istruction</u>						

Date

Signature of client authorizing changes to the COC or sample disposition.



October 07, 2022

HEATHER WOODS
SOUDER MILLER AND ASSOCIATES
201 S. HALAGUENO
CARLSBAD, NM 88220

RE: TOMB RAIDER 1-12 FED #062H

Enclosed are the results of analyses for samples received by the laboratory on 10/06/22 15:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

SOUDER MILLER AND ASSOCIATES
HEATHER WOODS
201 S. HALAGUENO
CARLSBAD NM, 88220
Fax To: NONE

Received: 10/06/2022 Sampling Date: 10/06/2022

Reported: 10/07/2022 Sampling Type: Soil

Project Name: TOMB RAIDER 1-12 FED #062H Sampling Condition: ** (See Notes)

Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

A I J D. ... 711

Project Location: DEVON

Sample ID: SC-128-R2 (H224699-01)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	2.14	107	2.00	13.5	
Toluene*	<0.050	0.050	10/06/2022	ND	2.11	106	2.00	14.3	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.04	102	2.00	14.0	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.15	102	6.00	13.7	
Total BTEX	<0.300	0.300	10/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/07/2022	ND	448	112	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2022	ND	218	109	200	3.32	
DRO >C10-C28*	<10.0	10.0	10/06/2022	ND	224	112	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	10/06/2022	ND					
Surrogate: 1-Chlorooctane	104 5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	110 9	% 46.3-17	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

SOUDER MILLER AND ASSOCIATES
HEATHER WOODS
201 S. HALAGUENO
CARLSBAD NM, 88220
Fax To: NONE

Received: 10/06/2022 Sampling Date: 10/06/2022

Reported: 10/07/2022 Sampling Type: Soil

Project Name: TOMB RAIDER 1-12 FED #062H Sampling Condition: ** (See Notes)

Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: DEVON

Sample ID: SS-11R (H224699-02)

Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/07/2022	ND	448	112	400	3.64	

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Celey D. Keine



Analytical Results For:

SOUDER MILLER AND ASSOCIATES **HEATHER WOODS** 201 S. HALAGUENO CARLSBAD NM, 88220 Fax To: NONE

Received: 10/06/2022 Sampling Date: 10/06/2022

Reported: 10/07/2022 Sampling Type: Soil

Project Name: TOMB RAIDER 1-12 FED #062H Sampling Condition: ** (See Notes) Sample Received By: Tamara Oldaker Project Number: NONE GIVEN

Project Location: **DEVON**

Sample ID: SS-12R (H224699-03)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	2.14	107	2.00	13.5	
Toluene*	<0.050	0.050	10/06/2022	ND	2.11	106	2.00	14.3	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.04	102	2.00	14.0	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.15	102	6.00	13.7	
Total BTEX	<0.300	0.300	10/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.0	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/07/2022	ND	448	112	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2022	ND	218	109	200	3.32	
DRO >C10-C28*	14.3	10.0	10/06/2022	ND	224	112	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	10/06/2022	ND					
Surrogate: 1-Chlorooctane	109 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	114 9	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

SOUDER MILLER AND ASSOCIATES
HEATHER WOODS
201 S. HALAGUENO
CARLSBAD NM, 88220
Fax To: NONE

Received: 10/06/2022 Sampling Date: 10/06/2022

Reported: 10/07/2022 Sampling Type: Soil

Project Name: TOMB RAIDER 1-12 FED #062H Sampling Condition: ** (See Notes)

Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON

ma/ka

Sample ID: SS-26R (H224699-04)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	2.14	107	2.00	13.5	
Toluene*	<0.050	0.050	10/06/2022	ND	2.11	106	2.00	14.3	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.04	102	2.00	14.0	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.15	102	6.00	13.7	
Total BTEX	<0.300	0.300	10/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.4	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/07/2022	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2022	ND	218	109	200	3.32	
DRO >C10-C28*	15.7	10.0	10/06/2022	ND	224	112	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	10/06/2022	ND					
Surrogate: 1-Chlorooctane	102	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	110	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

SOUDER MILLER AND ASSOCIATES
HEATHER WOODS
201 S. HALAGUENO
CARLSBAD NM, 88220
Fax To: NONE

Received: 10/06/2022 Sampling Date: 10/06/2022

Reported: 10/07/2022 Sampling Type: Soil

Project Name: TOMB RAIDER 1-12 FED #062H Sampling Condition: ** (See Notes)

Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: DEVON

Sample ID: SS-50R (H224699-05)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	2.14	107	2.00	13.5	
Toluene*	<0.050	0.050	10/06/2022	ND	2.11	106	2.00	14.3	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.04	102	2.00	14.0	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.15	102	6.00	13.7	
Total BTEX	<0.300	0.300	10/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.3	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	10/07/2022	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2022	ND	218	109	200	3.32	
DRO >C10-C28*	<10.0	10.0	10/06/2022	ND	224	112	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	10/06/2022	ND					
Surrogate: 1-Chlorooctane	109	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	116	% 46.3-17	78						

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Celey D. Keine



400

3.92

Analytical Results For:

SOUDER MILLER AND ASSOCIATES
HEATHER WOODS
201 S. HALAGUENO
CARLSBAD NM, 88220
Fax To: NONE

Received: 10/06/2022 Sampling Date: 10/06/2022

Reported: 10/07/2022 Sampling Type: Soil

Project Name: TOMB RAIDER 1-12 FED #062H Sampling Condition: ** (See Notes)

Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: DEVON

240

16.0

Sample ID: SS-59R (H224699-06)

Chloride

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	10/07/2022	ND	416	104	400	3.92	
Sample ID: SS-60R (H224	1699-07)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

ND

416

104

10/07/2022

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Celey D. Keene



Notes and Definitions

QR-04 The RPD for the BS/BSD was outside of historical limits.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keine

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

Observed Temp.

Time: Date:

Received By:

REMARKS:

Relinquished By

ropeal

Time:

All Results are emailed. Please provide Email address:

Heather.Woods@soudermiller.com Sarahmay.Schlea@soudermill

Relinquished By

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 aboratories

575) 393-2326 FAX (575) 393-2476

Company Maine.	ocuder, Miller & Associates	S							BI	BILL TO					ANAI YSIS E	DECLIECT
Project Manager:	: Heather Woods					70	P.O. #:	*	2	82005B	1001	1	1		AINAL I DIO KEMUENI	VEWDEST
Address: 201	Address: 201 South Halagueno					0	9	pany	3	Company: VOVO	7					
city: Carlsbad	State: NM		88	Zip: 88220		A	Attn:					_				
Phone #: (505) 716-2787	7					A	ddn	Address:								
Project #:	Project Owner: Devon	ner: De	Vor			0	City:))				
Project Name: T	Project Name: Tomb Raider 1-12 Fed #062H					S	State:	٠		Zin:		IRC				
Project Location:						0	Phone #:	#				O/N				
Sampler Name:	GG/WK		-			n	Fav #.	-				R				
FOR LAB USE ONLY		1	4		MATRIX	ŀ	ŀ)/[
		1		R		-						(GR	X	orides		
HBSHIPP	Sample I.D.	(G)RAB OR (# CONTAINE	WASTEWATI SOIL	OIL	SLUDGE OTHER:	ACID/BASE:	CE/COOL	OTHER:	DATE	T ME	8015 TPI	8021 BT	300.0 Ch		
_	SC-128-R2		_		\rightarrow	\rightarrow	_	_	(10/6/22	_	×	×	<	+	
2	SS-11R	C	_	×	4	-		×		10/6/22 0924	0924	1		< >		
Ü	SS-12R	C	_	×		+		×		10/6/22 0925	0925	×	×	× >		
h	SS-26R	C	-7	×				×		10/6/22	0954	×	×	×		
.5	SS-50R	C	_	×				×		10/6/22 1058	1058	×	×	×		
20	SS-59R	C	_	×				×		10/6/22	1044	1	,	×		
1	SS-60R	C	-	×				×		10/6/22	1041			×		
			-													
			-													

Cool Intact
Ves Yes Sample Condition

CHECKED BY: (Initials)

Turnaround Time: same day

Standard

Correction Factor -0.5°C

Corrected Temp. °C

er.com

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

CONDITIONS

Action 209704

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	209704
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	Devon's deferral requests to complete final remediation during any future major construction/alteration or final plugging/abandonment, whichever occurs first. SMA and Devon do not believe deferment will result in imminent risk to human health, the environment, or groundwater. The areas requested for deferral are the impacted soil in and around machinery, production equipment, and electrical lines shown on Figure 4a and 4b of the report, which include sample areas (CS15 and SC-129R). The areas have been delineated and documented in the report. At this time, OCD approves this request. The Deferral Request and C-141 will be accepted for record and marked accordingly. The release will remain open in OCD database files and reflect an open environmental issue.	9/13/2023