

CARMONA RESOURCES



SITE INFORMATION

Closure Report
Onsurez 1B Battery (07.08.2024)
Incident #: NAPP2419056244
Eddy County, New Mexico
Unit C Sec 11 T23S R28E
32.3253°, -104.0602°

Crude Oil Release
Point of Release: Valve blow out
Release Date: 07.08.2024
Volume Released: 26 Barrels of Crude Oil
Volume Recovered: 25 Barrels of Crude Oil

CARMONA RESOURCES



Prepared for:
Chevron U.S.A., Inc.
6301 Deauville Blvd
Midland, Texas 79706

Prepared by:
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TABLE OF CONTENTS

1.0 SITE INFORMATION AND BACKGROUND

2.0 SITE CHARACTERIZATION AND GROUNDWATER

3.0 NMAC REGULATORY CRITERIA

4.0 INITIAL SITE ASSESSMENT ACTIVITIES

5.0 SECONDARY SITE ASSESSMENT ACTIVITIES

6.0 REVEGETATION ACTIVITIES

7.0 CONCLUSIONS

FIGURES

FIGURE 1	OVERVIEW	FIGURE 2	TOPOGRAPHIC
FIGURE 3	SAMPLE LOCATION	FIGURE 4	EXCAVATION
FIGURE 5	REVEGETATION		

APPENDICES

APPENDIX A	TABLES
APPENDIX B	PHOTOS
APPENDIX C	N.O.R. AND FINAL C-141/NMOCD CORRESPONDENCE
APPENDIX D	SITE CHARACTERIZATION AND GROUNDWATER
APPENDIX E	LABORATORY REPORTS



October 15, 2024

New Mexico Oil Conservation Division
1220 South St, Francis Drive
Santa Fe, NM 87505

Re: Closure Report
Onsurez 1B Battery (07.08.2024)
Chevron U.S.A., Inc.
Site Location: Unit C, S11, T23S, R28E
(Lat 32.3253°, Long -104.0602°)
Eddy County, New Mexico

To whom it may concern:

On behalf of Chevron U.S.A., Inc. (Chevron), Carmona Resources, LLC has prepared this letter to document the Onsurez 1B Battery site assessment activities. The site is located at 32.3253°, -104.0602° within Unit C, S11, T23S, R28E, in Eddy County, New Mexico (Figure 1 and Figure 2).

1.0 Site Information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on July 8, 2024, caused by a valve blow off. According to the initial C-141, the release resulted in approximately twenty-six (26) barrels of crude oil being released and one (1) barrel of crude oil recovered. The impacted area was located on pad and in the pasture, shown in Figure 3. The Initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, multiple water sources are within a 0.50-mile radius of the location. The closest well is approximately 0.08 miles South of the site in S11, T23S, R28E and was drilled in 2003. The well has a reported depth to groundwater of 19.44 feet below the ground surface (ft bgs). A copy of the associated summary report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

Per the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria were utilized in assessing the site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 100 mg/kg (GRO + DRO + MRO).
- Chloride: 600 mg/kg.

4.0 Site Assessment Activities

Initial Site Assessment

On August 6, 2024, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of five (5) sample points (S-1 through S-5), and four (4) horizontal sample points (H-1 through H-4) were installed to total depths ranging from surface to 3.0' bgs inside and surrounding the release area. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory provided sample containers, stored on ice,



and transported under the proper chain-of-custody protocol to Eurofins in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and Chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

Vertical Delineation

Vertical delineation was not achieved in the areas of S-2 through S-4 due to dense geological formation. Refer to Table 1.

Horizontal Delineation

Horizontal delineation was achieved in the areas of H-1 through H-4. Refer to Table 1.

5.0 Remediation Activities

Between September 17, 2024, and October 1, 2024, Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on September 12, 2024, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The area of S-2 was excavated to a depth of 4.0' bgs, the areas of S-3 and S-4 were excavated to a depth of 2.0' bgs, and the area of S-5 was excavated to a depth of 0.5' bgs. A total of thirty-six (36) confirmation floor samples were collected (CS-1 through CS-36), and seventeen (17) sidewall samples (SW-1 through SW-17) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and Chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

All final confirmation samples were below the regulatory requirements for Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 2.

Once the remediation activities were completed, the excavated areas were backfilled with clean material from the landowner to surface grade. A composite sample of the backfill pit material was collected for laboratory analysis on September 25, 2024, before being utilized. The backfill pit was located at 32.323443°, -104.062631°. Refer to Table 2. Approximately 6,680 square feet of contamination was remediated, resulting in 1,130 cubic yards of material excavated and transported offsite for proper disposal.

6.0 Revegetation Activities

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. On October 14, 2024, the backfilled areas in the pasture were seeded via hand distribution with the appropriate pounds of pure live seed per acre. The seed mixture used was BLM #2. See Figure 5 for the revegetation area.



7.0 Conclusions

Based on the assessment results and the analytical data, no further actions are required at the site. Chevron formally requests the closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-1992.

Sincerely,
Carmona Resources, LLC

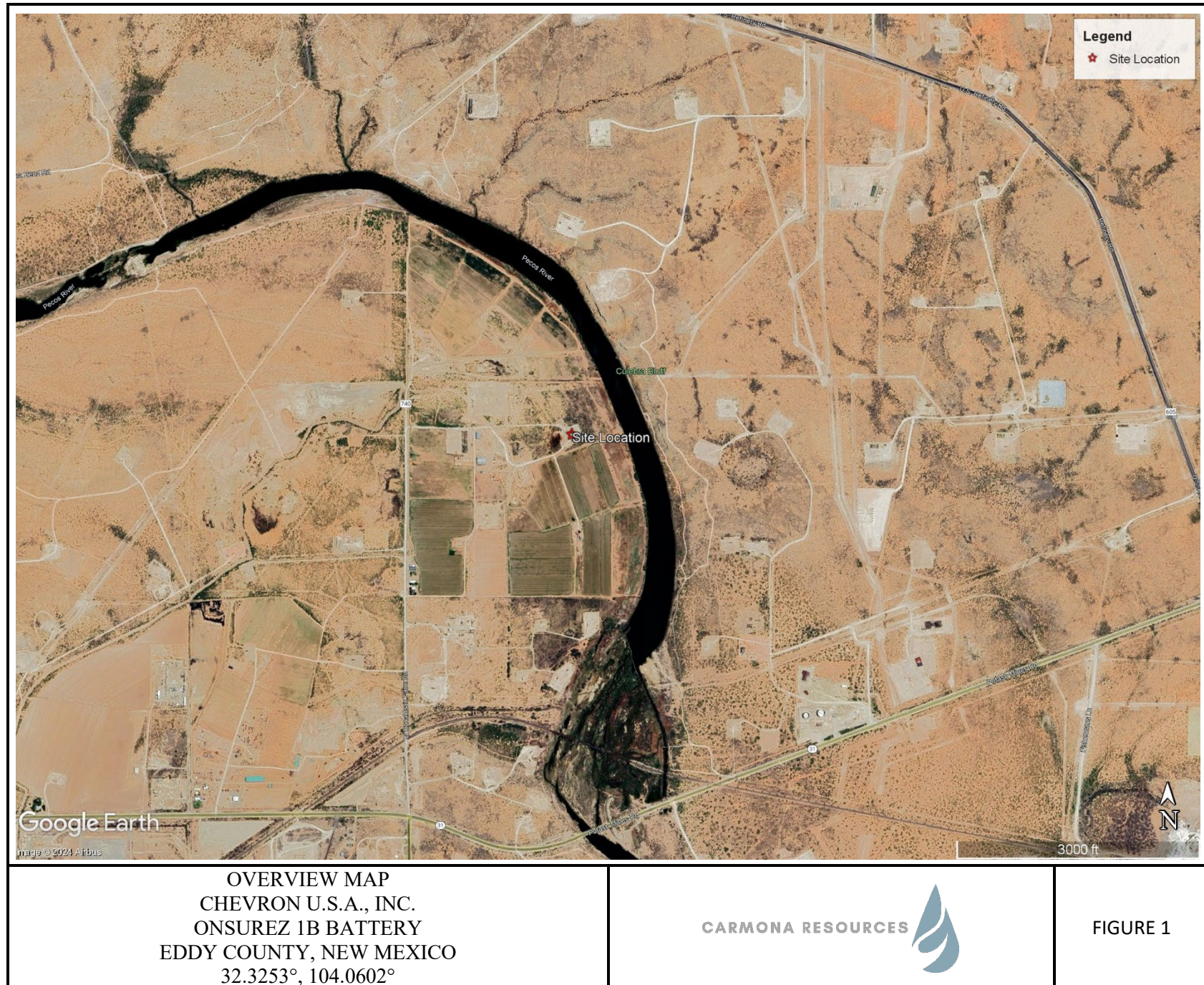
Ashton Thielke
Sr. Project Manager

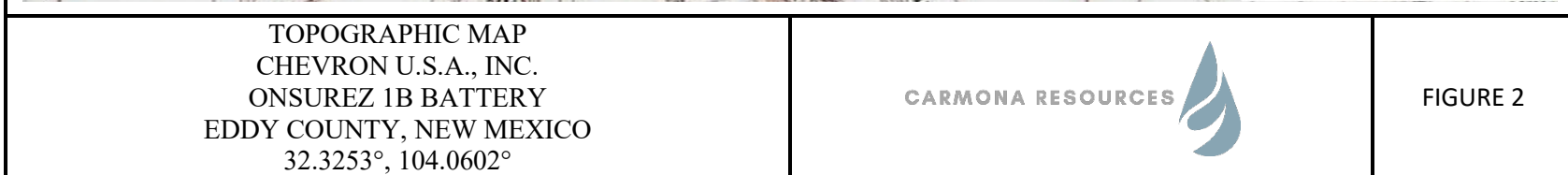
Gilbert Priego
Project Manager

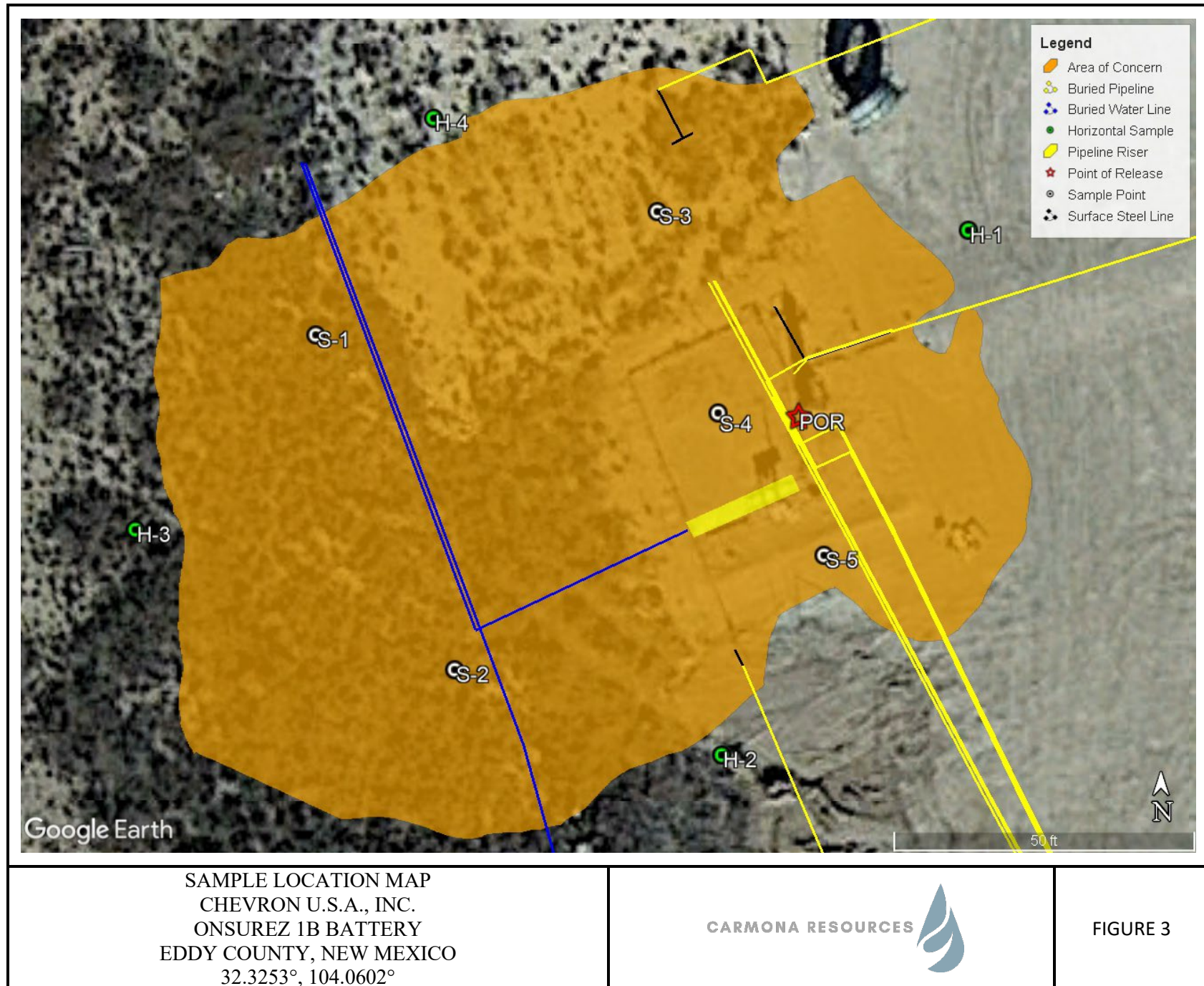
FIGURES

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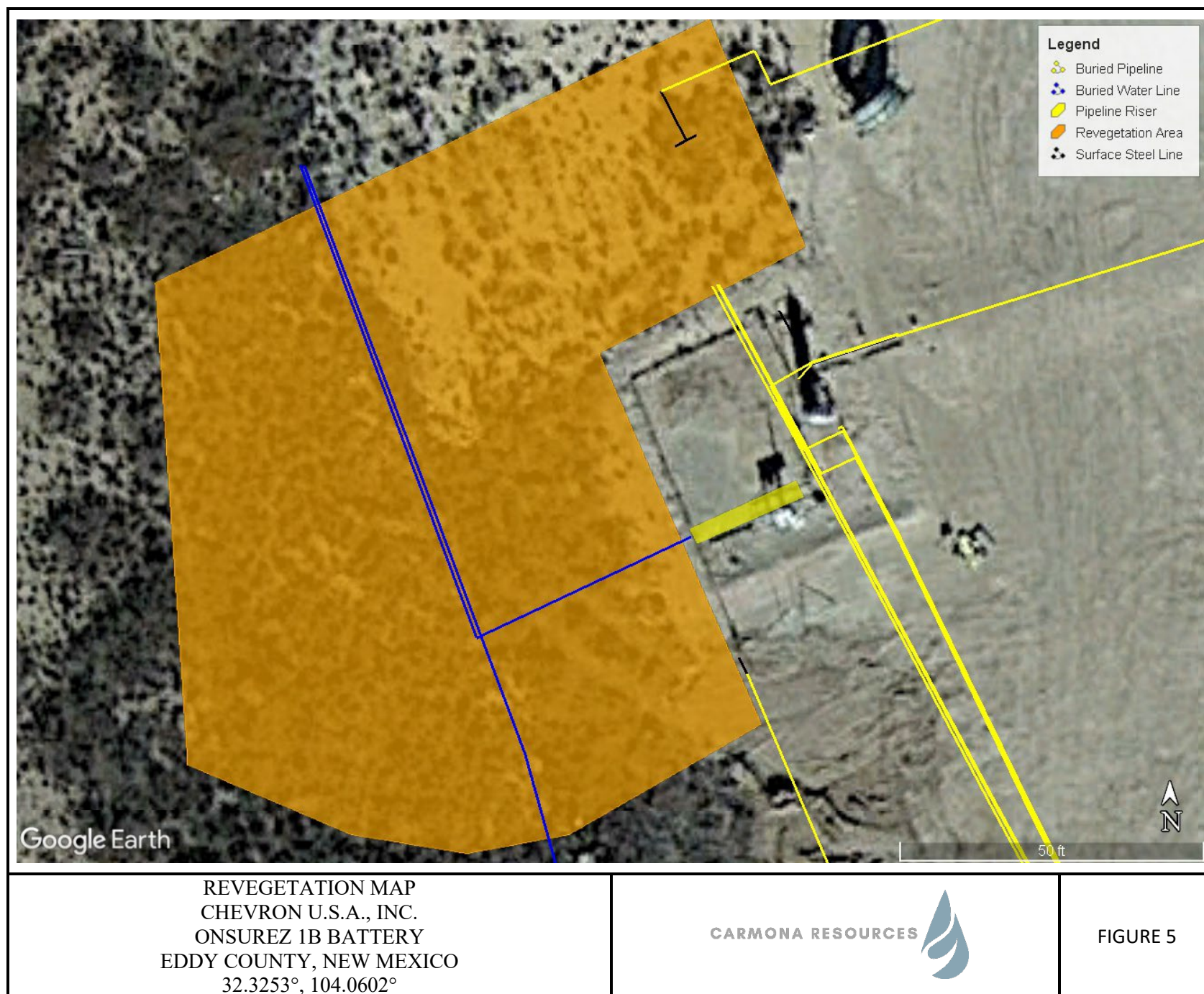












APPENDIX A

CARMONA RESOURCES



Table 1
Chevron
Onsurez 1B Battery (07.08.2024)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	8/6/2024	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	500
	"	0.5-1'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	402
	"	1.5'	<49.9	86.2	<49.9	86.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	534
S-2	8/6/2024	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	35.4
	"	0.5-1'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	453
	"	1.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	327
	"	2'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	896
	"	3'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	1,050
S-3	8/6/2024	0-0.5'	<49.8	156	<49.8	156	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,860
	"	0.5-1'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,160
	"	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,340
S-4	8/6/2024	0-0.5'	498	15,100	<99.9	15,600	<0.100	1.26	2.56	13.6	17.4	914
	"	0.5-1'	64.1	4,040	<50.0	4,100	<0.0996	<0.0996	0.162	12.1	12.3	165
	"	1.5'	<49.8	1,140	<49.8	1,140	<0.00199	<0.00199	0.00418	0.0229	0.0270	77.9
S-5	8/6/2024	0-0.25'	<49.7	1,240	<49.7	1,240	<0.00200	<0.00200	<0.00200	0.0294	0.0294	2,510
	"	0.25'-1'	<49.9	84.9	<49.9	84.9	<0.00201	<0.00201	<0.00201	0.0149	0.0149	504
Regulatory Criteria^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(S) Sample Point

Removed

Table 1
Chevron
Onsurez 1B Battery (07.08.2024)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	8/6/2024	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	180
H-2	8/6/2024	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	61.9
H-3	8/6/2024	0-1'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	15.0
H-4	8/6/2024	0-1'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	16.6
Regulatory Criteria^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(H) Horizontal Sample

Table 2
Chevron
Onsurez 1B Battery (07.08.2024)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	9/20/2024	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	380
CS-2	9/20/2024	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	161
CS-3	9/20/2024	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	197
CS-4	9/20/2024	4.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	165
CS-5	9/20/2024	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	146
CS-6	9/20/2024	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	215
CS-7	9/20/2024	4.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	182
CS-8	9/20/2024	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	194
CS-9	9/20/2024	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	190
CS-10	9/20/2024	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	192
CS-11	9/20/2024	4.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	219
CS-12	9/20/2024	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	231
CS-13	9/25/2024	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	0.00443	0.00443	295
CS-14	9/25/2024	4.0'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	58.6
CS-15	9/25/2024	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	0.00409	0.00409	22.0
CS-16	9/25/2024	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	0.00563	0.00563	71.3
CS-17	9/25/2024	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	143
CS-18	9/30/2024	0.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	286
Regulatory Criteria^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(CS) Confirmation Sample

Table 2
Chevron
Onsurez 1B Battery (07.08.2024)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-19	9/30/2024	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	79.7
CS-20	9/30/2024	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	98.1
CS-21	9/30/2024	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	87.7
CS-22	10/1/2024	2.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	352
CS-23	10/1/2024	2.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	55.1
CS-24	10/1/2024	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	87.0
CS-25	10/1/2024	2.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	74.6
CS-26	10/1/2024	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	132
CS-27	10/1/2024	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	147
CS-28	10/1/2024	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	147
CS-29	10/1/2024	2.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	76.8
CS-30	10/1/2024	2.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	148
CS-31	10/1/2024	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	83.3
CS-32	10/1/2024	2.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	159
CS-33	10/1/2024	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	121
CS-34	10/1/2024	2.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	157
CS-35	10/1/2024	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	162
CS-36	10/1/2024	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	126
Regulatory Criteria^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(CS) Confirmation Sample

Table 2
Chevron
Onsurez 1B Battery (07.08.2024)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-1	9/20/2024	4.0'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	185
SW-2	9/20/2024	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	167
SW-3	9/20/2024	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	159
SW-4	9/20/2024	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	118
SW-5	9/25/2024	4.0'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	0.00410	0.00410	146
SW-6	9/25/2024	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	0.00482	0.00482	158
SW-7	9/25/2024	4.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	0.00709	0.00709	207
SW-8	9/30/2024	3.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	180
SW-9	9/30/2024	0.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	183
SW-10	9/30/2024	0.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	185
SW-11	9/30/2024	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	198
SW-12	9/30/2024	0.5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	133
SW-13	9/30/2024	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	107
SW-14	10/1/2024	2.0'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	124
SW-15	10/1/2024	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	184
SW-16	10/1/2024	2.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	171
SW-17	10/1/2024	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	164
ONSUREZ PIT	9/25/2024	"	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	0.00488	0.00488	70.1
Regulatory Criteria ^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(SW) Sidewall Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Chevron U.S.A., Inc.

Photograph No. 1

Facility: Onsurez 1B Battery

County: Eddy County, New Mexico

Description:

View Northeast, Area of CS-1 through CS-17.



Photograph No. 2

Facility: Onsurez 1B Battery

County: Eddy County, New Mexico

Description:

View West, Area of CS-12 through CS-17.



Photograph No. 3

Facility: Onsurez 1B Battery

County: Eddy County, New Mexico

Description:

View Southwest, Area of CS-18 through CS-21.



PHOTOGRAPHIC LOG

Chevron U.S.A., Inc.

Photograph No. 4

Facility: Onsurez 1B Battery

County: Eddy County, New Mexico

Description:

View Northwest, Area of CS-22 through CS-38.



Photograph No. 5

Facility: Onsurez 1B Battery

County: Eddy County, New Mexico

Description:

View Northwest, Area of CS-22 through CS-33.



Photograph No. 6

Facility: Onsurez 1B Battery

County: Eddy County, New Mexico

Description:

View Northwest, Area of CS-30 through CS-38.



PHOTOGRAPHIC LOG

Chevron U.S.A., Inc.

Photograph No. 7

Facility: Onsurez 1B Battery

County: Eddy County, New Mexico

Description:
View East of backfill pit.



Photograph No. 8

Facility: Onsurez 1B Battery

County: Eddy County, New Mexico

Description:
Photo of seed mixture.



Photograph No. 9

Facility: Onsurez 1B Battery

County: Eddy County, New Mexico

Description:
View Northeast area of backfill.



PHOTOGRAPHIC LOG

Chevron U.S.A., Inc.

Photograph No. 10

Facility: Onsurez 1B Battery

County: Eddy County, New Mexico

Description:

View North area of backfill.



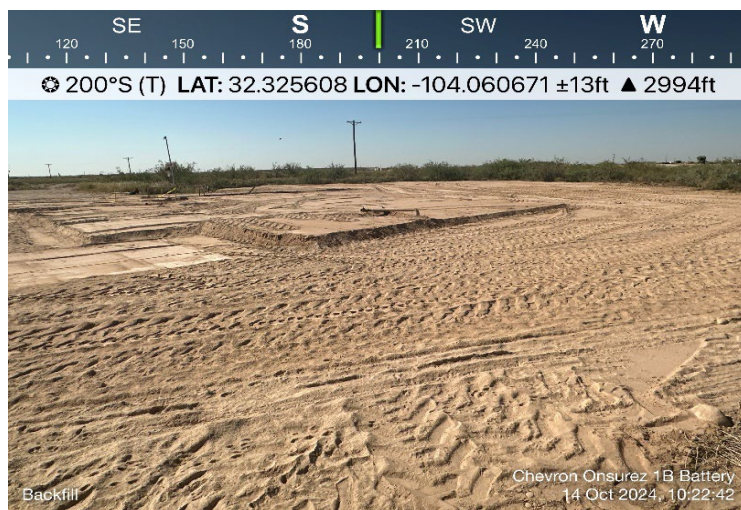
Photograph No. 11

Facility: Onsurez 1B Battery

County: Eddy County, New Mexico

Description:

View South area of backfill.



APPENDIX C

CARMONA RESOURCES



District I
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District IV
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

QUESTIONS

Action 361655

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 361655
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source <i>Please answer all the questions in this group.</i>	
Site Name	Onsurez 1B Battery
Date Release Discovered	07/08/2024
Surface Owner	Private

Incident Details <i>Please answer all the questions in this group.</i>	
Incident Type	Oil Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	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 <i>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.</i>	
Crude Oil Released (bbls) Details	Cause: Blow Out Valve Crude Oil Released: 26 BBL Recovered: 1 BBL Lost: 25 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
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)	Not answered.

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QUESTIONS, Page 2

Action 361655

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 361655
	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 Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
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 Paragraph 4 of Subsection B of 19.15.29.8 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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ACKNOWLEDGMENTS

Action 361655

ACKNOWLEDGMENTS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 361655
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

☒	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
☒	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.
☒	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.
☒	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.
☒	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.
☒	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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CONDITIONS

Action 361655

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 361655
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
klincoln	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	7/8/2024

Spilled Material: Crude Oil Only
Oil Released: 25.721 bbl
Oil Recovered: bbl
Water Released: bbl
Water Recovered: bbl

Calculation Details									
Area	Shape	Secondary Containment	Standing Liquid Dimension	Standing Liquid Volume	Water Cut	Oil Volume	Penetration Depth	Water to Soil Volume	Water Volume
1	Rectangle	Containment	32 ft x 32 ft x .25 in	4.370 bbl	0%	4.370 bbl	.25 in	0.570 bbl	
2	Rectangle	Land	100 ft x 100 ft x .125 in	21.336 bbl	0%	21.336 bbl	.125 in	2.783 bbl	
3	Rectangle	Land	150 ft x 150 ft x 0 in	0.015 bbl	0%	0.015 bbl	.0003 in	0.015 bbl	
4					%				
5					%				
6					%				
7					%				
Rec Vol									
Total Vol						25.721			

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QUESTIONS

Action 362541

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 362541
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2419056244
Incident Name	NAPP2419056244 ONSUREZ 1B BATTERY @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Received
Incident Facility	[fAPP2132845394] Onsurez 1B Battery

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Onsurez 1B Battery
Date Release Discovered	07/08/2024
Surface Owner	Private

Incident Details	
Please answer all the questions in this group.	
Incident Type	Oil Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	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: Blow Out Valve Crude Oil Released: 26 BBL Recovered: 4 BBL Lost: 22 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of 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)	Not answered.

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QUESTIONS, Page 2

Action 362541

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 362541
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

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 Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
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 Paragraph (4) of Subsection B of 19.15.29.8 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 Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: Kennedy Lincoln Title: Environmental Specialist Email: kennedy.lincoln@chevron.com Date: 07/16/2024
--	--

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QUESTIONS, Page 3

Action 362541

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 362541
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Not answered.
What method was used to determine the depth to ground water	Not answered.
Did this release impact groundwater or surface water	Not answered.
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Not answered.
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Not answered.
An occupied permanent residence, school, hospital, institution, or church	Not answered.
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Not answered.
Any other fresh water well or spring	Not answered.
Incorporated municipal boundaries or a defined municipal fresh water well field	Not answered.
A wetland	Not answered.
A subsurface mine	Not answered.
An (non-karst) unstable area	Not answered.
Categorize the risk of this well / site being in a karst geology	Not answered.
A 100-year floodplain	Not answered.
Did the release impact areas not on an exploration, development, production, or storage site	Not answered.

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	No
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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CONDITIONS

Action 362541

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 362541
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	7/16/2024

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QUESTIONS

Action 383243

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 383243
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2419056244
Incident Name	NAPP2419056244 ONSUREZ 1B BATTERY @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2132845394] Onsurez 1B Battery

Location of Release Source	
Site Name	Onsurez 1B Battery
Date Release Discovered	07/08/2024
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	8,450
What is the estimated number of samples that will be gathered	48
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/16/2024
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	(32.3253, -104.0602) Carmona Resources will be onsite from 09.16.2024 – 09.20.2024 to finish excavating and collect composite confirmation samples."

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CONDITIONS

Action 383243

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 383243
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
abarnhill	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	9/12/2024

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QUESTIONS

Action 385545

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 385545
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2419056244
Incident Name	NAPP2419056244 ONSUREZ 1B BATTERY @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2132845394] Onsurez 1B Battery

Location of Release Source	
Site Name	Onsurez 1B Battery
Date Release Discovered	07/08/2024
Surface Owner	Private

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	8,450
What is the estimated number of samples that will be gathered	48
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/24/2024
Time sampling will commence	08:00 AM
 Warning: Notification can not be less than two business days prior to conducting final sampling. 	
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	32.3253, -104.0602) Carmona Resources will be onsite from 09.24.2024 – 10.01.2024 to finish excavating and collect composite confirmation samples.

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CONDITIONS

Action 385545

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 385545
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
abarnhill	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	9/22/2024

APPENDIX D

CARMONA RESOURCES



Nearest water well

Chevron USA

Legend

- 0.08 Miles
- 0.16 Miles
- 0.18 Miles
- 0.20 Miles
- 0.50 Mile Radius
- NMSEO Water Well
- Onsurez 1B Battery (07.08.2024)
- USGS Water Well



15' - Drilled 1975

16' - Drilled 1971

19.44' - Drilled 2003

10' - Drilled 2018

Onsurez 1B Battery (07.08.2024)



medium karst

Chevron USA

Legend

- Medium
- Onsurez 1B Battery (07.08.2024)

Onsurez 1B Battery (07.08.2024)





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
O=orphaned,
C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 00512 EXPL	O	CUB	ED			1	11	23S	28E	588272	3576703*	256	200	16	184
C 00512		CUB	ED	4	1	1	11	23S	28E	588188	3576775	288	175	15	160
C 00512 CLW198323	O	CUB	ED	4	1	1	11	23S	28E	588167	3576806*	298	100		
C 00512 S		CUB	ED	4	1	1	11	23S	28E	588167	3576806*	298	100		
C 04216 POD2		CUB	ED	1	4	1	11	23S	28E	588465	3576555	325	20	10	10
C 04216 POD3		CUB	ED	1	4	1	11	23S	28E	588501	3576556	328	23	13	10
C 04216 POD1		CUB	ED	2	4	1	11	23S	28E	588488	3576534	348	20	10	10
C 00109		CUB	ED	1	3	3	04	23S	27E	588486	3576531	351	168	120	48
C 04216 POD4		CUB	ED	2	4	1	11	23S	28E	588499	3576513	371	20	10	10
C 00608		C	ED	3	3	1	11	23S	28E	587970	3576401*	683	200		
C 00315		CUB	ED	3	1	3	11	23S	28E	587973	3575995*	1009	100	45	55
C 03469 POD3		CUB	ED	3	4	3	11	23S	28E	588381	3575538	1344	47		
C 03469 POD1		CUB	ED	3	4	3	11	23S	28E	588374	3575538	1345	68	38	30
C 03469 POD2		CUB	ED	3	4	3	11	23S	28E	588382	3575506	1376	48		
C 04451 POD1		C	ED	4	4	4	10	23S	28E	587833	3575521	1495	120	57	63
C 04418 POD1		CUB	ED	4	2	1	12	23S	28E	590104	3576851	1647	55		
C 00235		C	ED		2	2	15	23S	28E	587676	3575280*	1781	160		
C 03460 POD1		CUB	ED	3	1	2	14	23S	28E	588857	3575004	1919	100	38	62
C 00616		CUB	ED	1	3	1	14	23S	28E	587982	3574978*	1961	120	30	90

Average Depth to Water: **33 feet**

Minimum Depth: **10 feet**

Maximum Depth: **120 feet**

Record Count: 19

UTMNAD83 Radius Search (in meters):

Easting (X): 588456

Northing (Y): 3576881.61

Radius: 2000

*UTM location was derived from PLSS - see Help

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7/22/24 12:59 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? S
				Groundwater	New Mexico	GO	

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Groundwater levels for New Mexico

Click to hide state-specific text

i Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 321927104033701

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 321927104033701 23S.28E.11.114421

Eddy County, New Mexico
Latitude 32°19'27", Longitude 104°03'37" NAD27
Land-surface elevation 2,991 feet above NAVD88
The depth of the well is 100 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source (measured)
1947-02-07			D 62610		2973.73	NGVD29	1		Z	
1947-02-07			D 62611		2975.30	NAVD88	1		Z	
1947-02-07			D 72019	15.70			1		Z	
1947-09-24			D 62610		2960.82	NGVD29	P		Z	
1947-09-24			D 62611		2962.39	NAVD88	P		Z	
1947-09-24			D 72019	28.61			P		Z	
1948-01-13			D 62610		2960.13	NGVD29	P		Z	
1948-01-13			D 62611		2961.70	NAVD88	P		Z	
1948-01-13			D 72019	29.30			P		Z	
1949-01-29			D 62610		2973.38	NGVD29	1		Z	
1949-01-29			D 62611		2974.95	NAVD88	1		Z	
1949-01-29			D 72019	16.05			1		Z	
1950-01-19			D 62610		2977.81	NGVD29	1		Z	
1950-01-19			D 62611		2979.38	NAVD88	1		Z	
1950-01-19			D 72019	11.62			1		Z	

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	S
1951-01-17	D	62610	2976.41	NGVD29	1	Z	
1951-01-17	D	62611	2977.98	NAVD88	1	Z	
1951-01-17	D	72019	13.02		1	Z	
1952-01-14	D	62610	2973.38	NGVD29	1	Z	
1952-01-14	D	62611	2974.95	NAVD88	1	Z	
1952-01-14	D	72019	16.05		1	Z	
1953-01-24	D	62610	2972.31	NGVD29	1	Z	
1953-01-24	D	62611	2973.88	NAVD88	1	Z	
1953-01-24	D	72019	17.12		1	Z	
1954-01-14	D	62610	2970.07	NGVD29	1	Z	
1954-01-14	D	62611	2971.64	NAVD88	1	Z	
1954-01-14	D	72019	19.36		1	Z	
1955-01-18	D	62610	2974.09	NGVD29	1	Z	
1955-01-18	D	62611	2975.66	NAVD88	1	Z	
1955-01-18	D	72019	15.34		1	Z	
1956-01-11	D	62610	2978.53	NGVD29	1	Z	
1956-01-11	D	62611	2980.10	NAVD88	1	Z	
1956-01-11	D	72019	10.90		1	Z	
1957-01-09	D	62610	2974.15	NGVD29	1	Z	
1957-01-09	D	62611	2975.72	NAVD88	1	Z	
1957-01-09	D	72019	15.28		1	Z	
1958-01-15	D	62610	2974.29	NGVD29	1	Z	
1958-01-15	D	62611	2975.86	NAVD88	1	Z	
1958-01-15	D	72019	15.14		1	Z	
1959-01-08	D	62610	2975.77	NGVD29	1	Z	
1959-01-08	D	62611	2977.34	NAVD88	1	Z	
1959-01-08	D	72019	13.66		1	Z	
1960-01-14	D	62610	2974.73	NGVD29	1	Z	
1960-01-14	D	62611	2976.30	NAVD88	1	Z	
1960-01-14	D	72019	14.70		1	Z	
1961-01-12	D	62610	2976.15	NGVD29	1	Z	
1961-01-12	D	62611	2977.72	NAVD88	1	Z	
1961-01-12	D	72019	13.28		1	Z	
1962-01-16	D	62610	2974.63	NGVD29	1	Z	
1962-01-16	D	62611	2976.20	NAVD88	1	Z	
1962-01-16	D	72019	14.80		1	Z	
1963-01-17	D	62610	2975.43	NGVD29	1	Z	
1963-01-17	D	62611	2977.00	NAVD88	1	Z	
1963-01-17	D	72019	14.00		1	Z	
1964-01-20	D	62610	2973.48	NGVD29	1	Z	
1964-01-20	D	62611	2975.05	NAVD88	1	Z	
1964-01-20	D	72019	15.95		1	Z	
1965-01-19	D	62610	2967.68	NGVD29	1	Z	
1965-01-19	D	62611	2969.25	NAVD88	1	Z	
1965-01-19	D	72019	21.75		1	Z	
1966-01-04	D	62610	2970.19	NGVD29	1	Z	
1966-01-04	D	62611	2971.76	NAVD88	1	Z	
1966-01-04	D	72019	19.24		1	Z	
1967-01-26	D	62610	2973.92	NGVD29	1	Z	
1967-01-26	D	62611	2975.49	NAVD88	1	Z	

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	S
1967-01-26	D	72019	15.51		1	Z	
1968-01-26	D	62610	2972.76	NGVD29	1	Z	
1968-01-26	D	62611	2974.33	NAVD88	1	Z	
1968-01-26	D	72019	16.67		1	Z	
1969-01-28	D	62610	2971.66	NGVD29	1	Z	
1969-01-28	D	62611	2973.23	NAVD88	1	Z	
1969-01-28	D	72019	17.77		1	Z	
1970-01-22	D	62610	2975.14	NGVD29	1	Z	
1970-01-22	D	62611	2976.71	NAVD88	1	Z	
1970-01-22	D	72019	14.29		1	Z	
1971-01-13	D	62610	2973.33	NGVD29	1	Z	
1971-01-13	D	62611	2974.90	NAVD88	1	Z	
1971-01-13	D	72019	16.10		1	Z	
1972-01-12	D	62610	2968.52	NGVD29	1	Z	
1972-01-12	D	62611	2970.09	NAVD88	1	Z	
1972-01-12	D	72019	20.91		1	Z	
1973-01-12	D	62610	2972.66	NGVD29	1	Z	
1973-01-12	D	62611	2974.23	NAVD88	1	Z	
1973-01-12	D	72019	16.77		1	Z	
1974-01-18	D	62610	2975.74	NGVD29	1	Z	
1974-01-18	D	62611	2977.31	NAVD88	1	Z	
1974-01-18	D	72019	13.69		1	Z	
1975-01-10	D	62610	2976.65	NGVD29	1	Z	
1975-01-10	D	62611	2978.22	NAVD88	1	Z	
1975-01-10	D	72019	12.78		1	Z	
1976-01-14	D	62610	2975.20	NGVD29	1	Z	
1976-01-14	D	62611	2976.77	NAVD88	1	Z	
1976-01-14	D	72019	14.23		1	Z	
1977-01-14	D	62610	2972.40	NGVD29	1	Z	
1977-01-14	D	62611	2973.97	NAVD88	1	Z	
1977-01-14	D	72019	17.03		1	Z	
1978-01-23	D	62610	2970.28	NGVD29	1	Z	
1978-01-23	D	62611	2971.85	NAVD88	1	Z	
1978-01-23	D	72019	19.15		1	Z	
1979-01-18	D	62610	2975.09	NGVD29	1	Z	
1979-01-18	D	62611	2976.66	NAVD88	1	Z	
1979-01-18	D	72019	14.34		1	Z	
1983-01-26	D	62610	2976.40	NGVD29	1	Z	
1983-01-26	D	62611	2977.97	NAVD88	1	Z	
1983-01-26	D	72019	13.03		1	Z	
1988-02-12	D	62610	2973.85	NGVD29	1	Z	
1988-02-12	D	62611	2975.42	NAVD88	1	Z	
1988-02-12	D	72019	15.58		1	Z	
1988-03-17	D	62610	2973.45	NGVD29	1	Z	
1988-03-17	D	62611	2975.02	NAVD88	1	Z	
1988-03-17	D	72019	15.98		1	Z	
1993-02-03	D	62610	2972.12	NGVD29	1	S	
1993-02-03	D	62611	2973.69	NAVD88	1	S	
1993-02-03	D	72019	17.31		1	S	
1995-07-19	D	62610	2971.03	NGVD29	1	S	

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	
1995-07-19	D	62611	2972.60	NAVD88	1	S	
1995-07-19	D	72019	18.40		1	S	
1996-01-25	D	62610	2971.67	NGVD29	1	S	
1996-01-25	D	62611	2973.24	NAVD88	1	S	
1996-01-25	D	72019	17.76		1	S	
2003-01-27	D	62610	2969.99	NGVD29	1	S	USGS
2003-01-27	D	62611	2971.56	NAVD88	1	S	USGS
2003-01-27	D	72019	19.44		1	S	USGS

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	P	Pumping
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

Questions or Comments

Help

Data Tips

Explanation of terms

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Page Contact Information: New Mexico Water Data Maintainer
Page Last Modified: 2024-07-22 15:07:03 EDT
0.28 0.25 nadww01



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)				(NAD83 UTM in meters)			
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
C	00512 EXPL			1	11	23S	28E	588272	3576703*
Driller License: 24		Driller Company:		BRININSTOOL, M.D.					
Driller Name:		BRININSTOOL, M.D.							
Drill Start Date: 07/12/1971		Drill Finish Date:		07/17/1971		Plug Date:			
Log File Date: 10/15/1971		PCW Rev Date:				Source:		Shallow	
Pump Type:		Pipe Discharge Size:				Estimated Yield:			
Casing Size:		Depth Well:		200 feet		Depth Water:		16 feet	
Water Bearing Stratifications:		Top	Bottom	Description					
		16	35	Shallow Alluvium/Basin Fill					

*UTM location was derived from PLSS - see Help

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New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	C 00512	4	1	1	11	23S	28E	588188	3576775



Driller License: 24 **Driller Company:** BRININSTOOL, M.D.

Driller Name: BRININSTOOL, M.D.

Drill Start Date:	05/04/1975	Drill Finish Date:	05/20/1975	Plug Date:	
Log File Date:	05/11/1976	PCW Rcv Date:	10/22/1976	Source:	Shallow
Pump Type:	TURBIN	Pipe Discharge Size:	4"	Estimated Yield:	300 GPM
Casing Size:	16.00	Depth Well:	175 feet	Depth Water:	15 feet

Water Bearing Stratifications:	Top	Bottom	Description
	15	28	Shallow Alluvium/Basin Fill

Casing Perforations:	Top	Bottom
	15	90

Meter Number:	5520	Meter Make:	MCCROMETER
Meter Serial Number:	02-4-1040	Meter Multiplier:	100.0000
Number of Dials:	6	Meter Type:	Diversion
Unit of Measure:	Gallons	Return Flow Percent:	
Usage Multiplier:		Reading Frequency:	

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount Online
03/27/2002	2002	0	A	tw		0
05/07/2002	2002	391	A	tw		0.120
06/12/2002	2002	1914	A	tw		0.467
09/03/2002	2002	3920	A	tw		0.616
01/13/2003	2002	4253	A	tw		0.102
04/02/2003	2003	4451	A	tw		0.061
06/04/2003	2003	4729	A	tw		0.085
08/02/2003	2003	4932	A	tw		0.062
10/27/2003	2003	4932	A	tw		0
01/07/2004	2003	4932	A	tw		0
04/27/2004	2004	4932	A	tw		0
07/15/2004	2004	5085	A	tw		0.047
10/20/2004	2004	649	R	tw	Meter Rollover	305.527
01/03/2005	2004	649	A	tw		0
03/01/2005	2005	649	A	tw		0
07/06/2005	2005	675	A	tw		0.008
10/19/2005	2005	675	A	tw		0
01/05/2006	2005	675	A	tw		0
04/06/2006	2006	676	A	tw		0
07/06/2006	2006	676	A	tw		0

01/09/2007	2007	676	A	tw	0
01/03/2008	2007	55046	A	tw	16.686
04/24/2008	2008	85512	A	tw	9.350
07/17/2008	2008	98411	A	tw	3.959
10/02/2008	2008	103913	A	tw	1.689
01/15/2009	2008	104404	A	tw	0.151
04/22/2009	2009	123664	A	tw	5.911
08/04/2009	2009	142056	A	tw	5.644
01/06/2010	2009	160768	A	tw	5.743
06/02/2010	2010	160899	A	tw	0.040
01/12/2011	2010	160899	A	tw	0
01/23/2012	2011	170841	A	tw	3.051
03/12/2012	2012	170841	A	tw	0
07/24/2012	2012	171317	A	tw	0.146
02/13/2013	2012	171504	A	tw	0.057
11/05/2013	2013	172273	A	tw	0.236
07/22/2014	2014	172369	A	tw	0.029
02/24/2016	2015	172706	A	tw	0.103
08/11/2016	2016	178853	A	tw	1.886
12/27/2016	2016	172959	C	tw	Meter Reading Correction -1.809
07/18/2017	2017	173150	A	tw	0.059
01/08/2018	2017	173271	A	tw	0.037

**YTD Meter Amounts:			Year	Amount
			2002	1.305
			2003	0.208
			2004	305.574
			2005	0.008
			2006	0
			2007	16.686
			2008	15.149
			2009	17.298
			2010	0.040
			2011	3.051
			2012	0.203
			2013	0.236
			2014	0.029
			2015	0.103
			2016	0.077
			2017	0.096

Meter Number:	15518	Meter Make:	MASTER
Meter Serial Number:	2680127	Meter Multiplier:	100.0000
Number of Dials:	6	Meter Type:	Diversion
Unit of Measure:	Gallons	Return Flow Percent:	
Usage Multiplier:		Reading Frequency:	

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount Online
02/02/2012	2012	17	A	RPT		0

04/03/2012	2012	2594	A	RPT	0.791
x					
**YTD Meter Amounts:		Year	Amount		
		2012			0.791
x					

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7/22/24 1:04 PM

POINT OF DIVERSION SUMMARY



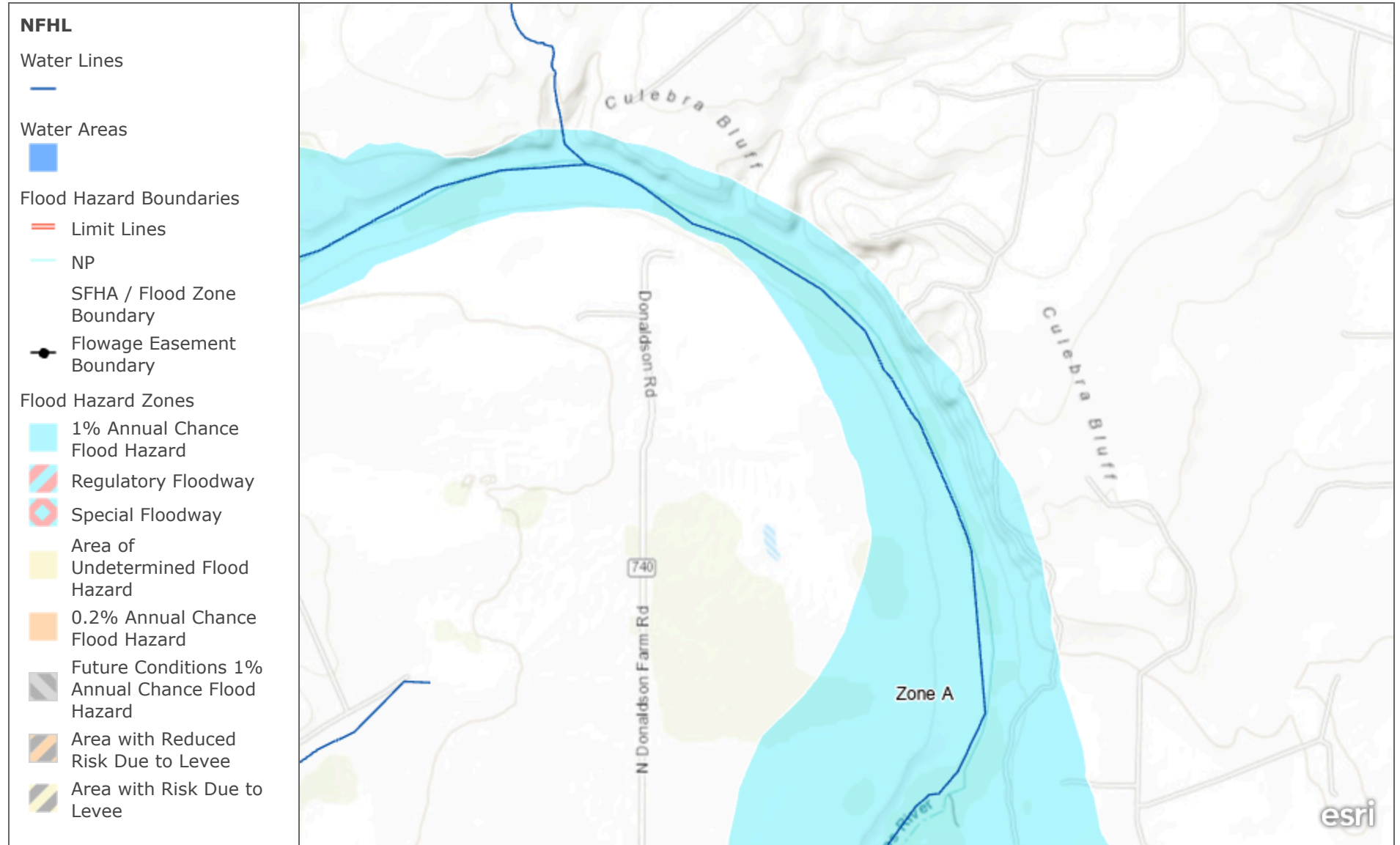
New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(quarters are smallest to largest)				(NAD83 UTM in meters)		
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y			
NA	C 04216 POD2	1	4	1	11	23S	28E	588465	3576555			
x												
Driller License:		1249		Driller Company:			ATKINS ENGINEERING ASSOC. INC.					
Driller Name:		ATKINS, JACKIE D.										
Drill Start Date:		04/04/2018		Drill Finish Date:			04/04/2018		Plug Date:			
Log File Date:		04/18/2018		PCW Rev Date:			Source:			Shallow		
Pump Type:					Pipe Discharge Size:			Estimated Yield:				
Casing Size:		2.00		Depth Well:			20 feet		Depth Water:		10 feet	
x												
Water Bearing Stratifications:					Top	Bottom	Description					
					5	20	Sandstone/Gravel/Conglomerate					
x												
Casing Perforations:					Top	Bottom						
					5	20						
x												

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FEMA National Flood Hazard Layer (NFHL)



FEMA flood layer

0.3mi

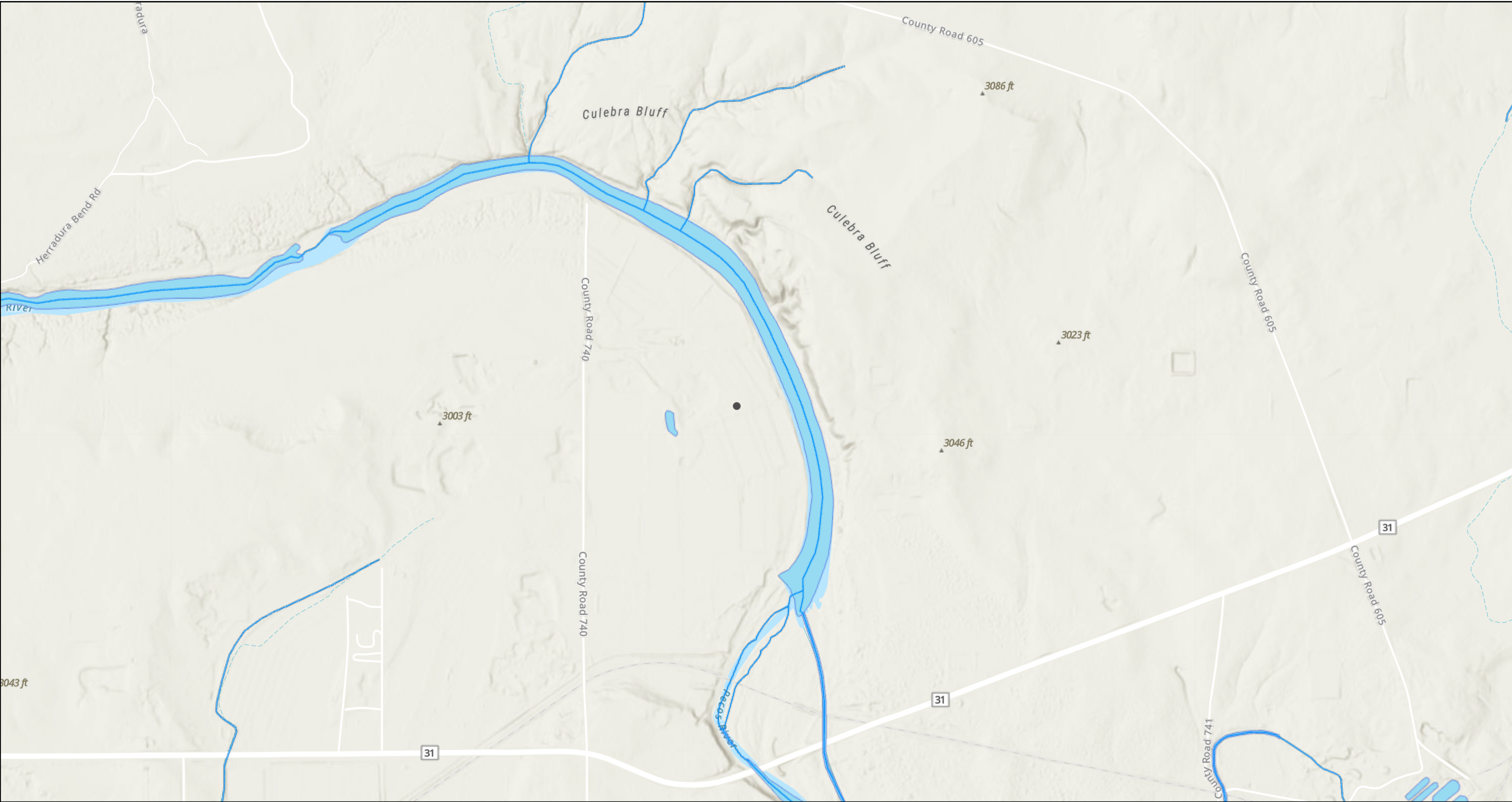
Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, EPA, USDA

FEMA National Flood Hazard Layer (NFHL)



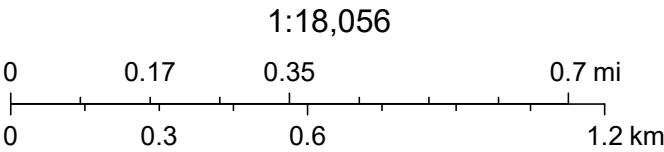
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Onsurez 1B Battery (07.08.2024)



7/22/2024, 1:56:04 PM

- OSW Water Bodies
- OSE Streams



Esri, NASA, NGA, USGS, FEMA, Esri Community Maps Contributors, New Mexico State University, Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, NM OSE

APPENDIX E

CARMONA RESOURCES





Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Ashton Thielke
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 8/12/2024 4:58:52 PM

JOB DESCRIPTION

Onzurez 1B Battery (07.08.2024)
Eddy Co, NM

JOB NUMBER

880-46961-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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8/12/2024 4:58:52 PM

Authorized for release by
Jessica Kramer, Project Manager
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(432)704-5440

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Laboratory Job ID: 880-46961-1
SDG: Eddy Co, NM

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	7
Surrogate Summary	19
QC Sample Results	21
QC Association Summary	29
Lab Chronicle	34
Certification Summary	39
Method Summary	40
Sample Summary	41
Chain of Custody	42
Receipt Checklists	44

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources
Project: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1

Job ID: 880-46961-1

Eurofins Midland

Job Narrative 880-46961-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 8/6/2024 4:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 7.8°C.

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: S-4 (0-0.5') (880-46961-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-87745 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-87722/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-87724 and analytical batch 880-88017 was outside the control limits.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-87724 and analytical batch 880-88017 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: S-4 (0.5'-1.0') (880-46961-13). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: S-4 (0-0.5') (880-46961-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-88007 and analytical batch 880-88089 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-88007/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-88089 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is impacted: (CCV 880-88089/21).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Case Narrative

Client: Carmona Resources
Project: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1

Job ID: 880-46961-1 (Continued)

Eurofins Midland

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Client Sample Results

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (0-0.5')
Date Collected: 08/06/24 00:00
Date Received: 08/06/24 16:45

Lab Sample ID: 880-46961-1
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/07/24 10:49	08/09/24 11:57	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/07/24 10:49	08/09/24 11:57	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/07/24 10:49	08/09/24 11:57	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/07/24 10:49	08/09/24 11:57	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/07/24 10:49	08/09/24 11:57	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/07/24 10:49	08/09/24 11:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				08/07/24 10:49	08/09/24 11:57	1
1,4-Difluorobenzene (Surr)	96		70 - 130				08/07/24 10:49	08/09/24 11:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/09/24 11:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/07/24 23:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/07/24 08:59	08/07/24 23:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/07/24 08:59	08/07/24 23:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/07/24 08:59	08/07/24 23:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				08/07/24 08:59	08/07/24 23:06	1
o-Terphenyl	118		70 - 130				08/07/24 08:59	08/07/24 23:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	500		5.02		mg/Kg			08/08/24 18:57	1

Client Sample ID: S-1 (0.5'-1.0')
Date Collected: 08/06/24 00:00
Date Received: 08/06/24 16:45

Lab Sample ID: 880-46961-2
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/07/24 10:49	08/09/24 12:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/07/24 10:49	08/09/24 12:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/07/24 10:49	08/09/24 12:17	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/07/24 10:49	08/09/24 12:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/07/24 10:49	08/09/24 12:17	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/07/24 10:49	08/09/24 12:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				08/07/24 10:49	08/09/24 12:17	1
1,4-Difluorobenzene (Surr)	93		70 - 130				08/07/24 10:49	08/09/24 12:17	1

Client Sample Results

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (0.5'-1.0')
Date Collected: 08/06/24 00:00
Date Received: 08/06/24 16:45

Lab Sample ID: 880-46961-2
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/09/24 12:17	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.8	U	49.8		mg/Kg			08/09/24 16:49	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/07/24 09:36	08/09/24 16:49	1	
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/07/24 09:36	08/09/24 16:49	1	
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/07/24 09:36	08/09/24 16:49	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	124		70 - 130				08/07/24 09:36	08/09/24 16:49	1	
o-Terphenyl	106		70 - 130				08/07/24 09:36	08/09/24 16:49	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	402		5.00		mg/Kg			08/08/24 19:02	1	

Client Sample ID: S-1 (1.5')R
Date Collected: 08/06/24 00:00
Date Received: 08/06/24 16:45

Lab Sample ID: 880-46961-3
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00199	U	0.00199		mg/Kg		08/07/24 10:49	08/09/24 12:38	1	
Toluene	<0.00199	U	0.00199		mg/Kg		08/07/24 10:49	08/09/24 12:38	1	
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/07/24 10:49	08/09/24 12:38	1	
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/07/24 10:49	08/09/24 12:38	1	
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/07/24 10:49	08/09/24 12:38	1	
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/07/24 10:49	08/09/24 12:38	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	101		70 - 130				08/07/24 10:49	08/09/24 12:38	1	
1,4-Difluorobenzene (Surr)	90		70 - 130				08/07/24 10:49	08/09/24 12:38	1	

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/09/24 12:38	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	86.2		49.9		mg/Kg			08/09/24 17:07	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/07/24 09:36	08/09/24 17:07	1	
Diesel Range Organics (Over C10-C28)	86.2		49.9		mg/Kg		08/07/24 09:36	08/09/24 17:07	1	

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (1.5')R
Date Collected: 08/06/24 00:00
Date Received: 08/06/24 16:45

Lab Sample ID: 880-46961-3
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/07/24 09:36	08/09/24 17:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				08/07/24 09:36	08/09/24 17:07	1
o-Terphenyl	103		70 - 130				08/07/24 09:36	08/09/24 17:07	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	534		4.98		mg/Kg			08/08/24 19:07	1

Client Sample ID: S-2 (0-0.5')
Date Collected: 08/06/24 00:00
Date Received: 08/06/24 16:45

Lab Sample ID: 880-46961-4
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/07/24 10:49	08/09/24 12:58	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/07/24 10:49	08/09/24 12:58	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/07/24 10:49	08/09/24 12:58	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/07/24 10:49	08/09/24 12:58	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/07/24 10:49	08/09/24 12:58	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/07/24 10:49	08/09/24 12:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				08/07/24 10:49	08/09/24 12:58	1
1,4-Difluorobenzene (Surr)	92		70 - 130				08/07/24 10:49	08/09/24 12:58	1
Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			08/09/24 12:58	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/09/24 17:37	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/07/24 09:36	08/09/24 17:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/07/24 09:36	08/09/24 17:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/07/24 09:36	08/09/24 17:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130				08/07/24 09:36	08/09/24 17:37	1
o-Terphenyl	111		70 - 130				08/07/24 09:36	08/09/24 17:37	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.4		4.97		mg/Kg			08/08/24 19:12	1

Client Sample Results

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (0.5'-1.0')

Lab Sample ID: 880-46961-5

Date Collected: 08/06/24 00:00

Matrix: Solid

Date Received: 08/06/24 16:45

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/07/24 10:49	08/09/24 13:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/07/24 10:49	08/09/24 13:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/07/24 10:49	08/09/24 13:19	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/07/24 10:49	08/09/24 13:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/07/24 10:49	08/09/24 13:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/07/24 10:49	08/09/24 13:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	08/07/24 10:49	08/09/24 13:19	1
1,4-Difluorobenzene (Surr)	91		70 - 130	08/07/24 10:49	08/09/24 13:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/09/24 13:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/09/24 17:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/07/24 09:36	08/09/24 17:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/07/24 09:36	08/09/24 17:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/07/24 09:36	08/09/24 17:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	08/07/24 09:36	08/09/24 17:54	1
o-Terphenyl	96		70 - 130	08/07/24 09:36	08/09/24 17:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	453		4.97		mg/Kg			08/08/24 19:28	1

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-46961-6

Date Collected: 08/06/24 00:00

Matrix: Solid

Date Received: 08/06/24 16:45

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/07/24 10:49	08/09/24 13:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/07/24 10:49	08/09/24 13:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/07/24 10:49	08/09/24 13:39	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/07/24 10:49	08/09/24 13:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/07/24 10:49	08/09/24 13:39	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/07/24 10:49	08/09/24 13:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	08/07/24 10:49	08/09/24 13:39	1
1,4-Difluorobenzene (Surr)	90		70 - 130	08/07/24 10:49	08/09/24 13:39	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (1.5')
Date Collected: 08/06/24 00:00
Date Received: 08/06/24 16:45

Lab Sample ID: 880-46961-6
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/09/24 13:39	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.7	U	49.7		mg/Kg			08/09/24 18:12	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/07/24 09:36	08/09/24 18:12	1	
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/07/24 09:36	08/09/24 18:12	1	
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/07/24 09:36	08/09/24 18:12	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	116		70 - 130				08/07/24 09:36	08/09/24 18:12	1	
o-Terphenyl	103		70 - 130				08/07/24 09:36	08/09/24 18:12	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	327		5.02		mg/Kg			08/08/24 19:34	1	

Client Sample ID: S-2 (2.0')
Date Collected: 08/06/24 00:00
Date Received: 08/06/24 16:45

Lab Sample ID: 880-46961-7
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/07/24 10:49	08/09/24 14:00	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/07/24 10:49	08/09/24 14:00	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/07/24 10:49	08/09/24 14:00	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/07/24 10:49	08/09/24 14:00	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/07/24 10:49	08/09/24 14:00	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/07/24 10:49	08/09/24 14:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				08/07/24 10:49	08/09/24 14:00	1
1,4-Difluorobenzene (Surr)	92		70 - 130				08/07/24 10:49	08/09/24 14:00	1
Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/09/24 14:00	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/09/24 18:30	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/07/24 09:36	08/09/24 18:30	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/07/24 09:36	08/09/24 18:30	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (2.0')
Date Collected: 08/06/24 00:00
Date Received: 08/06/24 16:45

Lab Sample ID: 880-46961-7
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/07/24 09:36	08/09/24 18:30	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	115		70 - 130				08/07/24 09:36	08/09/24 18:30	1	
o-Terphenyl	101		70 - 130				08/07/24 09:36	08/09/24 18:30	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	896		4.98		mg/Kg			08/08/24 19:49	1	

Client Sample ID: S-2 (3.0') R
Date Collected: 08/06/24 00:00
Date Received: 08/06/24 16:45

Lab Sample ID: 880-46961-8
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00202	U	0.00202		mg/Kg		08/07/24 10:49	08/09/24 14:20	1	
Toluene	<0.00202	U	0.00202		mg/Kg		08/07/24 10:49	08/09/24 14:20	1	
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/07/24 10:49	08/09/24 14:20	1	
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/07/24 10:49	08/09/24 14:20	1	
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/07/24 10:49	08/09/24 14:20	1	
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/07/24 10:49	08/09/24 14:20	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	105		70 - 130				08/07/24 10:49	08/09/24 14:20	1	
1,4-Difluorobenzene (Surr)	92		70 - 130				08/07/24 10:49	08/09/24 14:20	1	

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/09/24 14:20	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.8	U	49.8		mg/Kg			08/09/24 18:47	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/07/24 09:36	08/09/24 18:47	1	
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/07/24 09:36	08/09/24 18:47	1	
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/07/24 09:36	08/09/24 18:47	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	115		70 - 130				08/07/24 09:36	08/09/24 18:47	1	
o-Terphenyl	102		70 - 130				08/07/24 09:36	08/09/24 18:47	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	1050		25.0		mg/Kg			08/08/24 19:55	5	

Client Sample Results

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (0-0.5')
Date Collected: 08/06/24 00:00
Date Received: 08/06/24 16:45

Lab Sample ID: 880-46961-9
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/07/24 10:49	08/09/24 16:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/07/24 10:49	08/09/24 16:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/07/24 10:49	08/09/24 16:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/07/24 10:49	08/09/24 16:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/07/24 10:49	08/09/24 16:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/07/24 10:49	08/09/24 16:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				08/07/24 10:49	08/09/24 16:26	1
1,4-Difluorobenzene (Surr)	90		70 - 130				08/07/24 10:49	08/09/24 16:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/09/24 16:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	156		49.8		mg/Kg			08/09/24 15:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/07/24 09:36	08/09/24 15:56	1
Diesel Range Organics (Over C10-C28)	156	F1	49.8		mg/Kg		08/07/24 09:36	08/09/24 15:56	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/07/24 09:36	08/09/24 15:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				08/07/24 09:36	08/09/24 15:56	1
o-Terphenyl	108		70 - 130				08/07/24 09:36	08/09/24 15:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1860		25.1		mg/Kg			08/08/24 20:00	5

Client Sample ID: S-3 (0.5'-1.0')
Date Collected: 08/06/24 00:00
Date Received: 08/06/24 16:45

Lab Sample ID: 880-46961-10
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/07/24 10:49	08/09/24 16:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/07/24 10:49	08/09/24 16:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/07/24 10:49	08/09/24 16:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/07/24 10:49	08/09/24 16:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/07/24 10:49	08/09/24 16:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/07/24 10:49	08/09/24 16:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				08/07/24 10:49	08/09/24 16:46	1
1,4-Difluorobenzene (Surr)	94		70 - 130				08/07/24 10:49	08/09/24 16:46	1

Client Sample Results

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (0.5'-1.0')
Date Collected: 08/06/24 00:00
Date Received: 08/06/24 16:45

Lab Sample ID: 880-46961-10
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/09/24 16:46	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.9	U	49.9		mg/Kg			08/09/24 19:05	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/07/24 09:36	08/09/24 19:05	1	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/07/24 09:36	08/09/24 19:05	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/07/24 09:36	08/09/24 19:05	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	119		70 - 130				08/07/24 09:36	08/09/24 19:05	1	
o-Terphenyl	106		70 - 130				08/07/24 09:36	08/09/24 19:05	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	1160		49.7		mg/Kg			08/08/24 20:05	10	

Client Sample ID: S-3 (1.5') R
Date Collected: 08/06/24 00:00
Date Received: 08/06/24 16:45

Lab Sample ID: 880-46961-11
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/07/24 10:49	08/09/24 17:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/07/24 10:49	08/09/24 17:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/07/24 10:49	08/09/24 17:07	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/07/24 10:49	08/09/24 17:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/07/24 10:49	08/09/24 17:07	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/07/24 10:49	08/09/24 17:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				08/07/24 10:49	08/09/24 17:07	1
1,4-Difluorobenzene (Surr)	92		70 - 130				08/07/24 10:49	08/09/24 17:07	1
Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/09/24 17:07	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/09/24 19:23	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/07/24 09:36	08/09/24 19:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/07/24 09:36	08/09/24 19:23	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (1.5') R
Date Collected: 08/06/24 00:00
Date Received: 08/06/24 16:45

Lab Sample ID: 880-46961-11
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/07/24 09:36	08/09/24 19:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				08/07/24 09:36	08/09/24 19:23	1
o-Terphenyl	101		70 - 130				08/07/24 09:36	08/09/24 19:23	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1340		49.8		mg/Kg			08/08/24 20:10	10

Client Sample ID: S-4 (0-0.5')
Date Collected: 08/06/24 00:00
Date Received: 08/06/24 16:45

Lab Sample ID: 880-46961-12
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.100	U	0.100		mg/Kg		08/07/24 10:49	08/09/24 14:41	50
Toluene	1.26		0.100		mg/Kg		08/07/24 10:49	08/09/24 14:41	50
Ethylbenzene	2.56		0.100		mg/Kg		08/07/24 10:49	08/09/24 14:41	50
m-Xylene & p-Xylene	9.38		0.201		mg/Kg		08/07/24 10:49	08/09/24 14:41	50
o-Xylene	4.17		0.100		mg/Kg		08/07/24 10:49	08/09/24 14:41	50
Xylenes, Total	13.6		0.201		mg/Kg		08/07/24 10:49	08/09/24 14:41	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	205	S1+	70 - 130				08/07/24 10:49	08/09/24 14:41	50
1,4-Difluorobenzene (Surr)	143	S1+	70 - 130				08/07/24 10:49	08/09/24 14:41	50
Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	17.4		0.201		mg/Kg			08/09/24 14:41	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	15600		99.9		mg/Kg			08/11/24 05:52	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	498		99.9		mg/Kg		08/09/24 12:39	08/11/24 05:52	2
Diesel Range Organics (Over C10-C28)	15100	*-	99.9		mg/Kg		08/09/24 12:39	08/11/24 05:52	2
Oil Range Organics (Over C28-C36)	<99.9	U	99.9		mg/Kg		08/09/24 12:39	08/11/24 05:52	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130				08/09/24 12:39	08/11/24 05:52	2
o-Terphenyl	635	S1+	70 - 130				08/09/24 12:39	08/11/24 05:52	2
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	914		4.98		mg/Kg			08/08/24 20:15	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1
SDG: Eddy Co, NM

Client Sample ID: S-4 (0.5'-1.0')
Date Collected: 08/06/24 00:00
Date Received: 08/06/24 16:45

Lab Sample ID: 880-46961-13
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0996	U	0.0996		mg/Kg		08/07/24 10:49	08/09/24 15:02	50
Toluene	<0.0996	U	0.0996		mg/Kg		08/07/24 10:49	08/09/24 15:02	50
Ethylbenzene	0.162		0.0996		mg/Kg		08/07/24 10:49	08/09/24 15:02	50
m-Xylene & p-Xylene	0.508		0.199		mg/Kg		08/07/24 10:49	08/09/24 15:02	50
o-Xylene	11.6		0.0996		mg/Kg		08/07/24 10:49	08/09/24 15:02	50
Xylenes, Total	12.1		0.199		mg/Kg		08/07/24 10:49	08/09/24 15:02	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				08/07/24 10:49	08/09/24 15:02	50
1,4-Difluorobenzene (Surr)	114		70 - 130				08/07/24 10:49	08/09/24 15:02	50

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	12.3		0.199		mg/Kg			08/09/24 15:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	4100		50.0		mg/Kg			08/09/24 20:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	64.1		50.0		mg/Kg		08/07/24 09:36	08/09/24 20:15	1
Diesel Range Organics (Over C10-C28)	4040		50.0		mg/Kg		08/07/24 09:36	08/09/24 20:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/07/24 09:36	08/09/24 20:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				08/07/24 09:36	08/09/24 20:15	1
o-Terphenyl	164	S1+	70 - 130				08/07/24 09:36	08/09/24 20:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	165		4.98		mg/Kg			08/08/24 20:21	1

Client Sample ID: S-4 (1.5') R
Date Collected: 08/06/24 00:00
Date Received: 08/06/24 16:45

Lab Sample ID: 880-46961-14
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/07/24 10:49	08/09/24 17:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/07/24 10:49	08/09/24 17:27	1
Ethylbenzene	0.00418		0.00199		mg/Kg		08/07/24 10:49	08/09/24 17:27	1
m-Xylene & p-Xylene	0.0141		0.00398		mg/Kg		08/07/24 10:49	08/09/24 17:27	1
o-Xylene	0.00876		0.00199		mg/Kg		08/07/24 10:49	08/09/24 17:27	1
Xylenes, Total	0.0229		0.00398		mg/Kg		08/07/24 10:49	08/09/24 17:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				08/07/24 10:49	08/09/24 17:27	1
1,4-Difluorobenzene (Surr)	91		70 - 130				08/07/24 10:49	08/09/24 17:27	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1
SDG: Eddy Co, NM

Client Sample ID: S-4 (1.5') R

Lab Sample ID: 880-46961-14

Date Collected: 08/06/24 00:00

Matrix: Solid

Date Received: 08/06/24 16:45

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	0.0270		0.00398		mg/Kg			08/09/24 17:27	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	1140		49.8		mg/Kg			08/09/24 20:32	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/07/24 09:36	08/09/24 20:32	1	
Diesel Range Organics (Over C10-C28)	1140		49.8		mg/Kg		08/07/24 09:36	08/09/24 20:32	1	
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/07/24 09:36	08/09/24 20:32	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	112		70 - 130				08/07/24 09:36	08/09/24 20:32	1	
o-Terphenyl	119		70 - 130				08/07/24 09:36	08/09/24 20:32	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	77.9		4.95		mg/Kg			08/08/24 20:05	1	

Client Sample ID: S-5 (0-0.25')

Lab Sample ID: 880-46961-15

Date Collected: 08/06/24 00:00

Matrix: Solid

Date Received: 08/06/24 16:45

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/07/24 10:49	08/09/24 17:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/07/24 10:49	08/09/24 17:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/07/24 10:49	08/09/24 17:48	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/07/24 10:49	08/09/24 17:48	1
o-Xylene	0.0294		0.00200		mg/Kg		08/07/24 10:49	08/09/24 17:48	1
Xylenes, Total	0.0294		0.00399		mg/Kg		08/07/24 10:49	08/09/24 17:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				08/07/24 10:49	08/09/24 17:48	1
1,4-Difluorobenzene (Surr)	90		70 - 130				08/07/24 10:49	08/09/24 17:48	1
Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0294		0.00399		mg/Kg			08/09/24 17:48	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1240		49.7		mg/Kg			08/09/24 20:49	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/07/24 09:36	08/09/24 20:49	1
Diesel Range Organics (Over C10-C28)	1240		49.7		mg/Kg		08/07/24 09:36	08/09/24 20:49	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1
SDG: Eddy Co, NM

Client Sample ID: S-5 (0-0.25')
Date Collected: 08/06/24 00:00
Date Received: 08/06/24 16:45

Lab Sample ID: 880-46961-15
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/07/24 09:36	08/09/24 20:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				08/07/24 09:36	08/09/24 20:49	1
o-Terphenyl	125		70 - 130				08/07/24 09:36	08/09/24 20:49	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2510		24.8		mg/Kg			08/08/24 20:23	5

Client Sample ID: S-5 (0.25'-0.5')
Date Collected: 08/06/24 00:00
Date Received: 08/06/24 16:45

Lab Sample ID: 880-46961-16
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00201	U	0.00201		mg/Kg		08/07/24 10:49	08/09/24 18:08	1	
Toluene	<0.00201	U	0.00201		mg/Kg		08/07/24 10:49	08/09/24 18:08	1	
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/07/24 10:49	08/09/24 18:08	1	
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/07/24 10:49	08/09/24 18:08	1	
o-Xylene	0.0149		0.00201		mg/Kg		08/07/24 10:49	08/09/24 18:08	1	
Xylenes, Total	0.0149		0.00402		mg/Kg		08/07/24 10:49	08/09/24 18:08	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	98		70 - 130				08/07/24 10:49	08/09/24 18:08	1	
1,4-Difluorobenzene (Surr)	92		70 - 130				08/07/24 10:49	08/09/24 18:08	1	

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	0.0149		0.00402		mg/Kg			08/09/24 18:08	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	84.9		49.9		mg/Kg			08/09/24 21:06	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/07/24 09:36	08/09/24 21:06	1	
Diesel Range Organics (Over C10-C28)	84.9		49.9		mg/Kg		08/07/24 09:36	08/09/24 21:06	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/07/24 09:36	08/09/24 21:06	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	118		70 - 130				08/07/24 09:36	08/09/24 21:06	1	
o-Terphenyl	107		70 - 130				08/07/24 09:36	08/09/24 21:06	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	504		5.04		mg/Kg			08/08/24 20:29	1	

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Surrogate Summary

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)
Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	BFB1	DFBZ1				
		(70-130)	(70-130)				
880-46961-1	S-1 (0-0.5')	100	96				
880-46961-1 MS	S-1 (0-0.5')	94	98				
880-46961-1 MSD	S-1 (0-0.5')	93	97				
880-46961-2	S-1 (0.5'-1.0')	98	93				
880-46961-3	S-1 (1.5')R	101	90				
880-46961-4	S-2 (0-0.5')	109	92				
880-46961-5	S-2 (0.5'-1.0')	105	91				
880-46961-6	S-2 (1.5')	103	90				
880-46961-7	S-2 (2.0')	103	92				
880-46961-8	S-2 (3.0') R	105	92				
880-46961-9	S-3 (0-0.5')	95	90				
880-46961-10	S-3 (0.5'-1.0')	102	94				
880-46961-11	S-3 (1.5') R	102	92				
880-46961-12	S-4 (0-0.5')	205 S1+	143 S1+				
880-46961-13	S-4 (0.5'-1.0')	94	114				
880-46961-14	S-4 (1.5') R	96	91				
880-46961-15	S-5 (0-0.25')	99	90				
880-46961-16	S-5 (0.25'-0.5')	98	92				
LCS 880-87730/1-A	Lab Control Sample	91	100				
LCSD 880-87730/2-A	Lab Control Sample Dup	94	101				
MB 880-87730/5-A	Method Blank	100	82				
Surrogate Legend							
BFB = 4-Bromofluorobenzene (Surr)							
DFBZ = 1,4-Difluorobenzene (Surr)							

Method: 8015B NM - Diesel Range Organics (DRO) (GC)
Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	1CO1	OTPH1				
		(70-130)	(70-130)				
880-46961-1	S-1 (0-0.5')	116	118				
880-46961-2	S-1 (0.5'-1.0')	124	106				
880-46961-3	S-1 (1.5')R	122	103				
880-46961-4	S-2 (0-0.5')	128	111				
880-46961-5	S-2 (0.5'-1.0')	110	96				
880-46961-6	S-2 (1.5')	116	103				
880-46961-7	S-2 (2.0')	115	101				
880-46961-8	S-2 (3.0') R	115	102				
880-46961-9	S-3 (0-0.5')	119	108				
880-46961-9 MS	S-3 (0-0.5')	98	92				
880-46961-9 MSD	S-3 (0-0.5')	101	95				
880-46961-10	S-3 (0.5'-1.0')	119	106				
880-46961-11	S-3 (1.5') R	114	101				
880-46961-12	S-4 (0-0.5')	125	635 S1+				
880-46961-13	S-4 (0.5'-1.0')	97	164 S1+				
880-46961-14	S-4 (1.5') R	112	119				
880-46961-15	S-5 (0-0.25')	108	125				
880-46961-16	S-5 (0.25'-0.5')	118	107				

Surrogate Summary

Client: Carmona Resources

Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1

SDG: Eddy Co, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
885-9443-A-2-B MS	Matrix Spike	97	90
885-9443-A-2-C MSD	Matrix Spike Duplicate	97	92
890-6985-A-14-B MS	Matrix Spike	117	129
890-6985-A-14-C MSD	Matrix Spike Duplicate	116	129
LCS 880-87722/2-A	Lab Control Sample	121	135 S1+
LCS 880-87724/2-A	Lab Control Sample	108	103
LCS 880-88007/2-A	Lab Control Sample	74	70
LCSD 880-87722/3-A	Lab Control Sample Dup	115	126
LCSD 880-87724/3-A	Lab Control Sample Dup	102	94
LCSD 880-88007/3-A	Lab Control Sample Dup	74	69 S1-
MB 880-87722/1-A	Method Blank	118	117
MB 880-87724/1-A	Method Blank	205 S1+	175 S1+
MB 880-88007/1-A	Method Blank	81	74
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-87730/5-A							Client Sample ID: Method Blank							
Matrix: Solid							Prep Type: Total/NA							
Analysis Batch: 87959							Prep Batch: 87730							
Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac					
	Result	Qualifier												
	Benzene	<0.00200 U								0.00200	mg/Kg	08/07/24 10:49	08/09/24 11:35	1
	Toluene	<0.00200 U								0.00200	mg/Kg	08/07/24 10:49	08/09/24 11:35	1
	Ethylbenzene	<0.00200 U								0.00200	mg/Kg	08/07/24 10:49	08/09/24 11:35	1
	m-Xylene & p-Xylene	<0.00400 U								0.00400	mg/Kg	08/07/24 10:49	08/09/24 11:35	1
	o-Xylene	<0.00200 U								0.00200	mg/Kg	08/07/24 10:49	08/09/24 11:35	1
	Xylenes, Total	<0.00400 U								0.00400	mg/Kg	08/07/24 10:49	08/09/24 11:35	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac					
	%Recovery	Qualifier												
	4-Bromofluorobenzene (Surr)	100								70 - 130	08/07/24 10:49	08/09/24 11:35	1	
	1,4-Difluorobenzene (Surr)	82								70 - 130	08/07/24 10:49	08/09/24 11:35	1	

Lab Sample ID: LCS 880-87730/1-A							Client Sample ID: Lab Control Sample			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 87959							Prep Batch: 87730			
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene			0.100	0.1014		mg/Kg		101	70 - 130	
Toluene			0.100	0.08882		mg/Kg		89	70 - 130	
Ethylbenzene			0.100	0.09452		mg/Kg		95	70 - 130	
m-Xylene & p-Xylene			0.200	0.1872		mg/Kg		94	70 - 130	
o-Xylene			0.100	0.09529		mg/Kg		95	70 - 130	
Surrogate	LCS %Recovery	LCS Qualifier	Limits							
4-Bromofluorobenzene (Surr)	91		70 - 130							
1,4-Difluorobenzene (Surr)	100		70 - 130							

Lab Sample ID: LCSD 880-87730/2-A							Client Sample ID: Lab Control Sample Dup			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 87959							Prep Batch: 87730			
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD Limit
Benzene			0.100	0.09972		mg/Kg		100	70 - 130	2 35
Toluene			0.100	0.08681		mg/Kg		87	70 - 130	2 35
Ethylbenzene			0.100	0.09210		mg/Kg		92	70 - 130	3 35
m-Xylene & p-Xylene			0.200	0.1822		mg/Kg		91	70 - 130	3 35
o-Xylene			0.100	0.09193		mg/Kg		92	70 - 130	4 35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits							
4-Bromofluorobenzene (Surr)	94		70 - 130							
1,4-Difluorobenzene (Surr)	101		70 - 130							

Lab Sample ID: 880-46961-1 MS							Client Sample ID: S-1 (0-0.5')			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 87959							Prep Batch: 87730			
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene	<0.00201	U	0.0998	0.08987		mg/Kg		90	70 - 130	
Toluene	<0.00201	U	0.0998	0.07490		mg/Kg		75	70 - 130	

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QC Sample Results

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-46961-1 MS
Matrix: Solid
Analysis Batch: 87959

Client Sample ID: S-1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 87730

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.0998	0.07679		mg/Kg		77	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1489		mg/Kg		75	70 - 130
o-Xylene	<0.00201	U	0.0998	0.07752		mg/Kg		78	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	94		70 - 130						
1,4-Difluorobenzene (Surr)	98		70 - 130						

Lab Sample ID: 880-46961-1 MSD
Matrix: Solid
Analysis Batch: 87959

Client Sample ID: S-1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 87730

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.08754		mg/Kg		87	70 - 130	3	35
Toluene	<0.00201	U	0.100	0.07227		mg/Kg		72	70 - 130	4	35
Ethylbenzene	<0.00201	U	0.100	0.07290		mg/Kg		73	70 - 130	5	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1416		mg/Kg		71	70 - 130	5	35
o-Xylene	<0.00201	U	0.100	0.07388		mg/Kg		74	70 - 130	5	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	93		70 - 130								
1,4-Difluorobenzene (Surr)	97		70 - 130								

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-87722/1-A
Matrix: Solid
Analysis Batch: 87745

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 87722

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/07/24 08:59	08/07/24 11:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/07/24 08:59	08/07/24 11:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/07/24 08:59	08/07/24 11:55	1
Surrogate	MB %Recovery	MB Qualifier	Limits						
1-Chlorooctane	118		70 - 130						
o-Terphenyl	117		70 - 130						

Lab Sample ID: LCS 880-87722/2-A
Matrix: Solid
Analysis Batch: 87745

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 87722

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1117		mg/Kg		112	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1249		mg/Kg		125	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1
SDG: Eddy Co, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-87722/2-A
Matrix: Solid
Analysis Batch: 87745

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 87722

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	135	S1+	70 - 130

Lab Sample ID: LCSD 880-87722/3-A
Matrix: Solid
Analysis Batch: 87745

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 87722

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1093		mg/Kg		109	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1202		mg/Kg		120	70 - 130	4	20
Surrogate	LCSD	LCSD									
	%Recovery	Qualifier									
1-Chlorooctane	115								70 - 130		
o-Terphenyl	126								70 - 130		

Lab Sample ID: 890-6985-A-14-B MS
Matrix: Solid
Analysis Batch: 87745

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 87722

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	1023		mg/Kg		103	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	995	1095		mg/Kg		110	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier									
1-Chlorooctane	117								70 - 130		
o-Terphenyl	129								70 - 130		

Lab Sample ID: 890-6985-A-14-C MSD
Matrix: Solid
Analysis Batch: 87745

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 87722

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	1018		mg/Kg		102	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.0	U	995	1090		mg/Kg		109	70 - 130	0	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier									
1-Chlorooctane	116								70 - 130		
o-Terphenyl	129								70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1
SDG: Eddy Co, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-87724/1-A							Client Sample ID: Method Blank			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 88017							Prep Batch: 87724			
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/07/24 09:36	08/09/24 09:38	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/07/24 09:36	08/09/24 09:38	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/07/24 09:36	08/09/24 09:38	1	
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	205	S1+	70 - 130				08/07/24 09:36	08/09/24 09:38	1	
o-Terphenyl	175	S1+	70 - 130				08/07/24 09:36	08/09/24 09:38	1	

Lab Sample ID: LCS 880-87724/2-A							Client Sample ID: Lab Control Sample			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 88017							Prep Batch: 87724			
Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10		1000	1118		mg/Kg		112	70 - 130		
Diesel Range Organics (Over C10-C28)		1000	1001		mg/Kg		100	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits							
1-Chlorooctane	108		70 - 130							
o-Terphenyl	103		70 - 130							

Lab Sample ID: LCSD 880-87724/3-A							Client Sample ID: Lab Control Sample Dup			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 88017							Prep Batch: 87724			
Analyte		Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10		1000	1094		mg/Kg		109	70 - 130	2	20
Diesel Range Organics (Over C10-C28)		1000	909.5		mg/Kg		91	70 - 130	10	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits							
1-Chlorooctane	102		70 - 130							
o-Terphenyl	94		70 - 130							

Lab Sample ID: 880-46961-9 MS							Client Sample ID: S-3 (0-0.5')			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 88017							Prep Batch: 87724			
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	997	818.2		mg/Kg		82	70 - 130	
Diesel Range Organics (Over C10-C28)	156	F1	997	738.0	F1	mg/Kg		58	70 - 130	

QC Sample Results

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1
SDG: Eddy Co, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-46961-9 MS
Matrix: Solid
Analysis Batch: 88017

Client Sample ID: S-3 (0-0.5')
Prep Type: Total/NA
Prep Batch: 87724

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	92		70 - 130

Lab Sample ID: 880-46961-9 MSD
Matrix: Solid
Analysis Batch: 88017

Client Sample ID: S-3 (0-0.5')
Prep Type: Total/NA
Prep Batch: 87724

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	997	840.8		mg/Kg		84	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	156	F1	997	747.4	F1	mg/Kg		59	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	101		70 - 130
o-Terphenyl	95		70 - 130

Lab Sample ID: MB 880-88007/1-A
Matrix: Solid
Analysis Batch: 88089

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 88007

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/09/24 12:39	08/10/24 18:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/09/24 12:39	08/10/24 18:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/09/24 12:39	08/10/24 18:24	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	81		70 - 130	08/09/24 12:39	08/10/24 18:24	1			
o-Terphenyl	74		70 - 130	08/09/24 12:39	08/10/24 18:24	1			

Lab Sample ID: LCS 880-88007/2-A
Matrix: Solid
Analysis Batch: 88089

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 88007

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	842.1		mg/Kg		84	70 - 130
Diesel Range Organics (Over C10-C28)	1000	671.5	*-	mg/Kg		67	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	74		70 - 130
o-Terphenyl	70		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1
SDG: Eddy Co, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-88007/3-A				Client Sample ID: Lab Control Sample Dup							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 88089				Prep Batch: 88007							
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	849.2		mg/Kg		85	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	659.0	*-	mg/Kg		66	70 - 130	2	20
Surrogate		LCSD %Recovery	LCSD Qualifier	Limits							
1-Chlorooctane		74		70 - 130							
o-Terphenyl		69	S1-	70 - 130							

Lab Sample ID: 885-9443-A-2-B MS				Client Sample ID: Matrix Spike							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 88089				Prep Batch: 88007							
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	952.1		mg/Kg		95	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *-	999	794.0		mg/Kg		79	70 - 130		
Surrogate		MS %Recovery	MS Qualifier	Limits							
1-Chlorooctane		97		70 - 130							
o-Terphenyl		90		70 - 130							

Lab Sample ID: 885-9443-A-2-C MSD				Client Sample ID: Matrix Spike Duplicate							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 88089				Prep Batch: 88007							
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	962.7		mg/Kg		96	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U *-	999	822.6		mg/Kg		82	70 - 130	4	20
Surrogate		MSD %Recovery	MSD Qualifier	Limits							
1-Chlorooctane		97		70 - 130							
o-Terphenyl		92		70 - 130							

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-87786/1-A				Client Sample ID: Method Blank							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 87827											
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Chloride	<5.00	U	5.00		mg/Kg			08/08/24 17:44	1		

QC Sample Results

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-87786/2-A Matrix: Solid Analysis Batch: 87827				Client Sample ID: Lab Control Sample Prep Type: Soluble						
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride			250	233.6		mg/Kg		93	90 - 110	

Lab Sample ID: LCSD 880-87786/3-A Matrix: Solid Analysis Batch: 87827				Client Sample ID: Lab Control Sample Dup Prep Type: Soluble						
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD Limit
Chloride			250	235.9		mg/Kg		94	90 - 110	1 20

Lab Sample ID: 880-46961-4 MS Matrix: Solid Analysis Batch: 87827				Client Sample ID: S-2 (0-0.5') Prep Type: Soluble						
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride	35.4		249	277.7		mg/Kg		97	90 - 110	

Lab Sample ID: 880-46961-4 MSD Matrix: Solid Analysis Batch: 87827				Client Sample ID: S-2 (0-0.5') Prep Type: Soluble						
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD Limit
Chloride	35.4		249	278.7		mg/Kg		98	90 - 110	0 20

Lab Sample ID: MB 880-87790/1-A Matrix: Solid Analysis Batch: 87835				Client Sample ID: Method Blank Prep Type: Soluble						
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	<5.00	U	5.00		mg/Kg			08/08/24 19:47	1	

Lab Sample ID: LCS 880-87790/2-A Matrix: Solid Analysis Batch: 87835				Client Sample ID: Lab Control Sample Prep Type: Soluble						
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride			250	256.7		mg/Kg		103	90 - 110	

Lab Sample ID: LCSD 880-87790/3-A Matrix: Solid Analysis Batch: 87835				Client Sample ID: Lab Control Sample Dup Prep Type: Soluble						
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD Limit
Chloride			250	257.0		mg/Kg		103	90 - 110	0 20

Lab Sample ID: 880-46961-14 MS Matrix: Solid Analysis Batch: 87835				Client Sample ID: S-4 (1.5') R Prep Type: Soluble						
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride	77.9		248	333.1		mg/Kg		103	90 - 110	

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QC Sample Results

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-46961-14 MSD					Client Sample ID: S-4 (1.5') R							
Matrix: Solid					Prep Type: Soluble							
Analysis Batch: 87835												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	77.9		248	333.3		mg/Kg		103	90 - 110	0	20	

QC Association Summary

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 87730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46961-1	S-1 (0-0.5')	Total/NA	Solid	5035	
880-46961-2	S-1 (0.5'-1.0')	Total/NA	Solid	5035	
880-46961-3	S-1 (1.5')R	Total/NA	Solid	5035	
880-46961-4	S-2 (0-0.5')	Total/NA	Solid	5035	
880-46961-5	S-2 (0.5'-1.0')	Total/NA	Solid	5035	
880-46961-6	S-2 (1.5')	Total/NA	Solid	5035	
880-46961-7	S-2 (2.0')	Total/NA	Solid	5035	
880-46961-8	S-2 (3.0') R	Total/NA	Solid	5035	
880-46961-9	S-3 (0-0.5')	Total/NA	Solid	5035	
880-46961-10	S-3 (0.5'-1.0')	Total/NA	Solid	5035	
880-46961-11	S-3 (1.5') R	Total/NA	Solid	5035	
880-46961-12	S-4 (0-0.5')	Total/NA	Solid	5035	
880-46961-13	S-4 (0.5'-1.0')	Total/NA	Solid	5035	
880-46961-14	S-4 (1.5') R	Total/NA	Solid	5035	
880-46961-15	S-5 (0-0.25')	Total/NA	Solid	5035	
880-46961-16	S-5 (0.25'-0.5')	Total/NA	Solid	5035	
MB 880-87730/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-87730/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-87730/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-46961-1 MS	S-1 (0-0.5')	Total/NA	Solid	5035	
880-46961-1 MSD	S-1 (0-0.5')	Total/NA	Solid	5035	

Analysis Batch: 87959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46961-1	S-1 (0-0.5')	Total/NA	Solid	8021B	87730
880-46961-2	S-1 (0.5'-1.0')	Total/NA	Solid	8021B	87730
880-46961-3	S-1 (1.5')R	Total/NA	Solid	8021B	87730
880-46961-4	S-2 (0-0.5')	Total/NA	Solid	8021B	87730
880-46961-5	S-2 (0.5'-1.0')	Total/NA	Solid	8021B	87730
880-46961-6	S-2 (1.5')	Total/NA	Solid	8021B	87730
880-46961-7	S-2 (2.0')	Total/NA	Solid	8021B	87730
880-46961-8	S-2 (3.0') R	Total/NA	Solid	8021B	87730
880-46961-9	S-3 (0-0.5')	Total/NA	Solid	8021B	87730
880-46961-10	S-3 (0.5'-1.0')	Total/NA	Solid	8021B	87730
880-46961-11	S-3 (1.5') R	Total/NA	Solid	8021B	87730
880-46961-12	S-4 (0-0.5')	Total/NA	Solid	8021B	87730
880-46961-13	S-4 (0.5'-1.0')	Total/NA	Solid	8021B	87730
880-46961-14	S-4 (1.5') R	Total/NA	Solid	8021B	87730
880-46961-15	S-5 (0-0.25')	Total/NA	Solid	8021B	87730
880-46961-16	S-5 (0.25'-0.5')	Total/NA	Solid	8021B	87730
MB 880-87730/5-A	Method Blank	Total/NA	Solid	8021B	87730
LCS 880-87730/1-A	Lab Control Sample	Total/NA	Solid	8021B	87730
LCSD 880-87730/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	87730
880-46961-1 MS	S-1 (0-0.5')	Total/NA	Solid	8021B	87730
880-46961-1 MSD	S-1 (0-0.5')	Total/NA	Solid	8021B	87730

Analysis Batch: 88226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46961-1	S-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-46961-2	S-1 (0.5'-1.0')	Total/NA	Solid	Total BTEX	
880-46961-3	S-1 (1.5')R	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1
SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 88226 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46961-4	S-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-46961-5	S-2 (0.5'-1.0')	Total/NA	Solid	Total BTEX	
880-46961-6	S-2 (1.5')	Total/NA	Solid	Total BTEX	
880-46961-7	S-2 (2.0')	Total/NA	Solid	Total BTEX	
880-46961-8	S-2 (3.0') R	Total/NA	Solid	Total BTEX	
880-46961-9	S-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-46961-10	S-3 (0.5'-1.0')	Total/NA	Solid	Total BTEX	
880-46961-11	S-3 (1.5') R	Total/NA	Solid	Total BTEX	
880-46961-12	S-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-46961-13	S-4 (0.5'-1.0')	Total/NA	Solid	Total BTEX	
880-46961-14	S-4 (1.5') R	Total/NA	Solid	Total BTEX	
880-46961-15	S-5 (0-0.25')	Total/NA	Solid	Total BTEX	
880-46961-16	S-5 (0.25'-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 87722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46961-1	S-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-87722/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-87722/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-87722/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-6985-A-14-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-6985-A-14-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 87724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46961-2	S-1 (0.5'-1.0')	Total/NA	Solid	8015NM Prep	
880-46961-3	S-1 (1.5')R	Total/NA	Solid	8015NM Prep	
880-46961-4	S-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-46961-5	S-2 (0.5'-1.0')	Total/NA	Solid	8015NM Prep	
880-46961-6	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-46961-7	S-2 (2.0')	Total/NA	Solid	8015NM Prep	
880-46961-8	S-2 (3.0') R	Total/NA	Solid	8015NM Prep	
880-46961-9	S-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-46961-10	S-3 (0.5'-1.0')	Total/NA	Solid	8015NM Prep	
880-46961-11	S-3 (1.5') R	Total/NA	Solid	8015NM Prep	
880-46961-13	S-4 (0.5'-1.0')	Total/NA	Solid	8015NM Prep	
880-46961-14	S-4 (1.5') R	Total/NA	Solid	8015NM Prep	
880-46961-15	S-5 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-46961-16	S-5 (0.25'-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-87724/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-87724/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-87724/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-46961-9 MS	S-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-46961-9 MSD	S-3 (0-0.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 87745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46961-1	S-1 (0-0.5')	Total/NA	Solid	8015B NM	87722
MB 880-87722/1-A	Method Blank	Total/NA	Solid	8015B NM	87722

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 87745 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-87722/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	87722
LCSD 880-87722/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	87722
890-6985-A-14-B MS	Matrix Spike	Total/NA	Solid	8015B NM	87722
890-6985-A-14-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	87722

Analysis Batch: 87878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46961-1	S-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-46961-2	S-1 (0.5'-1.0')	Total/NA	Solid	8015 NM	
880-46961-3	S-1 (1.5')R	Total/NA	Solid	8015 NM	
880-46961-4	S-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-46961-5	S-2 (0.5'-1.0')	Total/NA	Solid	8015 NM	
880-46961-6	S-2 (1.5')	Total/NA	Solid	8015 NM	
880-46961-7	S-2 (2.0')	Total/NA	Solid	8015 NM	
880-46961-8	S-2 (3.0') R	Total/NA	Solid	8015 NM	
880-46961-9	S-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-46961-10	S-3 (0.5'-1.0')	Total/NA	Solid	8015 NM	
880-46961-11	S-3 (1.5') R	Total/NA	Solid	8015 NM	
880-46961-12	S-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-46961-13	S-4 (0.5'-1.0')	Total/NA	Solid	8015 NM	
880-46961-14	S-4 (1.5') R	Total/NA	Solid	8015 NM	
880-46961-15	S-5 (0-0.25')	Total/NA	Solid	8015 NM	
880-46961-16	S-5 (0.25'-0.5')	Total/NA	Solid	8015 NM	

Prep Batch: 88007

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46961-12	S-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-88007/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-88007/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-88007/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
885-9443-A-2-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
885-9443-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 88017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46961-2	S-1 (0.5'-1.0')	Total/NA	Solid	8015B NM	87724
880-46961-3	S-1 (1.5')R	Total/NA	Solid	8015B NM	87724
880-46961-4	S-2 (0-0.5')	Total/NA	Solid	8015B NM	87724
880-46961-5	S-2 (0.5'-1.0')	Total/NA	Solid	8015B NM	87724
880-46961-6	S-2 (1.5')	Total/NA	Solid	8015B NM	87724
880-46961-7	S-2 (2.0')	Total/NA	Solid	8015B NM	87724
880-46961-8	S-2 (3.0') R	Total/NA	Solid	8015B NM	87724
880-46961-9	S-3 (0-0.5')	Total/NA	Solid	8015B NM	87724
880-46961-10	S-3 (0.5'-1.0')	Total/NA	Solid	8015B NM	87724
880-46961-11	S-3 (1.5') R	Total/NA	Solid	8015B NM	87724
880-46961-13	S-4 (0.5'-1.0')	Total/NA	Solid	8015B NM	87724
880-46961-14	S-4 (1.5') R	Total/NA	Solid	8015B NM	87724
880-46961-15	S-5 (0-0.25')	Total/NA	Solid	8015B NM	87724
880-46961-16	S-5 (0.25'-0.5')	Total/NA	Solid	8015B NM	87724
MB 880-87724/1-A	Method Blank	Total/NA	Solid	8015B NM	87724
LCS 880-87724/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	87724

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 88017 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-87724/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	87724
880-46961-9 MS	S-3 (0-0.5')	Total/NA	Solid	8015B NM	87724
880-46961-9 MSD	S-3 (0-0.5')	Total/NA	Solid	8015B NM	87724

Analysis Batch: 88089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46961-12	S-4 (0-0.5')	Total/NA	Solid	8015B NM	88007
MB 880-88007/1-A	Method Blank	Total/NA	Solid	8015B NM	88007
LCS 880-88007/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	88007
LCSD 880-88007/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	88007
885-9443-A-2-B MS	Matrix Spike	Total/NA	Solid	8015B NM	88007
885-9443-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	88007

HPLC/IC

Leach Batch: 87786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46961-1	S-1 (0-0.5')	Soluble	Solid	DI Leach	
880-46961-2	S-1 (0.5'-1.0')	Soluble	Solid	DI Leach	
880-46961-3	S-1 (1.5')R	Soluble	Solid	DI Leach	
880-46961-4	S-2 (0-0.5')	Soluble	Solid	DI Leach	
880-46961-5	S-2 (0.5'-1.0')	Soluble	Solid	DI Leach	
880-46961-6	S-2 (1.5')	Soluble	Solid	DI Leach	
880-46961-7	S-2 (2.0')	Soluble	Solid	DI Leach	
880-46961-8	S-2 (3.0') R	Soluble	Solid	DI Leach	
880-46961-9	S-3 (0-0.5')	Soluble	Solid	DI Leach	
880-46961-10	S-3 (0.5'-1.0')	Soluble	Solid	DI Leach	
880-46961-11	S-3 (1.5') R	Soluble	Solid	DI Leach	
880-46961-12	S-4 (0-0.5')	Soluble	Solid	DI Leach	
880-46961-13	S-4 (0.5'-1.0')	Soluble	Solid	DI Leach	
MB 880-87786/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-87786/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-87786/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-46961-4 MS	S-2 (0-0.5')	Soluble	Solid	DI Leach	
880-46961-4 MSD	S-2 (0-0.5')	Soluble	Solid	DI Leach	

Leach Batch: 87790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46961-14	S-4 (1.5') R	Soluble	Solid	DI Leach	
880-46961-15	S-5 (0-0.25')	Soluble	Solid	DI Leach	
880-46961-16	S-5 (0.25'-0.5')	Soluble	Solid	DI Leach	
MB 880-87790/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-87790/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-87790/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-46961-14 MS	S-4 (1.5') R	Soluble	Solid	DI Leach	
880-46961-14 MSD	S-4 (1.5') R	Soluble	Solid	DI Leach	

Analysis Batch: 87827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46961-1	S-1 (0-0.5')	Soluble	Solid	300.0	87786
880-46961-2	S-1 (0.5'-1.0')	Soluble	Solid	300.0	87786

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 87827 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46961-3	S-1 (1.5')R	Soluble	Solid	300.0	87786
880-46961-4	S-2 (0-0.5')	Soluble	Solid	300.0	87786
880-46961-5	S-2 (0.5'-1.0')	Soluble	Solid	300.0	87786
880-46961-6	S-2 (1.5')	Soluble	Solid	300.0	87786
880-46961-7	S-2 (2.0')	Soluble	Solid	300.0	87786
880-46961-8	S-2 (3.0') R	Soluble	Solid	300.0	87786
880-46961-9	S-3 (0-0.5')	Soluble	Solid	300.0	87786
880-46961-10	S-3 (0.5'-1.0')	Soluble	Solid	300.0	87786
880-46961-11	S-3 (1.5') R	Soluble	Solid	300.0	87786
880-46961-12	S-4 (0-0.5')	Soluble	Solid	300.0	87786
880-46961-13	S-4 (0.5'-1.0')	Soluble	Solid	300.0	87786
MB 880-87786/1-A	Method Blank	Soluble	Solid	300.0	87786
LCS 880-87786/2-A	Lab Control Sample	Soluble	Solid	300.0	87786
LCSD 880-87786/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	87786
880-46961-4 MS	S-2 (0-0.5')	Soluble	Solid	300.0	87786
880-46961-4 MSD	S-2 (0-0.5')	Soluble	Solid	300.0	87786

Analysis Batch: 87835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46961-14	S-4 (1.5') R	Soluble	Solid	300.0	87790
880-46961-15	S-5 (0-0.25')	Soluble	Solid	300.0	87790
880-46961-16	S-5 (0.25'-0.5')	Soluble	Solid	300.0	87790
MB 880-87790/1-A	Method Blank	Soluble	Solid	300.0	87790
LCS 880-87790/2-A	Lab Control Sample	Soluble	Solid	300.0	87790
LCSD 880-87790/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	87790
880-46961-14 MS	S-4 (1.5') R	Soluble	Solid	300.0	87790
880-46961-14 MSD	S-4 (1.5') R	Soluble	Solid	300.0	87790

Lab Chronicle

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (0-0.5')

Lab Sample ID: 880-46961-1

Date Collected: 08/06/24 00:00

Matrix: Solid

Date Received: 08/06/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	87730	08/07/24 10:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87959	08/09/24 11:57	EL	EET MID
Total/NA	Analysis	Total BTEX		1			88226	08/09/24 11:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			87878	08/07/24 23:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	87722	08/07/24 08:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87745	08/07/24 23:06	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	87786	08/07/24 16:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87827	08/08/24 18:57	CH	EET MID

Client Sample ID: S-1 (0.5'-1.0')

Lab Sample ID: 880-46961-2

Date Collected: 08/06/24 00:00

Matrix: Solid

Date Received: 08/06/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	87730	08/07/24 10:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87959	08/09/24 12:17	EL	EET MID
Total/NA	Analysis	Total BTEX		1			88226	08/09/24 12:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			87878	08/09/24 16:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	87724	08/07/24 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	88017	08/09/24 16:49	TKC	EET MID
Soluble	Leach	DI Leach			5.0 g	50 mL	87786	08/07/24 16:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87827	08/08/24 19:02	CH	EET MID

Client Sample ID: S-1 (1.5')R

Lab Sample ID: 880-46961-3

Date Collected: 08/06/24 00:00

Matrix: Solid

Date Received: 08/06/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	87730	08/07/24 10:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87959	08/09/24 12:38	EL	EET MID
Total/NA	Analysis	Total BTEX		1			88226	08/09/24 12:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			87878	08/09/24 17:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	87724	08/07/24 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	88017	08/09/24 17:07	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	87786	08/07/24 16:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87827	08/08/24 19:07	CH	EET MID

Client Sample ID: S-2 (0-0.5')

Lab Sample ID: 880-46961-4

Date Collected: 08/06/24 00:00

Matrix: Solid

Date Received: 08/06/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	87730	08/07/24 10:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87959	08/09/24 12:58	EL	EET MID
Total/NA	Analysis	Total BTEX		1			88226	08/09/24 12:58	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (0-0.5')

Lab Sample ID: 880-46961-4

Date Collected: 08/06/24 00:00

Matrix: Solid

Date Received: 08/06/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			87878	08/09/24 17:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	87724	08/07/24 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	88017	08/09/24 17:37	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	87786	08/07/24 16:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87827	08/08/24 19:12	CH	EET MID

Client Sample ID: S-2 (0.5'-1.0')

Lab Sample ID: 880-46961-5

Date Collected: 08/06/24 00:00

Matrix: Solid

Date Received: 08/06/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	87730	08/07/24 10:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87959	08/09/24 13:19	EL	EET MID
Total/NA	Analysis	Total BTEX		1			88226	08/09/24 13:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			87878	08/09/24 17:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	87724	08/07/24 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	88017	08/09/24 17:54	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	87786	08/07/24 16:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87827	08/08/24 19:28	CH	EET MID

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-46961-6

Date Collected: 08/06/24 00:00

Matrix: Solid

Date Received: 08/06/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	87730	08/07/24 10:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87959	08/09/24 13:39	EL	EET MID
Total/NA	Analysis	Total BTEX		1			88226	08/09/24 13:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			87878	08/09/24 18:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	87724	08/07/24 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	88017	08/09/24 18:12	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	87786	08/07/24 16:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87827	08/08/24 19:34	CH	EET MID

Client Sample ID: S-2 (2.0')

Lab Sample ID: 880-46961-7

Date Collected: 08/06/24 00:00

Matrix: Solid

Date Received: 08/06/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	87730	08/07/24 10:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87959	08/09/24 14:00	EL	EET MID
Total/NA	Analysis	Total BTEX		1			88226	08/09/24 14:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			87878	08/09/24 18:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	87724	08/07/24 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	88017	08/09/24 18:30	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (2.0')
Date Collected: 08/06/24 00:00
Date Received: 08/06/24 16:45

Lab Sample ID: 880-46961-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	87786	08/07/24 16:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87827	08/08/24 19:49	CH	EET MID

Client Sample ID: S-2 (3.0') R
Date Collected: 08/06/24 00:00
Date Received: 08/06/24 16:45

Lab Sample ID: 880-46961-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	87730	08/07/24 10:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87959	08/09/24 14:20	EL	EET MID
Total/NA	Analysis	Total BTEX		1			88226	08/09/24 14:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			87878	08/09/24 18:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	87724	08/07/24 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	88017	08/09/24 18:47	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	87786	08/07/24 16:11	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	87827	08/08/24 19:55	CH	EET MID

Client Sample ID: S-3 (0-0.5')
Date Collected: 08/06/24 00:00
Date Received: 08/06/24 16:45

Lab Sample ID: 880-46961-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	87730	08/07/24 10:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87959	08/09/24 16:26	EL	EET MID
Total/NA	Analysis	Total BTEX		1			88226	08/09/24 16:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			87878	08/09/24 15:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	87724	08/07/24 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	88017	08/09/24 15:56	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	87786	08/07/24 16:11	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	87827	08/08/24 20:00	CH	EET MID

Client Sample ID: S-3 (0.5'-1.0')
Date Collected: 08/06/24 00:00
Date Received: 08/06/24 16:45

Lab Sample ID: 880-46961-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	87730	08/07/24 10:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87959	08/09/24 16:46	EL	EET MID
Total/NA	Analysis	Total BTEX		1			88226	08/09/24 16:46	SM	EET MID
Total/NA	Analysis	8015 NM		1			87878	08/09/24 19:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	87724	08/07/24 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	88017	08/09/24 19:05	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	87786	08/07/24 16:11	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	87827	08/08/24 20:05	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (1.5') R
Date Collected: 08/06/24 00:00
Date Received: 08/06/24 16:45

Lab Sample ID: 880-46961-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	87730	08/07/24 10:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87959	08/09/24 17:07	EL	EET MID
Total/NA	Analysis	Total BTEX		1			88226	08/09/24 17:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			87878	08/09/24 19:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	87724	08/07/24 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	88017	08/09/24 19:23	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	87786	08/07/24 16:11	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	87827	08/08/24 20:10	CH	EET MID

Client Sample ID: S-4 (0-0.5')
Date Collected: 08/06/24 00:00
Date Received: 08/06/24 16:45

Lab Sample ID: 880-46961-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	87730	08/07/24 10:49	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	87959	08/09/24 14:41	EL	EET MID
Total/NA	Analysis	Total BTEX		1			88226	08/09/24 14:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			87878	08/11/24 05:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	88007	08/09/24 12:39	EL	EET MID
Total/NA	Analysis	8015B NM		2	1 uL	1 uL	88089	08/11/24 05:52	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	87786	08/07/24 16:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87827	08/08/24 20:15	CH	EET MID

Client Sample ID: S-4 (0.5'-1.0')
Date Collected: 08/06/24 00:00
Date Received: 08/06/24 16:45

Lab Sample ID: 880-46961-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	87730	08/07/24 10:49	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	87959	08/09/24 15:02	EL	EET MID
Total/NA	Analysis	Total BTEX		1			88226	08/09/24 15:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			87878	08/09/24 20:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	87724	08/07/24 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	88017	08/09/24 20:15	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	87786	08/07/24 16:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87827	08/08/24 20:21	CH	EET MID

Client Sample ID: S-4 (1.5') R
Date Collected: 08/06/24 00:00
Date Received: 08/06/24 16:45

Lab Sample ID: 880-46961-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	87730	08/07/24 10:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87959	08/09/24 17:27	EL	EET MID
Total/NA	Analysis	Total BTEX		1			88226	08/09/24 17:27	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1
SDG: Eddy Co, NM

Client Sample ID: S-4 (1.5') R

Date Collected: 08/06/24 00:00

Date Received: 08/06/24 16:45

Lab Sample ID: 880-46961-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			87878	08/09/24 20:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	87724	08/07/24 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	88017	08/09/24 20:32	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	87790	08/07/24 16:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87835	08/08/24 20:05	CH	EET MID

Client Sample ID: S-5 (0-0.25')

Date Collected: 08/06/24 00:00

Date Received: 08/06/24 16:45

Lab Sample ID: 880-46961-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	87730	08/07/24 10:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87959	08/09/24 17:48	EL	EET MID
Total/NA	Analysis	Total BTEX		1			88226	08/09/24 17:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			87878	08/09/24 20:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	87724	08/07/24 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	88017	08/09/24 20:49	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	87790	08/07/24 16:19	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	87835	08/08/24 20:23	CH	EET MID

Client Sample ID: S-5 (0.25'-0.5')

Date Collected: 08/06/24 00:00

Date Received: 08/06/24 16:45

Lab Sample ID: 880-46961-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	87730	08/07/24 10:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87959	08/09/24 18:08	EL	EET MID
Total/NA	Analysis	Total BTEX		1			88226	08/09/24 18:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			87878	08/09/24 21:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	87724	08/07/24 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	88017	08/09/24 21:06	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	87790	08/07/24 16:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87835	08/08/24 20:29	CH	EET MID

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1
SDG: Eddy Co, NM

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1
SDG: Eddy Co, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46961-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-46961-1	S-1 (0-0.5')	Solid	08/06/24 00:00	08/06/24 16:45
880-46961-2	S-1 (0.5'-1.0')	Solid	08/06/24 00:00	08/06/24 16:45
880-46961-3	S-1 (1.5')R	Solid	08/06/24 00:00	08/06/24 16:45
880-46961-4	S-2 (0-0.5')	Solid	08/06/24 00:00	08/06/24 16:45
880-46961-5	S-2 (0.5'-1.0')	Solid	08/06/24 00:00	08/06/24 16:45
880-46961-6	S-2 (1.5')	Solid	08/06/24 00:00	08/06/24 16:45
880-46961-7	S-2 (2.0')	Solid	08/06/24 00:00	08/06/24 16:45
880-46961-8	S-2 (3.0') R	Solid	08/06/24 00:00	08/06/24 16:45
880-46961-9	S-3 (0-0.5')	Solid	08/06/24 00:00	08/06/24 16:45
880-46961-10	S-3 (0.5'-1.0')	Solid	08/06/24 00:00	08/06/24 16:45
880-46961-11	S-3 (1.5') R	Solid	08/06/24 00:00	08/06/24 16:45
880-46961-12	S-4 (0-0.5')	Solid	08/06/24 00:00	08/06/24 16:45
880-46961-13	S-4 (0.5'-1.0')	Solid	08/06/24 00:00	08/06/24 16:45
880-46961-14	S-4 (1.5') R	Solid	08/06/24 00:00	08/06/24 16:45
880-46961-15	S-5 (0-0.25')	Solid	08/06/24 00:00	08/06/24 16:45
880-46961-16	S-5 (0.25'-0.5')	Solid	08/06/24 00:00	08/06/24 16:45

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- 3
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- 6
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- 8
- 9
- 10
- 11
- 12
- 13
- 14

Chain of Custody



880-46961 Chain of Custody

WC

Page 1 of 2

Project Manager:	Ashton Thielke	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 West Wall Ste. 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-8988	Email:	ThielkeA@Carmonaresources.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

ANALYSIS REQUEST										Preservative Codes		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	HOLD	Sample Comments
S-1 (0-0.5')	8/6/2024		X		G	1		X	X	X		
S-1 (0.5'-1.0')	8/6/2024		X		G	1		X	X	X		
S-1 (1.5') R	8/6/2024		X		G	1		X	X	X		
S-2 (0-0.5')	8/6/2024		X		G	1		X	X	X		
S-2 (0.5'-1.0')	8/6/2024		X		G	1		X	X	X		
S-2 (1.5')	8/6/2024		X		G	1		X	X	X		
S-2 (2.0')	8/6/2024		X		G	1		X	X	X		
S-2 (3.0') R	8/6/2024		X		G	1		X	X	X		
S-3 (0-0.5')	8/6/2024		X		G	1		X	X	X		
S-3 (0.5'-1.0')	8/6/2024		X		G	1		X	X	X		

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time

Revised Date 05/01/2020 Rev. 2020.1

Chain of Custody

Work Order No:

Page 2 of 2

Work Order Comments	
Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund	State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	Deliverables: EDD ☐ ADaPT ☐ Other:

Project Manager:	Ashton Thielke	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 West Wall Ste. 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-8988	Email:	ThielkeA@Carmonaresources.com

[illegible]

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		6/10/04 1645 ²			
3					
4					
5					
6					

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-46961-1

SDG Number: Eddy Co, NM

Login Number: 46961

List Source: Eurofins Midland

List Number: 1

Creator: Vasquez, Julisa

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Ashton Thielke
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 8/12/2024 4:58:50 PM

JOB DESCRIPTION

Onzurez 1B Battery (07.08.2024)
Eddy Co, NM

JOB NUMBER

880-46960-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
8/12/2024 4:58:50 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Laboratory Job ID: 880-46960-1
SDG: Eddy Co, NM

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	9
QC Sample Results	10
QC Association Summary	16
Lab Chronicle	19
Certification Summary	21
Method Summary	22
Sample Summary	23
Chain of Custody	24
Receipt Checklists	26

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Definitions/Glossary

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46960-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
⬜	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources
Project: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46960-1

Job ID: 880-46960-1

Eurofins Midland

Job Narrative
880-46960-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 8/6/2024 4:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 7.8°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-1.0') (880-46960-1), H-2 (0-1.0') (880-46960-2), H-3 (0-1.0') (880-46960-3) and H-4 (0-1.0') (880-46960-4).

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-87745 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: H-2 (0-1.0') (880-46960-2). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: H-3 (0-1.0') (880-46960-3) and H-4 (0-1.0') (880-46960-4). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-87722/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-87885/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-87885 and analytical batch 880-87899 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46960-1
SDG: Eddy Co, NM

Client Sample ID: H-1 (0-1.0')

Lab Sample ID: 880-46960-1

Date Collected: 08/06/24 00:00

Matrix: Solid

Date Received: 08/06/24 16:45

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/07/24 10:49	08/09/24 18:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/07/24 10:49	08/09/24 18:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/07/24 10:49	08/09/24 18:29	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/07/24 10:49	08/09/24 18:29	1
o-Xylene	0.00221		0.00200		mg/Kg		08/07/24 10:49	08/09/24 18:29	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/07/24 10:49	08/09/24 18:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				08/07/24 10:49	08/09/24 18:29	1
1,4-Difluorobenzene (Surr)	91		70 - 130				08/07/24 10:49	08/09/24 18:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/09/24 18:29	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/08/24 16:50	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		08/08/24 11:52	08/08/24 16:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		08/08/24 11:52	08/08/24 16:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/24 11:52	08/08/24 16:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				08/08/24 11:52	08/08/24 16:50	1
o-Terphenyl	77		70 - 130				08/08/24 11:52	08/08/24 16:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	180		4.96		mg/Kg			08/08/24 18:25	1

Client Sample ID: H-2 (0-1.0')

Lab Sample ID: 880-46960-2

Date Collected: 08/06/24 00:00

Matrix: Solid

Date Received: 08/06/24 16:45

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/07/24 10:49	08/09/24 18:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/07/24 10:49	08/09/24 18:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/07/24 10:49	08/09/24 18:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/07/24 10:49	08/09/24 18:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/07/24 10:49	08/09/24 18:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/07/24 10:49	08/09/24 18:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				08/07/24 10:49	08/09/24 18:49	1
1,4-Difluorobenzene (Surr)	92		70 - 130				08/07/24 10:49	08/09/24 18:49	1

Client Sample Results

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46960-1
SDG: Eddy Co, NM

Client Sample ID: H-2 (0-1.0')
Date Collected: 08/06/24 00:00
Date Received: 08/06/24 16:45

Lab Sample ID: 880-46960-2
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/09/24 18:49	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.9	U	49.9		mg/Kg			08/07/24 22:16	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/07/24 08:59	08/07/24 22:16	1	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/07/24 08:59	08/07/24 22:16	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/07/24 08:59	08/07/24 22:16	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	140	S1+	70 - 130				08/07/24 08:59	08/07/24 22:16	1	
o-Terphenyl	140	S1+	70 - 130				08/07/24 08:59	08/07/24 22:16	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	61.9		5.02		mg/Kg			08/08/24 18:31	1	

Client Sample ID: H-3 (0-1.0')
Date Collected: 08/06/24 00:00
Date Received: 08/06/24 16:45

Lab Sample ID: 880-46960-3
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00198	U	0.00198		mg/Kg		08/07/24 10:49	08/09/24 19:10	1	
Toluene	<0.00198	U	0.00198		mg/Kg		08/07/24 10:49	08/09/24 19:10	1	
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/07/24 10:49	08/09/24 19:10	1	
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/07/24 10:49	08/09/24 19:10	1	
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/07/24 10:49	08/09/24 19:10	1	
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/07/24 10:49	08/09/24 19:10	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	103		70 - 130				08/07/24 10:49	08/09/24 19:10	1	
1,4-Difluorobenzene (Surr)	91		70 - 130				08/07/24 10:49	08/09/24 19:10	1	

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00396	U	0.00396		mg/Kg			08/09/24 19:10	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.8	U	49.8		mg/Kg			08/07/24 22:33	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/07/24 08:59	08/07/24 22:33	1	
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/07/24 08:59	08/07/24 22:33	1	

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Client Sample Results

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46960-1
SDG: Eddy Co, NM

Client Sample ID: H-3 (0-1.0')
Date Collected: 08/06/24 00:00
Date Received: 08/06/24 16:45

Lab Sample ID: 880-46960-3
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/07/24 08:59	08/07/24 22:33	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	132	S1+	70 - 130				08/07/24 08:59	08/07/24 22:33	1	
o-Terphenyl	130		70 - 130				08/07/24 08:59	08/07/24 22:33	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	15.0		4.98		mg/Kg			08/08/24 18:46	1	

Client Sample ID: H-4 (0-1.0')
Date Collected: 08/06/24 00:00
Date Received: 08/06/24 16:45

Lab Sample ID: 880-46960-4
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00199	U	0.00199		mg/Kg		08/07/24 10:49	08/09/24 19:31	1	
Toluene	<0.00199	U	0.00199		mg/Kg		08/07/24 10:49	08/09/24 19:31	1	
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/07/24 10:49	08/09/24 19:31	1	
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/07/24 10:49	08/09/24 19:31	1	
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/07/24 10:49	08/09/24 19:31	1	
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/07/24 10:49	08/09/24 19:31	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	102		70 - 130				08/07/24 10:49	08/09/24 19:31	1	
1,4-Difluorobenzene (Surr)	91		70 - 130				08/07/24 10:49	08/09/24 19:31	1	

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/09/24 19:31	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.8	U	49.8		mg/Kg			08/07/24 22:49	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/07/24 08:59	08/07/24 22:49	1	
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/07/24 08:59	08/07/24 22:49	1	
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/07/24 08:59	08/07/24 22:49	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	132	S1+	70 - 130				08/07/24 08:59	08/07/24 22:49	1	
o-Terphenyl	129		70 - 130				08/07/24 08:59	08/07/24 22:49	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	16.6		4.97		mg/Kg			08/08/24 18:52	1	

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Surrogate Summary

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46960-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-46960-1	H-1 (0-1.0')	106	91
880-46960-2	H-2 (0-1.0')	101	92
880-46960-3	H-3 (0-1.0')	103	91
880-46960-4	H-4 (0-1.0')	102	91
880-46961-A-1-B MS	Matrix Spike	94	98
880-46961-A-1-C MSD	Matrix Spike Duplicate	93	97
LCS 880-87730/1-A	Lab Control Sample	91	100
LCSD 880-87730/2-A	Lab Control Sample Dup	94	101
MB 880-87730/5-A	Method Blank	100	82
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-46960-1	H-1 (0-1.0')	89	77
880-46960-2	H-2 (0-1.0')	140 S1+	140 S1+
880-46960-3	H-3 (0-1.0')	132 S1+	130
880-46960-4	H-4 (0-1.0')	132 S1+	129
880-46971-A-1-G MS	Matrix Spike	99	86
880-46971-A-1-H MSD	Matrix Spike Duplicate	101	87
890-6985-A-14-B MS	Matrix Spike	117	129
890-6985-A-14-C MSD	Matrix Spike Duplicate	116	129
LCS 880-87722/2-A	Lab Control Sample	121	135 S1+
LCS 880-87885/2-A	Lab Control Sample	131 S1+	107
LCSD 880-87722/3-A	Lab Control Sample Dup	115	126
LCSD 880-87885/3-A	Lab Control Sample Dup	100	82
MB 880-87722/1-A	Method Blank	118	117
MB 880-87885/1-A	Method Blank	81	75
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46960-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-87730/5-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 87959							Prep Batch: 87730		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/07/24 10:49	08/09/24 11:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/07/24 10:49	08/09/24 11:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/07/24 10:49	08/09/24 11:35	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/07/24 10:49	08/09/24 11:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/07/24 10:49	08/09/24 11:35	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/07/24 10:49	08/09/24 11:35	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				08/07/24 10:49	08/09/24 11:35	1
1,4-Difluorobenzene (Surr)	82		70 - 130				08/07/24 10:49	08/09/24 11:35	1

Lab Sample ID: LCS 880-87730/1-A							Client Sample ID: Lab Control Sample		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 87959							Prep Batch: 87730		
Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene		0.100	0.1014		mg/Kg		101	70 - 130	
Toluene		0.100	0.08882		mg/Kg		89	70 - 130	
Ethylbenzene		0.100	0.09452		mg/Kg		95	70 - 130	
m-Xylene & p-Xylene		0.200	0.1872		mg/Kg		94	70 - 130	
o-Xylene		0.100	0.09529		mg/Kg		95	70 - 130	
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	91		70 - 130						
1,4-Difluorobenzene (Surr)	100		70 - 130						

Lab Sample ID: LCSD 880-87730/2-A							Client Sample ID: Lab Control Sample Dup			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 87959							Prep Batch: 87730			
Analyte		Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene		0.100	0.09972		mg/Kg		100	70 - 130	2	35
Toluene		0.100	0.08681		mg/Kg		87	70 - 130	2	35
Ethylbenzene		0.100	0.09210		mg/Kg		92	70 - 130	3	35
m-Xylene & p-Xylene		0.200	0.1822		mg/Kg		91	70 - 130	3	35
o-Xylene		0.100	0.09193		mg/Kg		92	70 - 130	4	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits							
4-Bromofluorobenzene (Surr)	94		70 - 130							
1,4-Difluorobenzene (Surr)	101		70 - 130							

Lab Sample ID: 880-46961-A-1-B MS							Client Sample ID: Matrix Spike		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 87959							Prep Batch: 87730		
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.0998	0.08987		mg/Kg		90	70 - 130
Toluene	<0.00201	U	0.0998	0.07490		mg/Kg		75	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46960-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-46961-A-1-B MS
Matrix: Solid
Analysis Batch: 87959

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 87730

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.0998	0.07679		mg/Kg		77	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1489		mg/Kg		75	70 - 130
o-Xylene	<0.00201	U	0.0998	0.07752		mg/Kg		78	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	94		70 - 130						
1,4-Difluorobenzene (Surr)	98		70 - 130						

Lab Sample ID: 880-46961-A-1-C MSD
Matrix: Solid
Analysis Batch: 87959

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 87730

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.08754		mg/Kg		87	70 - 130	3	35
Toluene	<0.00201	U	0.100	0.07227		mg/Kg		72	70 - 130	4	35
Ethylbenzene	<0.00201	U	0.100	0.07290		mg/Kg		73	70 - 130	5	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1416		mg/Kg		71	70 - 130	5	35
o-Xylene	<0.00201	U	0.100	0.07388		mg/Kg		74	70 - 130	5	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	93		70 - 130								
1,4-Difluorobenzene (Surr)	97		70 - 130								

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-87722/1-A
Matrix: Solid
Analysis Batch: 87745

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 87722

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/07/24 08:59	08/07/24 11:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/07/24 08:59	08/07/24 11:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/07/24 08:59	08/07/24 11:55	1
Surrogate	MB %Recovery	MB Qualifier	Limits						
1-Chlorooctane	118		70 - 130						
o-Terphenyl	117		70 - 130						

Lab Sample ID: LCS 880-87722/2-A
Matrix: Solid
Analysis Batch: 87745

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 87722

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1117		mg/Kg		112	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1249		mg/Kg		125	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46960-1
SDG: Eddy Co, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-87722/2-A
Matrix: Solid
Analysis Batch: 87745

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 87722

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	135	S1+	70 - 130

Lab Sample ID: LCSD 880-87722/3-A
Matrix: Solid
Analysis Batch: 87745

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 87722

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1093		mg/Kg		109	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1202		mg/Kg		120	70 - 130	4	20
Surrogate	LCSD	LCSD									
	%Recovery	Qualifier									
1-Chlorooctane	115								70 - 130		
o-Terphenyl	126								70 - 130		

Lab Sample ID: 890-6985-A-14-B MS
Matrix: Solid
Analysis Batch: 87745

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 87722

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	1023		mg/Kg		103	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	995	1095		mg/Kg		110	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier									
1-Chlorooctane	117								70 - 130		
o-Terphenyl	129								70 - 130		

Lab Sample ID: 890-6985-A-14-C MSD
Matrix: Solid
Analysis Batch: 87745

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 87722

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	1018		mg/Kg		102	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.0	U	995	1090		mg/Kg		109	70 - 130	0	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier									
1-Chlorooctane	116								70 - 130		
o-Terphenyl	129								70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46960-1
SDG: Eddy Co, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-87885/1-A							Client Sample ID: Method Blank			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 87899							Prep Batch: 87885			
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/24 08:52	08/08/24 09:36	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/24 08:52	08/08/24 09:36	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/24 08:52	08/08/24 09:36	1	
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	81		70 - 130				08/08/24 08:52	08/08/24 09:36	1	
o-Terphenyl	75		70 - 130				08/08/24 08:52	08/08/24 09:36	1	

Lab Sample ID: LCS 880-87885/2-A							Client Sample ID: Lab Control Sample			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 87899							Prep Batch: 87885			
Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10		1000	1190		mg/Kg		119	70 - 130		
Diesel Range Organics (Over C10-C28)		1000	1098		mg/Kg		110	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits							
1-Chlorooctane	131	S1+	70 - 130							
o-Terphenyl	107		70 - 130							

Lab Sample ID: LCSD 880-87885/3-A							Client Sample ID: Lab Control Sample Dup			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 87899							Prep Batch: 87885			
Analyte		Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10		1000	948.7	*1	mg/Kg		95	70 - 130	23	20
Diesel Range Organics (Over C10-C28)		1000	855.9	*1	mg/Kg		86	70 - 130	25	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits							
1-Chlorooctane	100		70 - 130							
o-Terphenyl	82		70 - 130							

Lab Sample ID: 880-46971-A-1-G MS							Client Sample ID: Matrix Spike			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 87899							Prep Batch: 87885			
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.5	U *1	998	837.4		mg/Kg		84	70 - 130	
Diesel Range Organics (Over C10-C28)	59.4	*1	998	782.4		mg/Kg		72	70 - 130	

QC Sample Results

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46960-1
SDG: Eddy Co, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-46971-A-1-G MS
Matrix: Solid
Analysis Batch: 87899

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 87885

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	86		70 - 130

Lab Sample ID: 880-46971-A-1-H MSD
Matrix: Solid
Analysis Batch: 87899

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 87885

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.5	U *1	998	859.7		mg/Kg		86	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	59.4	*1	998	807.9		mg/Kg		75	70 - 130	3	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	101		70 - 130
o-Terphenyl	87		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-87786/1-A
Matrix: Solid
Analysis Batch: 87827

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/08/24 17:44	1

Lab Sample ID: LCS 880-87786/2-A
Matrix: Solid
Analysis Batch: 87827

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	233.6		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-87786/3-A
Matrix: Solid
Analysis Batch: 87827

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	235.9		mg/Kg		94	90 - 110	1	20

Lab Sample ID: 880-46961-A-4-D MS
Matrix: Solid
Analysis Batch: 87827

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	35.4		249	277.7		mg/Kg		97	90 - 110

QC Sample Results

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46960-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-46961-A-4-E MSD					Client Sample ID: Matrix Spike Duplicate							
Matrix: Solid					Prep Type: Soluble							
Analysis Batch: 87827												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	35.4		249	278.7		mg/Kg		98	90 - 110	0	20	

QC Association Summary

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46960-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 87730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46960-1	H-1 (0-1.0')	Total/NA	Solid	5035	
880-46960-2	H-2 (0-1.0')	Total/NA	Solid	5035	
880-46960-3	H-3 (0-1.0')	Total/NA	Solid	5035	
880-46960-4	H-4 (0-1.0')	Total/NA	Solid	5035	
MB 880-87730/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-87730/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-87730/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-46961-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-46961-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 87959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46960-1	H-1 (0-1.0')	Total/NA	Solid	8021B	87730
880-46960-2	H-2 (0-1.0')	Total/NA	Solid	8021B	87730
880-46960-3	H-3 (0-1.0')	Total/NA	Solid	8021B	87730
880-46960-4	H-4 (0-1.0')	Total/NA	Solid	8021B	87730
MB 880-87730/5-A	Method Blank	Total/NA	Solid	8021B	87730
LCS 880-87730/1-A	Lab Control Sample	Total/NA	Solid	8021B	87730
LCSD 880-87730/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	87730
880-46961-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	87730
880-46961-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	87730

Analysis Batch: 88227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46960-1	H-1 (0-1.0')	Total/NA	Solid	Total BTEX	
880-46960-2	H-2 (0-1.0')	Total/NA	Solid	Total BTEX	
880-46960-3	H-3 (0-1.0')	Total/NA	Solid	Total BTEX	
880-46960-4	H-4 (0-1.0')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 87722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46960-2	H-2 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-46960-3	H-3 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-46960-4	H-4 (0-1.0')	Total/NA	Solid	8015NM Prep	
MB 880-87722/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-87722/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-87722/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-6985-A-14-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-6985-A-14-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 87745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46960-2	H-2 (0-1.0')	Total/NA	Solid	8015B NM	87722
880-46960-3	H-3 (0-1.0')	Total/NA	Solid	8015B NM	87722
880-46960-4	H-4 (0-1.0')	Total/NA	Solid	8015B NM	87722
MB 880-87722/1-A	Method Blank	Total/NA	Solid	8015B NM	87722
LCS 880-87722/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	87722
LCSD 880-87722/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	87722
890-6985-A-14-B MS	Matrix Spike	Total/NA	Solid	8015B NM	87722

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QC Association Summary

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46960-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 87745 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6985-A-14-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	87722

Analysis Batch: 87877

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46960-1	H-1 (0-1.0')	Total/NA	Solid	8015 NM	
880-46960-2	H-2 (0-1.0')	Total/NA	Solid	8015 NM	
880-46960-3	H-3 (0-1.0')	Total/NA	Solid	8015 NM	
880-46960-4	H-4 (0-1.0')	Total/NA	Solid	8015 NM	

Prep Batch: 87885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46960-1	H-1 (0-1.0')	Total/NA	Solid	8015NM Prep	
MB 880-87885/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-87885/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-87885/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-46971-A-1-G MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-46971-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 87899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46960-1	H-1 (0-1.0')	Total/NA	Solid	8015B NM	87885
MB 880-87885/1-A	Method Blank	Total/NA	Solid	8015B NM	87885
LCS 880-87885/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	87885
LCSD 880-87885/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	87885
880-46971-A-1-G MS	Matrix Spike	Total/NA	Solid	8015B NM	87885
880-46971-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	87885

HPLC/IC

Leach Batch: 87786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46960-1	H-1 (0-1.0')	Soluble	Solid	DI Leach	
880-46960-2	H-2 (0-1.0')	Soluble	Solid	DI Leach	
880-46960-3	H-3 (0-1.0')	Soluble	Solid	DI Leach	
880-46960-4	H-4 (0-1.0')	Soluble	Solid	DI Leach	
MB 880-87786/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-87786/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-87786/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-46961-A-4-D MS	Matrix Spike	Soluble	Solid	DI Leach	
880-46961-A-4-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 87827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46960-1	H-1 (0-1.0')	Soluble	Solid	300.0	87786
880-46960-2	H-2 (0-1.0')	Soluble	Solid	300.0	87786
880-46960-3	H-3 (0-1.0')	Soluble	Solid	300.0	87786
880-46960-4	H-4 (0-1.0')	Soluble	Solid	300.0	87786
MB 880-87786/1-A	Method Blank	Soluble	Solid	300.0	87786
LCS 880-87786/2-A	Lab Control Sample	Soluble	Solid	300.0	87786
LCSD 880-87786/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	87786
880-46961-A-4-D MS	Matrix Spike	Soluble	Solid	300.0	87786

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46960-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 87827 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46961-A-4-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	87786

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Lab Chronicle

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46960-1
SDG: Eddy Co, NM

Client Sample ID: H-1 (0-1.0')

Lab Sample ID: 880-46960-1

Date Collected: 08/06/24 00:00

Matrix: Solid

Date Received: 08/06/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	87730	08/07/24 10:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87959	08/09/24 18:29	EL	EET MID
Total/NA	Analysis	Total BTEX		1			88227	08/09/24 18:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			87877	08/08/24 16:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	87885	08/08/24 11:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87899	08/08/24 16:50	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	87786	08/07/24 16:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87827	08/08/24 18:25	CH	EET MID

Client Sample ID: H-2 (0-1.0')

Lab Sample ID: 880-46960-2

Date Collected: 08/06/24 00:00

Matrix: Solid

Date Received: 08/06/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	87730	08/07/24 10:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87959	08/09/24 18:49	EL	EET MID
Total/NA	Analysis	Total BTEX		1			88227	08/09/24 18:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			87877	08/07/24 22:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	87722	08/07/24 08:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87745	08/07/24 22:16	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	87786	08/07/24 16:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87827	08/08/24 18:31	CH	EET MID

Client Sample ID: H-3 (0-1.0')

Lab Sample ID: 880-46960-3

Date Collected: 08/06/24 00:00

Matrix: Solid

Date Received: 08/06/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	87730	08/07/24 10:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87959	08/09/24 19:10	EL	EET MID
Total/NA	Analysis	Total BTEX		1			88227	08/09/24 19:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			87877	08/07/24 22:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	87722	08/07/24 08:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87745	08/07/24 22:33	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	87786	08/07/24 16:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87827	08/08/24 18:46	CH	EET MID

Client Sample ID: H-4 (0-1.0')

Lab Sample ID: 880-46960-4

Date Collected: 08/06/24 00:00

Matrix: Solid

Date Received: 08/06/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	87730	08/07/24 10:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87959	08/09/24 19:31	EL	EET MID
Total/NA	Analysis	Total BTEX		1			88227	08/09/24 19:31	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46960-1
SDG: Eddy Co, NM

Client Sample ID: H-4 (0-1.0')
Date Collected: 08/06/24 00:00
Date Received: 08/06/24 16:45

Lab Sample ID: 880-46960-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			87877	08/07/24 22:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	87722	08/07/24 08:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87745	08/07/24 22:49	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	87786	08/07/24 16:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87827	08/08/24 18:52	CH	EET MID

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46960-1
SDG: Eddy Co, NM

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46960-1
SDG: Eddy Co, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Carmona Resources
Project/Site: Onzurez 1B Battery (07.08.2024)

Job ID: 880-46960-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-46960-1	H-1 (0-1.0')	Solid	08/06/24 00:00	08/06/24 16:45
880-46960-2	H-2 (0-1.0')	Solid	08/06/24 00:00	08/06/24 16:45
880-46960-3	H-3 (0-1.0')	Solid	08/06/24 00:00	08/06/24 16:45
880-46960-4	H-4 (0-1.0')	Solid	08/06/24 00:00	08/06/24 16:45

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Chain of Custody



880-46960 Chain of Custody

Wor

Page 1 of 1

Project Manager: Ashton Thielke		Bill to: (if different)		Carmona Resources	
Company Name: Carmona Resources		Company Name:			
Address: 310 West Wall Ste. 500		Address:			
City, State ZIP: Midland, TX 79701		City, State ZIP:			
Phone: 432-813-8988		Email: ThielkeA@Carmonaresources.com			

Project Name: Onsurez 1B Battery (07.08.2024)		Turn Around		Pres. Code	
Project Number: 2483		☒ Routine ☐ Rush			
Project Location: Eddy Co, NM		Due Date: Normal			
Sampler's Name: GPJ		TAT starts the day received by the lab, if received by 4:30pm			
PO #:					

ANALYSIS REQUEST										Preservative Codes	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Pres. Code	Analysis Request	Preservative Codes	
H-1 (0-1.0')	8/6/2024		X		G	1	BTX 8021B			None: NO	
H-2 (0-1.0')	8/6/2024		X		G	1	TPH 8015M (GRO + DRO + MRO)			DI Water: H ₂ O	
H-3 (0-1.0')	8/6/2024		X		G	1	Chloride 300.0			Cool: Cool	
H-4 (0-1.0')	8/6/2024		X		G	1				MeOH: Me	
										HCL: HC	
										HNO ₃ : HN	
										H ₂ SO ₄ : H ₂	
										NaOH: Na	
										H ₃ PO ₄ : HP	
										NaHSO ₄ : NABIS	
										Na ₂ S ₂ O ₃ : NaSO ₃	
										Zn Acetate+NaOH: Zn	
										NaOH+Ascorbic Acid: SAPC	
Sample Comments											

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time

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Revised Date 05/01/2020 Rev. 2020.1



fins

Environment Testing

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1286
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 888-3199
Little Rock, AR (501) 224-5060



880-46959 Chain of Custody

Work Cited

Page 7 of 7

Page 5

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project: <i>NM</i>	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables: EDD ☒ ADAPT ☐ Other: ☐	

Project Manager:	Brad Wynne			Bill to: (if different)	
Company Name:	AFECOM			Company Name:	
Address:	13355 Noel Rd Suite 400			Address:	
City, State ZIP:	Dallas, TX 75240			City, State ZIP:	
Phone:	214-971-1829			Email:	Bradley.wynne@aec.com.com

[illegible][illegible]

Notes: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	<i>[Signature]</i> - AECAN	<i>[Signature]</i>	8/7/24	<i>[Signature]</i>		8/6/24 1630
3						

Revised Date: 08/25/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-46960-1

SDG Number: Eddy Co, NM

Login Number: 46960

List Number: 1

Creator: Vasquez, Julisa

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing

- 1
- 2
- 3
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- 5
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- 13
- 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Mike Carmona
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 10/15/2024 10:16:36 AM Revision 1

JOB DESCRIPTION

Onsurez 1B Battery (07.08.2024)
Eddy Co, NM

JOB NUMBER

880-48805-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Generated
10/15/2024 10:16:36 AM
Revision 1

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Laboratory Job ID: 880-48805-1
SDG: Eddy Co, NM

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	18
QC Sample Results	20
QC Association Summary	29
Lab Chronicle	34
Certification Summary	39
Method Summary	40
Sample Summary	41
Chain of Custody	42
Receipt Checklists	43

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Definitions/Glossary

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources
Project: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1

Job ID: 880-48805-1

Eurofins Midland

Job Narrative 880-48805-1

REVISION

The report being provided is a revision of the original report sent on 9/24/2024. The report (revision 1) is being revised due to Per client email, COC missing on final report..

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 9/23/2024 8:38 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.2°C.

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-91441 and analytical batch 880-91462 was outside the upper control limits.

Method 8015MOD_NM: The closing continuing calibration verification (CCVC) associated with batch 880-91463 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-91446/2-A) and (LCSD 880-91446/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-7 (4.0') (880-48805-7), CS-8 (4.0') (880-48805-8), CS-9 (4.0') (880-48805-9), CS-10 (4.0') (880-48805-10), CS-11 (4.0') (880-48805-11), CS-12 (4.0') (880-48805-12), SW-1 (4.0') (880-48805-13), SW-3 (4.0') (880-48805-15) and SW-4 (4.0') (880-48805-16). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

Client Sample ID: CS-1 (4.0')

Lab Sample ID: 880-48805-1

Date Collected: 09/20/24 00:00

Matrix: Solid

Date Received: 09/23/24 08:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/23/24 09:41	09/23/24 17:22	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/23/24 09:41	09/23/24 17:22	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/23/24 09:41	09/23/24 17:22	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/23/24 09:41	09/23/24 17:22	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/23/24 09:41	09/23/24 17:22	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/23/24 09:41	09/23/24 17:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130	09/23/24 09:41	09/23/24 17:22	1
1,4-Difluorobenzene (Surr)	82		70 - 130	09/23/24 09:41	09/23/24 17:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			09/23/24 17:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/24/24 02:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/23/24 09:26	09/24/24 02:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/23/24 09:26	09/24/24 02:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/23/24 09:26	09/24/24 02:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130	09/23/24 09:26	09/24/24 02:56	1
o-Terphenyl	95		70 - 130	09/23/24 09:26	09/24/24 02:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	380		5.02		mg/Kg			09/23/24 13:21	1

Client Sample ID: CS-2 (4.0')

Lab Sample ID: 880-48805-2

Date Collected: 09/20/24 00:00

Matrix: Solid

Date Received: 09/23/24 08:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/23/24 09:41	09/23/24 17:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/23/24 09:41	09/23/24 17:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/23/24 09:41	09/23/24 17:43	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/23/24 09:41	09/23/24 17:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/23/24 09:41	09/23/24 17:43	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/23/24 09:41	09/23/24 17:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	09/23/24 09:41	09/23/24 17:43	1
1,4-Difluorobenzene (Surr)	77		70 - 130	09/23/24 09:41	09/23/24 17:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

Client Sample ID: CS-2 (4.0')

Lab Sample ID: 880-48805-2

Date Collected: 09/20/24 00:00

Matrix: Solid

Date Received: 09/23/24 08:38

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			09/23/24 17:43	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/24/24 03:12	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/23/24 09:26	09/24/24 03:12	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/23/24 09:26	09/24/24 03:12	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/23/24 09:26	09/24/24 03:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				09/23/24 09:26	09/24/24 03:12	1
o-Terphenyl	91		70 - 130				09/23/24 09:26	09/24/24 03:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	161		5.05		mg/Kg			09/23/24 14:20	1

Client Sample ID: CS-3 (4.0')

Lab Sample ID: 880-48805-3

Date Collected: 09/20/24 00:00

Matrix: Solid

Date Received: 09/23/24 08:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/23/24 09:41	09/23/24 18:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/23/24 09:41	09/23/24 18:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/23/24 09:41	09/23/24 18:03	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/23/24 09:41	09/23/24 18:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/23/24 09:41	09/23/24 18:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/23/24 09:41	09/23/24 18:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130				09/23/24 09:41	09/23/24 18:03	1
1,4-Difluorobenzene (Surr)	77		70 - 130				09/23/24 09:41	09/23/24 18:03	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/23/24 18:03	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/24/24 03:29	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/23/24 09:26	09/24/24 03:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/23/24 09:26	09/24/24 03:29	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

Client Sample ID: CS-3 (4.0')
Date Collected: 09/20/24 00:00
Date Received: 09/23/24 08:38

Lab Sample ID: 880-48805-3
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg	-	09/23/24 09:26	09/24/24 03:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				09/23/24 09:26	09/24/24 03:29	1
o-Terphenyl	85		70 - 130				09/23/24 09:26	09/24/24 03:29	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	197		4.98		mg/Kg	-		09/23/24 14:26	1

Client Sample ID: CS-4 (4.0')
Date Collected: 09/20/24 00:00
Date Received: 09/23/24 08:38

Lab Sample ID: 880-48805-4
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg	-	09/23/24 09:41	09/23/24 18:24	1
Toluene	<0.00199	U	0.00199		mg/Kg	-	09/23/24 09:41	09/23/24 18:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg	-	09/23/24 09:41	09/23/24 18:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg	-	09/23/24 09:41	09/23/24 18:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg	-	09/23/24 09:41	09/23/24 18:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg	-	09/23/24 09:41	09/23/24 18:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				09/23/24 09:41	09/23/24 18:24	1
1,4-Difluorobenzene (Surr)	81		70 - 130				09/23/24 09:41	09/23/24 18:24	1
Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg	-		09/23/24 18:24	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg	-		09/24/24 03:44	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg	-	09/23/24 09:26	09/24/24 03:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg	-	09/23/24 09:26	09/24/24 03:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg	-	09/23/24 09:26	09/24/24 03:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				09/23/24 09:26	09/24/24 03:44	1
o-Terphenyl	90		70 - 130				09/23/24 09:26	09/24/24 03:44	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	165		4.96		mg/Kg	-		09/23/24 14:31	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

Client Sample ID: CS-5 (4.0')
Date Collected: 09/20/24 00:00
Date Received: 09/23/24 08:38

Lab Sample ID: 880-48805-5
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/23/24 09:41	09/23/24 18:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/23/24 09:41	09/23/24 18:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/23/24 09:41	09/23/24 18:44	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/23/24 09:41	09/23/24 18:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/23/24 09:41	09/23/24 18:44	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/23/24 09:41	09/23/24 18:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				09/23/24 09:41	09/23/24 18:44	1
1,4-Difluorobenzene (Surr)	86		70 - 130				09/23/24 09:41	09/23/24 18:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/23/24 18:44	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/24/24 04:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/23/24 09:26	09/24/24 04:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/23/24 09:26	09/24/24 04:01	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/23/24 09:26	09/24/24 04:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				09/23/24 09:26	09/24/24 04:01	1
o-Terphenyl	84		70 - 130				09/23/24 09:26	09/24/24 04:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	146		5.00		mg/Kg			09/23/24 14:37	1

Client Sample ID: CS-6 (4.0')
Date Collected: 09/20/24 00:00
Date Received: 09/23/24 08:38

Lab Sample ID: 880-48805-6
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/23/24 09:41	09/23/24 19:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/23/24 09:41	09/23/24 19:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/23/24 09:41	09/23/24 19:05	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/23/24 09:41	09/23/24 19:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/23/24 09:41	09/23/24 19:05	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/23/24 09:41	09/23/24 19:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				09/23/24 09:41	09/23/24 19:05	1
1,4-Difluorobenzene (Surr)	78		70 - 130				09/23/24 09:41	09/23/24 19:05	1

Client Sample Results

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

Client Sample ID: CS-6 (4.0')

Lab Sample ID: 880-48805-6

Date Collected: 09/20/24 00:00

Matrix: Solid

Date Received: 09/23/24 08:38

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			09/23/24 19:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/23/24 22:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/23/24 09:35	09/23/24 22:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/23/24 09:35	09/23/24 22:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/23/24 09:35	09/23/24 22:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130	09/23/24 09:35	09/23/24 22:04	1
o-Terphenyl	115		70 - 130	09/23/24 09:35	09/23/24 22:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	215		5.00		mg/Kg			09/23/24 14:42	1

Client Sample ID: CS-7 (4.0')

Lab Sample ID: 880-48805-7

Date Collected: 09/20/24 00:00

Matrix: Solid

Date Received: 09/23/24 08:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/23/24 09:40	09/23/24 16:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/23/24 09:40	09/23/24 16:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/23/24 09:40	09/23/24 16:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/23/24 09:40	09/23/24 16:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/23/24 09:40	09/23/24 16:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/23/24 09:40	09/23/24 16:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	09/23/24 09:40	09/23/24 16:31	1
1,4-Difluorobenzene (Surr)	101		70 - 130	09/23/24 09:40	09/23/24 16:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/23/24 16:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/23/24 22:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/23/24 09:35	09/23/24 22:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/23/24 09:35	09/23/24 22:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

Client Sample ID: CS-7 (4.0')

Date Collected: 09/20/24 00:00

Date Received: 09/23/24 08:38

Lab Sample ID: 880-48805-7

Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/23/24 09:35	09/23/24 22:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130				09/23/24 09:35	09/23/24 22:54	1
o-Terphenyl	120		70 - 130				09/23/24 09:35	09/23/24 22:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	182		5.03		mg/Kg			09/23/24 14:58	1

Client Sample ID: CS-8 (4.0')

Date Collected: 09/20/24 00:00

Date Received: 09/23/24 08:38

Lab Sample ID: 880-48805-8

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/23/24 09:40	09/23/24 16:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/23/24 09:40	09/23/24 16:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/23/24 09:40	09/23/24 16:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/23/24 09:40	09/23/24 16:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/23/24 09:40	09/23/24 16:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/23/24 09:40	09/23/24 16:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				09/23/24 09:40	09/23/24 16:52	1
1,4-Difluorobenzene (Surr)	101		70 - 130				09/23/24 09:40	09/23/24 16:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/23/24 16:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/23/24 23:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/23/24 09:35	09/23/24 23:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/23/24 09:35	09/23/24 23:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/23/24 09:35	09/23/24 23:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	135	S1+	70 - 130				09/23/24 09:35	09/23/24 23:09	1
o-Terphenyl	122		70 - 130				09/23/24 09:35	09/23/24 23:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	194		5.02		mg/Kg			09/23/24 15:04	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

Client Sample ID: CS-9 (4.0')

Lab Sample ID: 880-48805-9

Date Collected: 09/20/24 00:00

Matrix: Solid

Date Received: 09/23/24 08:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/23/24 09:40	09/23/24 17:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/23/24 09:40	09/23/24 17:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/23/24 09:40	09/23/24 17:12	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/23/24 09:40	09/23/24 17:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/23/24 09:40	09/23/24 17:12	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/23/24 09:40	09/23/24 17:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	09/23/24 09:40	09/23/24 17:12	1
1,4-Difluorobenzene (Surr)	101		70 - 130	09/23/24 09:40	09/23/24 17:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/23/24 17:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/23/24 23:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/23/24 09:35	09/23/24 23:26	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/23/24 09:35	09/23/24 23:26	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/23/24 09:35	09/23/24 23:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130	09/23/24 09:35	09/23/24 23:26	1
o-Terphenyl	116		70 - 130	09/23/24 09:35	09/23/24 23:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	190		5.05		mg/Kg			09/23/24 15:20	1

Client Sample ID: CS-10 (4.0')

Lab Sample ID: 880-48805-10

Date Collected: 09/20/24 00:00

Matrix: Solid

Date Received: 09/23/24 08:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/23/24 09:40	09/23/24 17:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/23/24 09:40	09/23/24 17:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/23/24 09:40	09/23/24 17:32	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/23/24 09:40	09/23/24 17:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/23/24 09:40	09/23/24 17:32	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/23/24 09:40	09/23/24 17:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	09/23/24 09:40	09/23/24 17:32	1
1,4-Difluorobenzene (Surr)	100		70 - 130	09/23/24 09:40	09/23/24 17:32	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

Client Sample ID: CS-10 (4.0')
Date Collected: 09/20/24 00:00
Date Received: 09/23/24 08:38

Lab Sample ID: 880-48805-10
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			09/23/24 17:32	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/23/24 23:41	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/23/24 09:35	09/23/24 23:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/23/24 09:35	09/23/24 23:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/23/24 09:35	09/23/24 23:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130				09/23/24 09:35	09/23/24 23:41	1
o-Terphenyl	118		70 - 130				09/23/24 09:35	09/23/24 23:41	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	192		4.98		mg/Kg			09/23/24 15:25	1

Client Sample ID: CS-11 (4.0')
Date Collected: 09/20/24 00:00
Date Received: 09/23/24 08:38

Lab Sample ID: 880-48805-11
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/23/24 09:40	09/23/24 17:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/23/24 09:40	09/23/24 17:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/23/24 09:40	09/23/24 17:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/23/24 09:40	09/23/24 17:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/23/24 09:40	09/23/24 17:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/23/24 09:40	09/23/24 17:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				09/23/24 09:40	09/23/24 17:53	1
1,4-Difluorobenzene (Surr)	100		70 - 130				09/23/24 09:40	09/23/24 17:53	1
Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/23/24 17:53	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/23/24 23:59	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/23/24 09:35	09/23/24 23:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/23/24 09:35	09/23/24 23:59	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

Client Sample ID: CS-11 (4.0')

Lab Sample ID: 880-48805-11

Date Collected: 09/20/24 00:00

Matrix: Solid

Date Received: 09/23/24 08:38

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/23/24 09:35	09/23/24 23:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130				09/23/24 09:35	09/23/24 23:59	1
o-Terphenyl	119		70 - 130				09/23/24 09:35	09/23/24 23:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	219		4.96		mg/Kg			09/23/24 15:31	1

Client Sample ID: CS-12 (4.0')

Lab Sample ID: 880-48805-12

Date Collected: 09/20/24 00:00

Matrix: Solid

Date Received: 09/23/24 08:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/23/24 09:40	09/23/24 18:13	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/23/24 09:40	09/23/24 18:13	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/23/24 09:40	09/23/24 18:13	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/23/24 09:40	09/23/24 18:13	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/23/24 09:40	09/23/24 18:13	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/23/24 09:40	09/23/24 18:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				09/23/24 09:40	09/23/24 18:13	1
1,4-Difluorobenzene (Surr)	100		70 - 130				09/23/24 09:40	09/23/24 18:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			09/23/24 18:13	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/24/24 00:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/23/24 09:35	09/24/24 00:15	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/23/24 09:35	09/24/24 00:15	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/23/24 09:35	09/24/24 00:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	137	S1+	70 - 130				09/23/24 09:35	09/24/24 00:15	1
o-Terphenyl	121		70 - 130				09/23/24 09:35	09/24/24 00:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	231		5.04		mg/Kg			09/23/24 15:36	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

Client Sample ID: SW-1 (4.0')
Date Collected: 09/20/24 00:00
Date Received: 09/23/24 08:38

Lab Sample ID: 880-48805-13
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/23/24 09:40	09/23/24 18:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/23/24 09:40	09/23/24 18:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/23/24 09:40	09/23/24 18:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/23/24 09:40	09/23/24 18:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/23/24 09:40	09/23/24 18:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/23/24 09:40	09/23/24 18:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				09/23/24 09:40	09/23/24 18:33	1
1,4-Difluorobenzene (Surr)	99		70 - 130				09/23/24 09:40	09/23/24 18:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/23/24 18:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/24/24 00:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/23/24 09:35	09/24/24 00:31	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/23/24 09:35	09/24/24 00:31	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/23/24 09:35	09/24/24 00:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	145	S1+	70 - 130				09/23/24 09:35	09/24/24 00:31	1
o-Terphenyl	125		70 - 130				09/23/24 09:35	09/24/24 00:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	185		4.97		mg/Kg			09/23/24 15:41	1

Client Sample ID: SW-2 (4.0')
Date Collected: 09/20/24 00:00
Date Received: 09/23/24 08:38

Lab Sample ID: 880-48805-14
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/23/24 09:50	09/23/24 16:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/23/24 09:50	09/23/24 16:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/23/24 09:50	09/23/24 16:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/23/24 09:50	09/23/24 16:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/23/24 09:50	09/23/24 16:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/23/24 09:50	09/23/24 16:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				09/23/24 09:50	09/23/24 16:12	1
1,4-Difluorobenzene (Surr)	101		70 - 130				09/23/24 09:50	09/23/24 16:12	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

Client Sample ID: SW-2 (4.0')

Lab Sample ID: 880-48805-14

Date Collected: 09/20/24 00:00

Matrix: Solid

Date Received: 09/23/24 08:38

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/23/24 16:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/24/24 00:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/23/24 09:35	09/24/24 00:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/23/24 09:35	09/24/24 00:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/23/24 09:35	09/24/24 00:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130				09/23/24 09:35	09/24/24 00:47	1
o-Terphenyl	112		70 - 130				09/23/24 09:35	09/24/24 00:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	167		5.00		mg/Kg			09/23/24 15:47	1

Client Sample ID: SW-3 (4.0')

Lab Sample ID: 880-48805-15

Date Collected: 09/20/24 00:00

Matrix: Solid

Date Received: 09/23/24 08:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/23/24 09:50	09/23/24 16:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/23/24 09:50	09/23/24 16:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/23/24 09:50	09/23/24 16:32	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/23/24 09:50	09/23/24 16:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/23/24 09:50	09/23/24 16:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/23/24 09:50	09/23/24 16:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				09/23/24 09:50	09/23/24 16:32	1
1,4-Difluorobenzene (Surr)	100		70 - 130				09/23/24 09:50	09/23/24 16:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/23/24 16:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/24/24 01:03	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/23/24 09:35	09/24/24 01:03	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/23/24 09:35	09/24/24 01:03	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

Client Sample ID: SW-3 (4.0')

Lab Sample ID: 880-48805-15

Date Collected: 09/20/24 00:00

Matrix: Solid

Date Received: 09/23/24 08:38

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/23/24 09:35	09/24/24 01:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130				09/23/24 09:35	09/24/24 01:03	1
o-Terphenyl	120		70 - 130				09/23/24 09:35	09/24/24 01:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	159		5.05		mg/Kg			09/23/24 15:52	1

Client Sample ID: SW-4 (4.0')

Lab Sample ID: 880-48805-16

Date Collected: 09/20/24 00:00

Matrix: Solid

Date Received: 09/23/24 08:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/23/24 09:50	09/23/24 16:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/23/24 09:50	09/23/24 16:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/23/24 09:50	09/23/24 16:52	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/23/24 09:50	09/23/24 16:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/23/24 09:50	09/23/24 16:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/23/24 09:50	09/23/24 16:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				09/23/24 09:50	09/23/24 16:52	1
1,4-Difluorobenzene (Surr)	100		70 - 130				09/23/24 09:50	09/23/24 16:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/23/24 16:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/24/24 01:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/23/24 09:35	09/24/24 01:36	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/23/24 09:35	09/24/24 01:36	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/23/24 09:35	09/24/24 01:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	140	S1+	70 - 130				09/23/24 09:35	09/24/24 01:36	1
o-Terphenyl	123		70 - 130				09/23/24 09:35	09/24/24 01:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	118		4.97		mg/Kg			09/23/24 19:45	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-48805-1	CS-1 (4.0')	83	82
880-48805-2	CS-2 (4.0')	92	77
880-48805-3	CS-3 (4.0')	81	77
880-48805-4	CS-4 (4.0')	89	81
880-48805-5	CS-5 (4.0')	94	86
880-48805-6	CS-6 (4.0')	86	78
880-48805-7	CS-7 (4.0')	111	101
880-48805-8	CS-8 (4.0')	106	101
880-48805-9	CS-9 (4.0')	107	101
880-48805-10	CS-10 (4.0')	108	100
880-48805-11	CS-11 (4.0')	109	100
880-48805-12	CS-12 (4.0')	107	100
880-48805-13	SW-1 (4.0')	112	99
880-48805-14	SW-2 (4.0')	106	101
880-48805-15	SW-3 (4.0')	111	100
880-48805-16	SW-4 (4.0')	105	100
890-7143-A-1-A MS	Matrix Spike	105	99
890-7143-A-1-B MSD	Matrix Spike Duplicate	106	99
890-7143-A-11-D MS	Matrix Spike	125	109
890-7143-A-11-E MSD	Matrix Spike Duplicate	106	102
890-7144-A-1-A MS	Matrix Spike	100	99
890-7144-A-1-B MSD	Matrix Spike Duplicate	96	94
LCS 880-91369/1-A	Lab Control Sample	100	99
LCS 880-91427/1-A	Lab Control Sample	103	99
LCS 880-91429/1-A	Lab Control Sample	99	116
LCSD 880-91369/2-A	Lab Control Sample Dup	102	98
LCSD 880-91427/2-A	Lab Control Sample Dup	104	98
LCSD 880-91429/2-A	Lab Control Sample Dup	104	103
MB 880-91369/5-A	Method Blank	107	99
MB 880-91427/5-A	Method Blank	105	98
MB 880-91429/5-A	Method Blank	74	92

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
880-48805-1	CS-1 (4.0')	122	95
880-48805-2	CS-2 (4.0')	117	91
880-48805-3	CS-3 (4.0')	109	85
880-48805-4	CS-4 (4.0')	115	90
880-48805-5	CS-5 (4.0')	109	84
880-48805-6	CS-6 (4.0')	127	115
880-48805-6 MS	CS-6 (4.0')	126	121
880-48805-6 MSD	CS-6 (4.0')	123	118

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Surrogate Summary

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)
Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)
Matrix: Solid

Job ID: 880-48805-1
SDG: Eddy Co, NM
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-48805-7	CS-7 (4.0')	134 S1+	120
880-48805-8	CS-8 (4.0')	135 S1+	122
880-48805-9	CS-9 (4.0')	131 S1+	116
880-48805-10	CS-10 (4.0')	131 S1+	118
880-48805-11	CS-11 (4.0')	134 S1+	119
880-48805-12	CS-12 (4.0')	137 S1+	121
880-48805-13	SW-1 (4.0')	145 S1+	125
880-48805-14	SW-2 (4.0')	129	112
880-48805-15	SW-3 (4.0')	132 S1+	120
880-48805-16	SW-4 (4.0')	140 S1+	123
890-7144-A-7-F MS	Matrix Spike	102	90
890-7144-A-7-G MSD	Matrix Spike Duplicate	102	88
LCS 880-91441/2-A	Lab Control Sample	114	105
LCS 880-91446/2-A	Lab Control Sample	134 S1+	132 S1+
LCSD 880-91441/3-A	Lab Control Sample Dup	115	103
LCSD 880-91446/3-A	Lab Control Sample Dup	137 S1+	135 S1+
MB 880-91441/1-A	Method Blank	100	153 S1+
MB 880-91446/1-A	Method Blank	123	116
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-91369/5-A						Client Sample ID: Method Blank					
Matrix: Solid						Prep Type: Total/NA					
Analysis Batch: 91431						Prep Batch: 91369					
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared		Analyzed		Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/20/24 15:45		09/23/24 11:24		1
Toluene	<0.00200	U	0.00200		mg/Kg		09/20/24 15:45		09/23/24 11:24		1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/20/24 15:45		09/23/24 11:24		1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/20/24 15:45		09/23/24 11:24		1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/20/24 15:45		09/23/24 11:24		1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/20/24 15:45		09/23/24 11:24		1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared		Analyzed		Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				09/20/24 15:45		09/23/24 11:24		1
1,4-Difluorobenzene (Surr)	99		70 - 130				09/20/24 15:45		09/23/24 11:24		1

Lab Sample ID: LCS 880-91369/1-A						Client Sample ID: Lab Control Sample				
Matrix: Solid						Prep Type: Total/NA				
Analysis Batch: 91431						Prep Batch: 91369				
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
	Benzene		0.100	0.08242		mg/Kg		82	70 - 130	
	Toluene		0.100	0.07877		mg/Kg		79	70 - 130	
	Ethylbenzene		0.100	0.07785		mg/Kg		78	70 - 130	
	m-Xylene & p-Xylene		0.200	0.1658		mg/Kg		83	70 - 130	
	o-Xylene		0.100	0.08337		mg/Kg		83	70 - 130	
		LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	100		70 - 130							
1,4-Difluorobenzene (Surr)	99		70 - 130							

Lab Sample ID: LCSD 880-91369/2-A							Client Sample ID: Lab Control Sample Dup			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 91431							Prep Batch: 91369			
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD Limit
Benzene			0.100	0.08127		mg/Kg		81	70 - 130	1 35
Toluene			0.100	0.07787		mg/Kg		78	70 - 130	1 35
Ethylbenzene			0.100	0.07697		mg/Kg		77	70 - 130	1 35
m-Xylene & p-Xylene			0.200	0.1638		mg/Kg		82	70 - 130	1 35
o-Xylene			0.100	0.08260		mg/Kg		83	70 - 130	1 35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits							
4-Bromofluorobenzene (Surr)	102		70 - 130							
1,4-Difluorobenzene (Surr)	98		70 - 130							

Lab Sample ID: 890-7144-A-1-A MS							Client Sample ID: Matrix Spike			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 91431							Prep Batch: 91369			
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene	<0.00201	U	0.0996	0.08954		mg/Kg		90	70 - 130	
Toluene	<0.00201	U	0.0996	0.08483		mg/Kg		85	70 - 130	

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QC Sample Results

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-7144-A-1-A MS

Matrix: Solid

Analysis Batch: 91431

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 91369

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.0996	0.08457		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.199	0.1805		mg/Kg		91	70 - 130
o-Xylene	<0.00201	U	0.0996	0.09088		mg/Kg		91	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-7144-A-1-B MSD

Matrix: Solid

Analysis Batch: 91431

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 91369

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.08535		mg/Kg		85	70 - 130	5	35
Toluene	<0.00201	U	0.100	0.08067		mg/Kg		80	70 - 130	5	35
Ethylbenzene	<0.00201	U	0.100	0.08039		mg/Kg		80	70 - 130	5	35
m-Xylene & p-Xylene	<0.00402	U	0.201	0.1711		mg/Kg		85	70 - 130	5	35
o-Xylene	<0.00201	U	0.100	0.08624		mg/Kg		86	70 - 130	5	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: MB 880-91427/5-A

Matrix: Solid

Analysis Batch: 91432

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 91427

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/23/24 08:27	09/23/24 11:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/23/24 08:27	09/23/24 11:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/23/24 08:27	09/23/24 11:32	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/23/24 08:27	09/23/24 11:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/23/24 08:27	09/23/24 11:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/23/24 08:27	09/23/24 11:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	09/23/24 08:27	09/23/24 11:32	1
1,4-Difluorobenzene (Surr)	98		70 - 130	09/23/24 08:27	09/23/24 11:32	1

Lab Sample ID: LCS 880-91427/1-A

Matrix: Solid

Analysis Batch: 91432

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 91427

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08313		mg/Kg		83	70 - 130
Toluene	0.100	0.08532		mg/Kg		85	70 - 130
Ethylbenzene	0.100	0.08652		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	0.200	0.1785		mg/Kg		89	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-91427/1-A

Matrix: Solid

Analysis Batch: 91432

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 91427

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.08922		mg/Kg		89	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-91427/2-A

Matrix: Solid

Analysis Batch: 91432

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 91427

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.08297		mg/Kg		83	70 - 130	0	35
Toluene	0.100	0.08522		mg/Kg		85	70 - 130	0	35
Ethylbenzene	0.100	0.08669		mg/Kg		87	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.1785		mg/Kg		89	70 - 130	0	35
o-Xylene	0.100	0.08925		mg/Kg		89	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 890-7143-A-1-A MS

Matrix: Solid

Analysis Batch: 91432

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 91427

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F1	0.0996	0.05175	F1	mg/Kg		52	70 - 130
Toluene	<0.00201	U F1	0.0996	0.05245	F1	mg/Kg		53	70 - 130
Ethylbenzene	<0.00201	U F1	0.0996	0.05177	F1	mg/Kg		52	70 - 130
m-Xylene & p-Xylene	<0.00402	U F1	0.199	0.1085	F1	mg/Kg		54	70 - 130
o-Xylene	<0.00201	U F1	0.0996	0.05800	F1	mg/Kg		58	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-7143-A-1-B MSD

Matrix: Solid

Analysis Batch: 91432

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 91427

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00201	U F1	0.100	0.04060	F1	mg/Kg		40	70 - 130	24	35
Toluene	<0.00201	U F1	0.100	0.04114	F1	mg/Kg		41	70 - 130	24	35
Ethylbenzene	<0.00201	U F1	0.100	0.04029	F1	mg/Kg		40	70 - 130	25	35
m-Xylene & p-Xylene	<0.00402	U F1	0.201	0.08591	F1	mg/Kg		43	70 - 130	23	35
o-Xylene	<0.00201	U F1	0.100	0.04759	F1	mg/Kg		47	70 - 130	20	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-7143-A-1-B MSD

Matrix: Solid

Analysis Batch: 91432

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 91427

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-91429/5-A

Matrix: Solid

Analysis Batch: 91435

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 91429

Analyte	MB	MB							
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/23/24 08:30	09/23/24 11:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/23/24 08:30	09/23/24 11:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/23/24 08:30	09/23/24 11:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/23/24 08:30	09/23/24 11:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/23/24 08:30	09/23/24 11:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/23/24 08:30	09/23/24 11:50	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		70 - 130				09/23/24 08:30	09/23/24 11:50	1
1,4-Difluorobenzene (Surr)	92		70 - 130				09/23/24 08:30	09/23/24 11:50	1

Lab Sample ID: LCS 880-91429/1-A

Matrix: Solid

Analysis Batch: 91435

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 91429

Analyte	Spike	LCS	LCS						
	Added	Result	Qualifier	Unit	D	%Rec	%Rec	Limits	
Benzene	0.100	0.09434		mg/Kg		94		70 - 130	
Toluene	0.100	0.08655		mg/Kg		87		70 - 130	
Ethylbenzene	0.100	0.08979		mg/Kg		90		70 - 130	
m-Xylene & p-Xylene	0.200	0.1692		mg/Kg		85		70 - 130	
o-Xylene	0.100	0.08512		mg/Kg		85		70 - 130	

	LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	99		70 - 130						
1,4-Difluorobenzene (Surr)	116		70 - 130						

Lab Sample ID: LCSD 880-91429/2-A

Matrix: Solid

Analysis Batch: 91435

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 91429

Analyte	Spike	LCSD	LCSD							
	Added	Result	Qualifier	Unit	D	%Rec	%Rec	Limits	RPD	Limit
Benzene	0.100	0.07969		mg/Kg		80		70 - 130	17	35
Toluene	0.100	0.07414		mg/Kg		74		70 - 130	15	35
Ethylbenzene	0.100	0.07990		mg/Kg		80		70 - 130	12	35
m-Xylene & p-Xylene	0.200	0.1901		mg/Kg		95		70 - 130	12	35
o-Xylene	0.100	0.09200		mg/Kg		92		70 - 130	8	35

	LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	104		70 - 130							

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QC Sample Results

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-91429/2-A
Matrix: Solid
Analysis Batch: 91435

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 91429

LCSD		LCSD	Limits
Surrogate	%Recovery	Qualifier	
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 890-7143-A-11-D MS
Matrix: Solid
Analysis Batch: 91435

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 91429

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier				Limits		
Benzene	<0.00201	U	0.0996	0.08396		mg/Kg		84	70 - 130		
Toluene	0.00238		0.0996	0.08231		mg/Kg		80	70 - 130		
Ethylbenzene	<0.00201	U	0.0996	0.08911		mg/Kg		89	70 - 130		
m-Xylene & p-Xylene	<0.00402	U	0.199	0.1720		mg/Kg		86	70 - 130		
o-Xylene	<0.00201	U	0.0996	0.1061		mg/Kg		107	70 - 130		
</											

Lab Sample ID: 890-7143-A-11-E MSD
Matrix: Solid
Analysis Batch: 91435

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 91429

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Benzene	<0.00201	U	0.100	0.08303		mg/Kg		83	70 - 130	1	35
Toluene	0.00238		0.100	0.07825		mg/Kg		76	70 - 130	5	35
Ethylbenzene	<0.00201	U	0.100	0.07873		mg/Kg		78	70 - 130	12	35
m-Xylene & p-Xylene	<0.00402	U	0.201	0.1831		mg/Kg		91	70 - 130	6	35
o-Xylene	<0.00201	U	0.100	0.08986		mg/Kg		89	70 - 130	17	35
Surrogate	MSD	MSD									
	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	106		70 - 130								
1,4-Difluorobenzene (Surr)	102		70 - 130								

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-91441/1-A
Matrix: Solid
Analysis Batch: 91462

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 91441

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/23/24 09:26	09/23/24 21:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/23/24 09:26	09/23/24 21:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/23/24 09:26	09/23/24 21:17	1
Surrogate	MB	MB	Limits	Prepared		Analyzed	Dil Fac		
	%Recovery	Qualifier							
1-Chlorooctane	100		70 - 130	09/23/24 09:26		09/23/24 21:17	1		
o-Terphenyl	153	S1+	70 - 130	09/23/24 09:26		09/23/24 21:17	1		

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QC Sample Results

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-91441/2-A				Client Sample ID: Lab Control Sample						
Matrix: Solid				Prep Type: Total/NA						
Analysis Batch: 91462				Prep Batch: 91441						
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10			1000	1034		mg/Kg		103	70 - 130	
Diesel Range Organics (Over C10-C28)			1000	847.6		mg/Kg		85	70 - 130	
Surrogate		LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane		114		70 - 130						
o-Terphenyl		105		70 - 130						

Lab Sample ID: LCSD 880-91441/3-A				Client Sample ID: Lab Control Sample Dup						
Matrix: Solid				Prep Type: Total/NA						
Analysis Batch: 91462				Prep Batch: 91441						
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1063		mg/Kg		106	70 - 130	3 20
Diesel Range Organics (Over C10-C28)			1000	866.8		mg/Kg		87	70 - 130	2 20
Surrogate		LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane		115		70 - 130						
o-Terphenyl		103		70 - 130						

Lab Sample ID: 890-7144-A-7-F MS				Client Sample ID: Matrix Spike						
Matrix: Solid				Prep Type: Total/NA						
Analysis Batch: 91462				Prep Batch: 91441						
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	754.3		mg/Kg		76	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U	999	760.6		mg/Kg		76	70 - 130	
Surrogate		MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane		102		70 - 130						
o-Terphenyl		90		70 - 130						

Lab Sample ID: 890-7144-A-7-G MSD				Client Sample ID: Matrix Spike Duplicate						
Matrix: Solid				Prep Type: Total/NA						
Analysis Batch: 91462				Prep Batch: 91441						
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	765.5		mg/Kg		77	70 - 130	1 20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	745.1		mg/Kg		75	70 - 130	2 20
Surrogate		MSD %Recovery	MSD Qualifier	Limits						
1-Chlorooctane		102		70 - 130						

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QC Sample Results

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7144-A-7-G MSD
Matrix: Solid
Analysis Batch: 91462

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 91441

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
o-Terphenyl	88		70 - 130

Lab Sample ID: MB 880-91446/1-A
Matrix: Solid
Analysis Batch: 91463

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 91446

Analyte	MB	MB								
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/23/24 09:35	09/23/24 21:17	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/23/24 09:35	09/23/24 21:17	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/23/24 09:35	09/23/24 21:17	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	123		70 - 130				09/23/24 09:35	09/23/24 21:17	1	
o-Terphenyl	116		70 - 130				09/23/24 09:35	09/23/24 21:17	1	

Lab Sample ID: LCS 880-91446/2-A
Matrix: Solid
Analysis Batch: 91463

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 91446

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1173		mg/Kg		117	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1021		mg/Kg		102	70 - 130		
Surrogate	LCS	LCS									
	%Recovery	Qualifier	Limits								
1-Chlorooctane	134	S1+	70 - 130								
o-Terphenyl	132	S1+	70 - 130								

Lab Sample ID: LCSD 880-91446/3-A
Matrix: Solid
Analysis Batch: 91463

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 91446

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1193		mg/Kg		119	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1050		mg/Kg		105	70 - 130	3	20
Surrogate	LCSD	LCSD									
	%Recovery	Qualifier	Limits								
1-Chlorooctane	137	S1+	70 - 130								
o-Terphenyl	135	S1+	70 - 130								

QC Sample Results

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-48805-6 MS

Matrix: Solid

Analysis Batch: 91463

Client Sample ID: CS-6 (4.0')

Prep Type: Total/NA

Prep Batch: 91446

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	906.0		mg/Kg		91	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1008		mg/Kg		101	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	126		70 - 130								
o-Terphenyl	121		70 - 130								

Lab Sample ID: 880-48805-6 MSD

Matrix: Solid

Analysis Batch: 91463

Client Sample ID: CS-6 (4.0')

Prep Type: Total/NA

Prep Batch: 91446

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	906.2		mg/Kg		91	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	973.2		mg/Kg		97	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	123		70 - 130								
o-Terphenyl	118		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-91449/1-A

Matrix: Solid

Analysis Batch: 91460

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/23/24 12:16	1

Lab Sample ID: LCS 880-91449/2-A

Matrix: Solid

Analysis Batch: 91460

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	238.9		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-91449/3-A

Matrix: Solid

Analysis Batch: 91460

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limits
Chloride	250	236.4		mg/Kg	-	95	90 - 110	1	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-48805-6 MS

Matrix: Solid

Analysis Batch: 91460

Client Sample ID: CS-6 (4.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	215		250	468.7		mg/Kg		102	90 - 110

Lab Sample ID: 880-48805-6 MSD

Matrix: Solid

Analysis Batch: 91460

Client Sample ID: CS-6 (4.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	215		250	465.4		mg/Kg		100	90 - 110	1	20

Lab Sample ID: MB 880-91471/1-A

Matrix: Solid

Analysis Batch: 91512

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/23/24 19:18	1

Lab Sample ID: LCS 880-91471/2-A

Matrix: Solid

Analysis Batch: 91512

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	246.2		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-91471/3-A

Matrix: Solid

Analysis Batch: 91512

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	246.2		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-48805-16 MS

Matrix: Solid

Analysis Batch: 91512

Client Sample ID: SW-4 (4.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	118		249	351.1		mg/Kg		94	90 - 110

Lab Sample ID: 880-48805-16 MSD

Matrix: Solid

Analysis Batch: 91512

Client Sample ID: SW-4 (4.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	118		249	351.2		mg/Kg		94	90 - 110	0	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 91369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48805-14	SW-2 (4.0')	Total/NA	Solid	5035	
880-48805-15	SW-3 (4.0')	Total/NA	Solid	5035	
880-48805-16	SW-4 (4.0')	Total/NA	Solid	5035	
MB 880-91369/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-91369/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-91369/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7144-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
890-7144-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 91427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48805-7	CS-7 (4.0')	Total/NA	Solid	5035	
880-48805-8	CS-8 (4.0')	Total/NA	Solid	5035	
880-48805-9	CS-9 (4.0')	Total/NA	Solid	5035	
880-48805-10	CS-10 (4.0')	Total/NA	Solid	5035	
880-48805-11	CS-11 (4.0')	Total/NA	Solid	5035	
880-48805-12	CS-12 (4.0')	Total/NA	Solid	5035	
880-48805-13	SW-1 (4.0')	Total/NA	Solid	5035	
MB 880-91427/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-91427/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-91427/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7143-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
890-7143-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 91429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48805-1	CS-1 (4.0')	Total/NA	Solid	5035	
880-48805-2	CS-2 (4.0')	Total/NA	Solid	5035	
880-48805-3	CS-3 (4.0')	Total/NA	Solid	5035	
880-48805-4	CS-4 (4.0')	Total/NA	Solid	5035	
880-48805-5	CS-5 (4.0')	Total/NA	Solid	5035	
880-48805-6	CS-6 (4.0')	Total/NA	Solid	5035	
MB 880-91429/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-91429/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-91429/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7143-A-11-D MS	Matrix Spike	Total/NA	Solid	5035	
890-7143-A-11-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 91431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48805-14	SW-2 (4.0')	Total/NA	Solid	8021B	91369
880-48805-15	SW-3 (4.0')	Total/NA	Solid	8021B	91369
880-48805-16	SW-4 (4.0')	Total/NA	Solid	8021B	91369
MB 880-91369/5-A	Method Blank	Total/NA	Solid	8021B	91369
LCS 880-91369/1-A	Lab Control Sample	Total/NA	Solid	8021B	91369
LCSD 880-91369/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	91369
890-7144-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	91369
890-7144-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	91369

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QC Association Summary

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

GC VOA

Analysis Batch: 91432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48805-7	CS-7 (4.0')	Total/NA	Solid	8021B	91427
880-48805-8	CS-8 (4.0')	Total/NA	Solid	8021B	91427
880-48805-9	CS-9 (4.0')	Total/NA	Solid	8021B	91427
880-48805-10	CS-10 (4.0')	Total/NA	Solid	8021B	91427
880-48805-11	CS-11 (4.0')	Total/NA	Solid	8021B	91427
880-48805-12	CS-12 (4.0')	Total/NA	Solid	8021B	91427
880-48805-13	SW-1 (4.0')	Total/NA	Solid	8021B	91427
MB 880-91427/5-A	Method Blank	Total/NA	Solid	8021B	91427
LCS 880-91427/1-A	Lab Control Sample	Total/NA	Solid	8021B	91427
LCSD 880-91427/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	91427
890-7143-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	91427
890-7143-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	91427

Analysis Batch: 91435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48805-1	CS-1 (4.0')	Total/NA	Solid	8021B	91429
880-48805-2	CS-2 (4.0')	Total/NA	Solid	8021B	91429
880-48805-3	CS-3 (4.0')	Total/NA	Solid	8021B	91429
880-48805-4	CS-4 (4.0')	Total/NA	Solid	8021B	91429
880-48805-5	CS-5 (4.0')	Total/NA	Solid	8021B	91429
880-48805-6	CS-6 (4.0')	Total/NA	Solid	8021B	91429
MB 880-91429/5-A	Method Blank	Total/NA	Solid	8021B	91429
LCS 880-91429/1-A	Lab Control Sample	Total/NA	Solid	8021B	91429
LCSD 880-91429/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	91429
890-7143-A-11-D MS	Matrix Spike	Total/NA	Solid	8021B	91429
890-7143-A-11-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	91429

Analysis Batch: 91567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48805-1	CS-1 (4.0')	Total/NA	Solid	Total BTEX	
880-48805-2	CS-2 (4.0')	Total/NA	Solid	Total BTEX	
880-48805-3	CS-3 (4.0')	Total/NA	Solid	Total BTEX	
880-48805-4	CS-4 (4.0')	Total/NA	Solid	Total BTEX	
880-48805-5	CS-5 (4.0')	Total/NA	Solid	Total BTEX	
880-48805-6	CS-6 (4.0')	Total/NA	Solid	Total BTEX	
880-48805-7	CS-7 (4.0')	Total/NA	Solid	Total BTEX	
880-48805-8	CS-8 (4.0')	Total/NA	Solid	Total BTEX	
880-48805-9	CS-9 (4.0')	Total/NA	Solid	Total BTEX	
880-48805-10	CS-10 (4.0')	Total/NA	Solid	Total BTEX	
880-48805-11	CS-11 (4.0')	Total/NA	Solid	Total BTEX	
880-48805-12	CS-12 (4.0')	Total/NA	Solid	Total BTEX	
880-48805-13	SW-1 (4.0')	Total/NA	Solid	Total BTEX	
880-48805-14	SW-2 (4.0')	Total/NA	Solid	Total BTEX	
880-48805-15	SW-3 (4.0')	Total/NA	Solid	Total BTEX	
880-48805-16	SW-4 (4.0')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 91441

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48805-1	CS-1 (4.0')	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Prep Batch: 91441 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48805-2	CS-2 (4.0')	Total/NA	Solid	8015NM Prep	
880-48805-3	CS-3 (4.0')	Total/NA	Solid	8015NM Prep	
880-48805-4	CS-4 (4.0')	Total/NA	Solid	8015NM Prep	
880-48805-5	CS-5 (4.0')	Total/NA	Solid	8015NM Prep	
MB 880-91441/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-91441/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-91441/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7144-A-7-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7144-A-7-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 91446

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48805-6	CS-6 (4.0')	Total/NA	Solid	8015NM Prep	
880-48805-7	CS-7 (4.0')	Total/NA	Solid	8015NM Prep	
880-48805-8	CS-8 (4.0')	Total/NA	Solid	8015NM Prep	
880-48805-9	CS-9 (4.0')	Total/NA	Solid	8015NM Prep	
880-48805-10	CS-10 (4.0')	Total/NA	Solid	8015NM Prep	
880-48805-11	CS-11 (4.0')	Total/NA	Solid	8015NM Prep	
880-48805-12	CS-12 (4.0')	Total/NA	Solid	8015NM Prep	
880-48805-13	SW-1 (4.0')	Total/NA	Solid	8015NM Prep	
880-48805-14	SW-2 (4.0')	Total/NA	Solid	8015NM Prep	
880-48805-15	SW-3 (4.0')	Total/NA	Solid	8015NM Prep	
880-48805-16	SW-4 (4.0')	Total/NA	Solid	8015NM Prep	
MB 880-91446/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-91446/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-91446/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-48805-6 MS	CS-6 (4.0')	Total/NA	Solid	8015NM Prep	
880-48805-6 MSD	CS-6 (4.0')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 91462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48805-1	CS-1 (4.0')	Total/NA	Solid	8015B NM	91441
880-48805-2	CS-2 (4.0')	Total/NA	Solid	8015B NM	91441
880-48805-3	CS-3 (4.0')	Total/NA	Solid	8015B NM	91441
880-48805-4	CS-4 (4.0')	Total/NA	Solid	8015B NM	91441
880-48805-5	CS-5 (4.0')	Total/NA	Solid	8015B NM	91441
MB 880-91441/1-A	Method Blank	Total/NA	Solid	8015B NM	91441
LCS 880-91441/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	91441
LCSD 880-91441/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	91441
890-7144-A-7-F MS	Matrix Spike	Total/NA	Solid	8015B NM	91441
890-7144-A-7-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	91441

Analysis Batch: 91463

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48805-6	CS-6 (4.0')	Total/NA	Solid	8015B NM	91446
880-48805-7	CS-7 (4.0')	Total/NA	Solid	8015B NM	91446
880-48805-8	CS-8 (4.0')	Total/NA	Solid	8015B NM	91446
880-48805-9	CS-9 (4.0')	Total/NA	Solid	8015B NM	91446
880-48805-10	CS-10 (4.0')	Total/NA	Solid	8015B NM	91446
880-48805-11	CS-11 (4.0')	Total/NA	Solid	8015B NM	91446
880-48805-12	CS-12 (4.0')	Total/NA	Solid	8015B NM	91446

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QC Association Summary

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 91463 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48805-13	SW-1 (4.0')	Total/NA	Solid	8015B NM	91446
880-48805-14	SW-2 (4.0')	Total/NA	Solid	8015B NM	91446
880-48805-15	SW-3 (4.0')	Total/NA	Solid	8015B NM	91446
880-48805-16	SW-4 (4.0')	Total/NA	Solid	8015B NM	91446
MB 880-91446/1-A	Method Blank	Total/NA	Solid	8015B NM	91446
LCS 880-91446/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	91446
LCSD 880-91446/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	91446
880-48805-6 MS	CS-6 (4.0')	Total/NA	Solid	8015B NM	91446
880-48805-6 MSD	CS-6 (4.0')	Total/NA	Solid	8015B NM	91446

Analysis Batch: 91620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48805-1	CS-1 (4.0')	Total/NA	Solid	8015 NM	
880-48805-2	CS-2 (4.0')	Total/NA	Solid	8015 NM	
880-48805-3	CS-3 (4.0')	Total/NA	Solid	8015 NM	
880-48805-4	CS-4 (4.0')	Total/NA	Solid	8015 NM	
880-48805-5	CS-5 (4.0')	Total/NA	Solid	8015 NM	
880-48805-6	CS-6 (4.0')	Total/NA	Solid	8015 NM	
880-48805-7	CS-7 (4.0')	Total/NA	Solid	8015 NM	
880-48805-8	CS-8 (4.0')	Total/NA	Solid	8015 NM	
880-48805-9	CS-9 (4.0')	Total/NA	Solid	8015 NM	
880-48805-10	CS-10 (4.0')	Total/NA	Solid	8015 NM	
880-48805-11	CS-11 (4.0')	Total/NA	Solid	8015 NM	
880-48805-12	CS-12 (4.0')	Total/NA	Solid	8015 NM	
880-48805-13	SW-1 (4.0')	Total/NA	Solid	8015 NM	
880-48805-14	SW-2 (4.0')	Total/NA	Solid	8015 NM	
880-48805-15	SW-3 (4.0')	Total/NA	Solid	8015 NM	
880-48805-16	SW-4 (4.0')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 91449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48805-1	CS-1 (4.0')	Soluble	Solid	DI Leach	
880-48805-2	CS-2 (4.0')	Soluble	Solid	DI Leach	
880-48805-3	CS-3 (4.0')	Soluble	Solid	DI Leach	
880-48805-4	CS-4 (4.0')	Soluble	Solid	DI Leach	
880-48805-5	CS-5 (4.0')	Soluble	Solid	DI Leach	
880-48805-6	CS-6 (4.0')	Soluble	Solid	DI Leach	
880-48805-7	CS-7 (4.0')	Soluble	Solid	DI Leach	
880-48805-8	CS-8 (4.0')	Soluble	Solid	DI Leach	
880-48805-9	CS-9 (4.0')	Soluble	Solid	DI Leach	
880-48805-10	CS-10 (4.0')	Soluble	Solid	DI Leach	
880-48805-11	CS-11 (4.0')	Soluble	Solid	DI Leach	
880-48805-12	CS-12 (4.0')	Soluble	Solid	DI Leach	
880-48805-13	SW-1 (4.0')	Soluble	Solid	DI Leach	
880-48805-14	SW-2 (4.0')	Soluble	Solid	DI Leach	
880-48805-15	SW-3 (4.0')	Soluble	Solid	DI Leach	
MB 880-91449/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-91449/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-91449/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Leach Batch: 91449 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48805-6 MS	CS-6 (4.0')	Soluble	Solid	DI Leach	
880-48805-6 MSD	CS-6 (4.0')	Soluble	Solid	DI Leach	

Analysis Batch: 91460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48805-1	CS-1 (4.0')	Soluble	Solid	300.0	91449
880-48805-2	CS-2 (4.0')	Soluble	Solid	300.0	91449
880-48805-3	CS-3 (4.0')	Soluble	Solid	300.0	91449
880-48805-4	CS-4 (4.0')	Soluble	Solid	300.0	91449
880-48805-5	CS-5 (4.0')	Soluble	Solid	300.0	91449
880-48805-6	CS-6 (4.0')	Soluble	Solid	300.0	91449
880-48805-7	CS-7 (4.0')	Soluble	Solid	300.0	91449
880-48805-8	CS-8 (4.0')	Soluble	Solid	300.0	91449
880-48805-9	CS-9 (4.0')	Soluble	Solid	300.0	91449
880-48805-10	CS-10 (4.0')	Soluble	Solid	300.0	91449
880-48805-11	CS-11 (4.0')	Soluble	Solid	300.0	91449
880-48805-12	CS-12 (4.0')	Soluble	Solid	300.0	91449
880-48805-13	SW-1 (4.0')	Soluble	Solid	300.0	91449
880-48805-14	SW-2 (4.0')	Soluble	Solid	300.0	91449
880-48805-15	SW-3 (4.0')	Soluble	Solid	300.0	91449
MB 880-91449/1-A	Method Blank	Soluble	Solid	300.0	91449
LCS 880-91449/2-A	Lab Control Sample	Soluble	Solid	300.0	91449
LCSD 880-91449/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	91449
880-48805-6 MS	CS-6 (4.0')	Soluble	Solid	300.0	91449
880-48805-6 MSD	CS-6 (4.0')	Soluble	Solid	300.0	91449

Leach Batch: 91471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48805-16	SW-4 (4.0')	Soluble	Solid	DI Leach	
MB 880-91471/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-91471/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-91471/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-48805-16 MS	SW-4 (4.0')	Soluble	Solid	DI Leach	
880-48805-16 MSD	SW-4 (4.0')	Soluble	Solid	DI Leach	

Analysis Batch: 91512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48805-16	SW-4 (4.0')	Soluble	Solid	300.0	91471
MB 880-91471/1-A	Method Blank	Soluble	Solid	300.0	91471
LCS 880-91471/2-A	Lab Control Sample	Soluble	Solid	300.0	91471
LCSD 880-91471/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	91471
880-48805-16 MS	SW-4 (4.0')	Soluble	Solid	300.0	91471
880-48805-16 MSD	SW-4 (4.0')	Soluble	Solid	300.0	91471

Lab Chronicle

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

Client Sample ID: CS-1 (4.0')
Date Collected: 09/20/24 00:00
Date Received: 09/23/24 08:38

Lab Sample ID: 880-48805-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	91429	09/23/24 09:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91435	09/23/24 17:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91567	09/23/24 17:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			91620	09/24/24 02:56	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	91441	09/23/24 09:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91462	09/24/24 02:56	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	91449	09/23/24 09:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91460	09/23/24 13:21	CH	EET MID

Client Sample ID: CS-2 (4.0')
Date Collected: 09/20/24 00:00
Date Received: 09/23/24 08:38

Lab Sample ID: 880-48805-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	91429	09/23/24 09:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91435	09/23/24 17:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91567	09/23/24 17:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			91620	09/24/24 03:12	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	91441	09/23/24 09:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91462	09/24/24 03:12	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	91449	09/23/24 09:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91460	09/23/24 14:20	CH	EET MID

Client Sample ID: CS-3 (4.0')
Date Collected: 09/20/24 00:00
Date Received: 09/23/24 08:38

Lab Sample ID: 880-48805-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	91429	09/23/24 09:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91435	09/23/24 18:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91567	09/23/24 18:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			91620	09/24/24 03:29	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	91441	09/23/24 09:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91462	09/24/24 03:29	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	91449	09/23/24 09:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91460	09/23/24 14:26	CH	EET MID

Client Sample ID: CS-4 (4.0')
Date Collected: 09/20/24 00:00
Date Received: 09/23/24 08:38

Lab Sample ID: 880-48805-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	91429	09/23/24 09:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91435	09/23/24 18:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91567	09/23/24 18:24	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

Client Sample ID: CS-4 (4.0')
Date Collected: 09/20/24 00:00
Date Received: 09/23/24 08:38

Lab Sample ID: 880-48805-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			91620	09/24/24 03:44	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	91441	09/23/24 09:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91462	09/24/24 03:44	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	91449	09/23/24 09:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91460	09/23/24 14:31	CH	EET MID

Client Sample ID: CS-5 (4.0')
Date Collected: 09/20/24 00:00
Date Received: 09/23/24 08:38

Lab Sample ID: 880-48805-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	91429	09/23/24 09:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91435	09/23/24 18:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91567	09/23/24 18:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			91620	09/24/24 04:01	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	91441	09/23/24 09:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91462	09/24/24 04:01	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	91449	09/23/24 09:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91460	09/23/24 14:37	CH	EET MID

Client Sample ID: CS-6 (4.0')
Date Collected: 09/20/24 00:00
Date Received: 09/23/24 08:38

Lab Sample ID: 880-48805-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	91429	09/23/24 09:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91435	09/23/24 19:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91567	09/23/24 19:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			91620	09/23/24 22:04	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	91446	09/23/24 09:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91463	09/23/24 22:04	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	91449	09/23/24 09:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91460	09/23/24 14:42	CH	EET MID

Client Sample ID: CS-7 (4.0')
Date Collected: 09/20/24 00:00
Date Received: 09/23/24 08:38

Lab Sample ID: 880-48805-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	91427	09/23/24 09:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91432	09/23/24 16:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91567	09/23/24 16:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			91620	09/23/24 22:54	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	91446	09/23/24 09:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91463	09/23/24 22:54	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

Client Sample ID: CS-7 (4.0')
Date Collected: 09/20/24 00:00
Date Received: 09/23/24 08:38

Lab Sample ID: 880-48805-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	91449	09/23/24 09:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91460	09/23/24 14:58	CH	EET MID

Client Sample ID: CS-8 (4.0')
Date Collected: 09/20/24 00:00
Date Received: 09/23/24 08:38

Lab Sample ID: 880-48805-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	91427	09/23/24 09:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91432	09/23/24 16:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91567	09/23/24 16:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			91620	09/23/24 23:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	91446	09/23/24 09:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91463	09/23/24 23:09	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	91449	09/23/24 09:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91460	09/23/24 15:04	CH	EET MID

Client Sample ID: CS-9 (4.0')
Date Collected: 09/20/24 00:00
Date Received: 09/23/24 08:38

Lab Sample ID: 880-48805-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	91427	09/23/24 09:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91432	09/23/24 17:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91567	09/23/24 17:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			91620	09/23/24 23:26	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	91446	09/23/24 09:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91463	09/23/24 23:26	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	91449	09/23/24 09:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91460	09/23/24 15:20	CH	EET MID

Client Sample ID: CS-10 (4.0')
Date Collected: 09/20/24 00:00
Date Received: 09/23/24 08:38

Lab Sample ID: 880-48805-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	91427	09/23/24 09:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91432	09/23/24 17:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91567	09/23/24 17:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			91620	09/23/24 23:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	91446	09/23/24 09:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91463	09/23/24 23:41	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	91449	09/23/24 09:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91460	09/23/24 15:25	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

Client Sample ID: CS-11 (4.0')
Date Collected: 09/20/24 00:00
Date Received: 09/23/24 08:38

Lab Sample ID: 880-48805-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	91427	09/23/24 09:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91432	09/23/24 17:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91567	09/23/24 17:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			91620	09/23/24 23:59	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	91446	09/23/24 09:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91463	09/23/24 23:59	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	91449	09/23/24 09:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91460	09/23/24 15:31	CH	EET MID

Client Sample ID: CS-12 (4.0')
Date Collected: 09/20/24 00:00
Date Received: 09/23/24 08:38

Lab Sample ID: 880-48805-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	91427	09/23/24 09:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91432	09/23/24 18:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91567	09/23/24 18:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			91620	09/24/24 00:15	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	91446	09/23/24 09:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91463	09/24/24 00:15	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	91449	09/23/24 09:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91460	09/23/24 15:36	CH	EET MID

Client Sample ID: SW-1 (4.0')
Date Collected: 09/20/24 00:00
Date Received: 09/23/24 08:38

Lab Sample ID: 880-48805-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	91427	09/23/24 09:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91432	09/23/24 18:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91567	09/23/24 18:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			91620	09/24/24 00:31	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	91446	09/23/24 09:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91463	09/24/24 00:31	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	91449	09/23/24 09:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91460	09/23/24 15:41	CH	EET MID

Client Sample ID: SW-2 (4.0')
Date Collected: 09/20/24 00:00
Date Received: 09/23/24 08:38

Lab Sample ID: 880-48805-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	91369	09/23/24 09:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91431	09/23/24 16:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91567	09/23/24 16:12	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

Client Sample ID: SW-2 (4.0')

Lab Sample ID: 880-48805-14

Date Collected: 09/20/24 00:00

Matrix: Solid

Date Received: 09/23/24 08:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			91620	09/24/24 00:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	91446	09/23/24 09:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91463	09/24/24 00:47	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	91449	09/23/24 09:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91460	09/23/24 15:47	CH	EET MID

Client Sample ID: SW-3 (4.0')

Lab Sample ID: 880-48805-15

Date Collected: 09/20/24 00:00

Matrix: Solid

Date Received: 09/23/24 08:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	91369	09/23/24 09:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91431	09/23/24 16:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91567	09/23/24 16:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			91620	09/24/24 01:03	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	91446	09/23/24 09:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91463	09/24/24 01:03	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	91449	09/23/24 09:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91460	09/23/24 15:52	CH	EET MID

Client Sample ID: SW-4 (4.0')

Lab Sample ID: 880-48805-16

Date Collected: 09/20/24 00:00

Matrix: Solid

Date Received: 09/23/24 08:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	91369	09/23/24 09:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91431	09/23/24 16:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91567	09/23/24 16:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			91620	09/24/24 01:36	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	91446	09/23/24 09:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91463	09/24/24 01:36	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	91471	09/23/24 11:22	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91512	09/23/24 19:45	CH	EET MID

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 880-48805-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-48805-1	CS-1 (4.0')	Solid	09/20/24 00:00	09/23/24 08:38
880-48805-2	CS-2 (4.0')	Solid	09/20/24 00:00	09/23/24 08:38
880-48805-3	CS-3 (4.0')	Solid	09/20/24 00:00	09/23/24 08:38
880-48805-4	CS-4 (4.0')	Solid	09/20/24 00:00	09/23/24 08:38
880-48805-5	CS-5 (4.0')	Solid	09/20/24 00:00	09/23/24 08:38
880-48805-6	CS-6 (4.0')	Solid	09/20/24 00:00	09/23/24 08:38
880-48805-7	CS-7 (4.0')	Solid	09/20/24 00:00	09/23/24 08:38
880-48805-8	CS-8 (4.0')	Solid	09/20/24 00:00	09/23/24 08:38
880-48805-9	CS-9 (4.0')	Solid	09/20/24 00:00	09/23/24 08:38
880-48805-10	CS-10 (4.0')	Solid	09/20/24 00:00	09/23/24 08:38
880-48805-11	CS-11 (4.0')	Solid	09/20/24 00:00	09/23/24 08:38
880-48805-12	CS-12 (4.0')	Solid	09/20/24 00:00	09/23/24 08:38
880-48805-13	SW-1 (4.0')	Solid	09/20/24 00:00	09/23/24 08:38
880-48805-14	SW-2 (4.0')	Solid	09/20/24 00:00	09/23/24 08:38
880-48805-15	SW-3 (4.0')	Solid	09/20/24 00:00	09/23/24 08:38
880-48805-16	SW-4 (4.0')	Solid	09/20/24 00:00	09/23/24 08:38

Chain of Custody



880-48805 Chain of Custody

Page 1 of 2

Project Manager: Ashton Thielke		Bill to: (if different)		Carmona Resources	
Company Name: Carmona Resources		Company Name:			
Address: 310 West Wall Ste. 500		Address:			
City, State ZIP: Midland, TX 79701		City, State ZIP:			
Phone: 432-813-8988		Email: ThielkeA@Carmonaresources.com			

Project Name: Onsurez 1B Battery (07.08.2024)		Turn Around		Pres. Code	
Project Number: 2483		☐ Routine ☒ Rush			
Project Location: Eddy Co, NM		Due Date: 24 Hour			
Sampler's Name: GPJ		TAT starts the day received by the lab, if received by 4:30pm			
PO #:					

SAMPLE RECEIPT		Temp Blank:		Yes/No		Wet Ice:		Yes/No	
Received Intact:		Yes		No		Thermometer ID:		2483	
Cooler Custody Seals:		Yes		No		Correction Factor:		-1	
Sample Custody Seals:		Yes		No		Temperature Reading:		23	
Total Containers:						Corrected Temperature:		23	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Pres. Code	ANALYSIS REQUEST										Preservative Codes	
CS-1 (4.0')	9/20/2024		X		Comp	1													None: NO	DI Water: H ₂ O
CS-2 (4.0')	9/20/2024		X		Comp	1													Cool: Cool	MeOH: Me
CS-3 (4.0')	9/20/2024		X		Comp	1													HCL: HC	HNO ₃ : HN
CS-4 (4.0')	9/20/2024		X		Comp	1													H ₂ SO ₄ : H ₂	NaOH: Na
CS-5 (4.0')	9/20/2024		X		Comp	1													H ₃ PO ₄ : HP	
CS-6 (4.0')	9/20/2024		X		Comp	1													NaHSO ₄ : NABIS	
CS-7 (4.0')	9/20/2024		X		Comp	1													Na ₂ S ₂ O ₃ : NaSO ₃	
CS-8 (4.0')	9/20/2024		X		Comp	1													Zn Acetate+NaOH: Zn	
CS-9 (4.0')	9/20/2024		X		Comp	1													NaOH+Ascorbic Acid: SAPC	
CS-10 (4.0')	9/20/2024		X		Comp	1														

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time

1	2	3	4	5	6	7	8	9	10	11	12	13	14
---	---	---	---	---	---	---	---	---	----	----	----	----	----

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-48805-1

SDG Number: Eddy Co, NM

Login Number: 48805

List Source: Eurofins Midland

List Number: 1

Creator: Vasquez, Julisa

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
- 7
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- 9
- 10
- 11
- 12
- 13
- 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Ashton Thielke
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 9/30/2024 10:54:49 AM

JOB DESCRIPTION

Onsurez 1B Battery (07.08.2024)
Eddy CO NM

JOB NUMBER

890-7169-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
9/30/2024 10:54:49 AM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Laboratory Job ID: 890-7169-1
SDG: Eddy CO NM

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	12
QC Sample Results	13
QC Association Summary	17
Lab Chronicle	20
Certification Summary	23
Method Summary	24
Sample Summary	25
Chain of Custody	26
Receipt Checklists	27

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Definitions/Glossary

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 890-7169-1
SDG: Eddy CO NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources
Project: Onsurez 1B Battery (07.08.2024)

Job ID: 890-7169-1

Job ID: 890-7169-1

Eurofins Carlsbad

Job Narrative 890-7169-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 9/26/2024 4:07 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The container label for the following samples did not match the information listed on the Chain-of-Custody (COC): CS-13 (4.0') (890-7169-1), CS-14 (4.0') (890-7169-2), CS-15 (4.0') (890-7169-3), CS-16 (4.0') (890-7169-4), CS-17 (4.0') (890-7169-5), SW-5 (4.0') (890-7169-6), SW-6 (4.0') (890-7169-7) and SW-7 (4.0') (890-7169-8). The container labels list <SAMPLE_ID>, while the COC lists <SAMPLEID>. The client was contacted, and the lab was instructed to <EXPLANATION_REQUIRED>.

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-13 (4.0') (890-7169-1), CS-14 (4.0') (890-7169-2), CS-15 (4.0') (890-7169-3), CS-16 (4.0') (890-7169-4), CS-17 (4.0') (890-7169-5), SW-5 (4.0') (890-7169-6), SW-6 (4.0') (890-7169-7) and SW-7 (4.0') (890-7169-8).

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: SW-6 (4.0') (890-7169-7). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-91911 and analytical batch 880-91882 was outside the upper control limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-91868 and analytical batch 880-91875 was outside the upper control limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 890-7169-1
SDG: Eddy CO NM

Client Sample ID: CS-13 (4.0')

Lab Sample ID: 890-7169-1

Date Collected: 09/25/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:07

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:47	09/27/24 17:04	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:47	09/27/24 17:04	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:47	09/27/24 17:04	1
m-Xylene & p-Xylene	0.00443		0.00402		mg/Kg		09/27/24 09:47	09/27/24 17:04	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:47	09/27/24 17:04	1
Xylenes, Total	0.00443		0.00402		mg/Kg		09/27/24 09:47	09/27/24 17:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	09/27/24 09:47	09/27/24 17:04	1
1,4-Difluorobenzene (Surr)	99		70 - 130	09/27/24 09:47	09/27/24 17:04	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00443		0.00402		mg/Kg			09/27/24 17:04	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/27/24 21:17	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/26/24 21:23	09/27/24 21:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/24 21:23	09/27/24 21:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/24 21:23	09/27/24 21:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	09/26/24 21:23	09/27/24 21:17	1
o-Terphenyl	112		70 - 130	09/26/24 21:23	09/27/24 21:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	295		4.96		mg/Kg			09/27/24 11:24	1

Client Sample ID: CS-14 (4.0')

Lab Sample ID: 890-7169-2

Date Collected: 09/25/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:07

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:47	09/27/24 17:25	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:47	09/27/24 17:25	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:47	09/27/24 17:25	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/27/24 09:47	09/27/24 17:25	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:47	09/27/24 17:25	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/27/24 09:47	09/27/24 17:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130	09/27/24 09:47	09/27/24 17:25	1
1,4-Difluorobenzene (Surr)	111		70 - 130	09/27/24 09:47	09/27/24 17:25	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 890-7169-1
SDG: Eddy CO NM

Client Sample ID: CS-14 (4.0')
Date Collected: 09/25/24 00:00
Date Received: 09/26/24 16:07

Lab Sample ID: 890-7169-2
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/27/24 17:25	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.7	U	49.7		mg/Kg			09/27/24 22:18	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/26/24 21:23	09/27/24 22:18	1	
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/26/24 21:23	09/27/24 22:18	1	
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/26/24 21:23	09/27/24 22:18	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	113		70 - 130				09/26/24 21:23	09/27/24 22:18	1	
o-Terphenyl	120		70 - 130				09/26/24 21:23	09/27/24 22:18	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	58.6		4.97		mg/Kg			09/27/24 11:44	1	

Client Sample ID: CS-15 (4.0')
Date Collected: 09/25/24 00:00
Date Received: 09/26/24 16:07

Lab Sample ID: 890-7169-3
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00202	U	0.00202		mg/Kg		09/27/24 09:47	09/27/24 17:45	1	
Toluene	<0.00202	U	0.00202		mg/Kg		09/27/24 09:47	09/27/24 17:45	1	
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/27/24 09:47	09/27/24 17:45	1	
m-Xylene & p-Xylene	0.00409		0.00404		mg/Kg		09/27/24 09:47	09/27/24 17:45	1	
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/27/24 09:47	09/27/24 17:45	1	
Xylenes, Total	0.00409		0.00404		mg/Kg		09/27/24 09:47	09/27/24 17:45	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	124		70 - 130				09/27/24 09:47	09/27/24 17:45	1	
1,4-Difluorobenzene (Surr)	106		70 - 130				09/27/24 09:47	09/27/24 17:45	1	

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	0.00409		0.00404		mg/Kg			09/27/24 17:45	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.8	U	49.8		mg/Kg			09/27/24 22:39	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/26/24 21:23	09/27/24 22:39	1	
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/26/24 21:23	09/27/24 22:39	1	

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 890-7169-1
SDG: Eddy CO NM

Client Sample ID: CS-15 (4.0')

Lab Sample ID: 890-7169-3

Date Collected: 09/25/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:07

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/26/24 21:23	09/27/24 22:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				09/26/24 21:23	09/27/24 22:39	1
o-Terphenyl	99		70 - 130				09/26/24 21:23	09/27/24 22:39	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.0		4.98		mg/Kg			09/27/24 11:51	1

Client Sample ID: CS-16 (4.0')

Lab Sample ID: 890-7169-4

Date Collected: 09/25/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:07

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/27/24 09:47	09/27/24 18:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/27/24 09:47	09/27/24 18:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/27/24 09:47	09/27/24 18:05	1
m-Xylene & p-Xylene	0.00563		0.00398		mg/Kg		09/27/24 09:47	09/27/24 18:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/27/24 09:47	09/27/24 18:05	1
Xylenes, Total	0.00563		0.00398		mg/Kg		09/27/24 09:47	09/27/24 18:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				09/27/24 09:47	09/27/24 18:05	1
1,4-Difluorobenzene (Surr)	105		70 - 130				09/27/24 09:47	09/27/24 18:05	1
Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00563		0.00398		mg/Kg			09/27/24 18:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/27/24 23:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/26/24 21:23	09/27/24 23:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/24 21:23	09/27/24 23:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/24 21:23	09/27/24 23:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				09/26/24 21:23	09/27/24 23:00	1
o-Terphenyl	112		70 - 130				09/26/24 21:23	09/27/24 23:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	71.3		5.01		mg/Kg			09/27/24 11:57	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 890-7169-1
SDG: Eddy CO NM

Client Sample ID: CS-17 (4.0')

Lab Sample ID: 890-7169-5

Date Collected: 09/25/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:07

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:47	09/27/24 18:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:47	09/27/24 18:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:47	09/27/24 18:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/27/24 09:47	09/27/24 18:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:47	09/27/24 18:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/27/24 09:47	09/27/24 18:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	09/27/24 09:47	09/27/24 18:26	1
1,4-Difluorobenzene (Surr)	102		70 - 130	09/27/24 09:47	09/27/24 18:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			09/27/24 18:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/27/24 23:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/26/24 21:23	09/27/24 23:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/26/24 21:23	09/27/24 23:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/26/24 21:23	09/27/24 23:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	09/26/24 21:23	09/27/24 23:20	1
o-Terphenyl	117		70 - 130	09/26/24 21:23	09/27/24 23:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	143		5.02		mg/Kg			09/27/24 12:04	1

Client Sample ID: SW-5 (4.0')

Lab Sample ID: 890-7169-6

Date Collected: 09/25/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:07

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:47	09/27/24 18:46	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:47	09/27/24 18:46	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:47	09/27/24 18:46	1
m-Xylene & p-Xylene	0.00410		0.00402		mg/Kg		09/27/24 09:47	09/27/24 18:46	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:47	09/27/24 18:46	1
Xylenes, Total	0.00410		0.00402		mg/Kg		09/27/24 09:47	09/27/24 18:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	09/27/24 09:47	09/27/24 18:46	1
1,4-Difluorobenzene (Surr)	105		70 - 130	09/27/24 09:47	09/27/24 18:46	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 890-7169-1
SDG: Eddy CO NM

Client Sample ID: SW-5 (4.0')
Date Collected: 09/25/24 00:00
Date Received: 09/26/24 16:07

Lab Sample ID: 890-7169-6
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	0.00410		0.00402		mg/Kg			09/27/24 18:46	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.9	U	49.9		mg/Kg			09/27/24 23:40	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/26/24 21:23	09/27/24 23:40	1	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/26/24 21:23	09/27/24 23:40	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/26/24 21:23	09/27/24 23:40	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	98		70 - 130				09/26/24 21:23	09/27/24 23:40	1	
o-Terphenyl	108		70 - 130				09/26/24 21:23	09/27/24 23:40	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	146		5.01		mg/Kg			09/27/24 12:11	1	

Client Sample ID: SW-6 (4.0')
Date Collected: 09/25/24 00:00
Date Received: 09/26/24 16:07

Lab Sample ID: 890-7169-7
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/27/24 09:47	09/27/24 19:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/27/24 09:47	09/27/24 19:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/27/24 09:47	09/27/24 19:07	1
m-Xylene & p-Xylene	0.00482		0.00398		mg/Kg		09/27/24 09:47	09/27/24 19:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/27/24 09:47	09/27/24 19:07	1
Xylenes, Total	0.00482		0.00398		mg/Kg		09/27/24 09:47	09/27/24 19:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130				09/27/24 09:47	09/27/24 19:07	1
1,4-Difluorobenzene (Surr)	112		70 - 130				09/27/24 09:47	09/27/24 19:07	1
Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00482		0.00398		mg/Kg			09/27/24 19:07	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/28/24 00:01	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/26/24 21:23	09/28/24 00:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/24 21:23	09/28/24 00:01	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 890-7169-1
SDG: Eddy CO NM

Client Sample ID: SW-6 (4.0')
Date Collected: 09/25/24 00:00
Date Received: 09/26/24 16:07

Lab Sample ID: 890-7169-7
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/24 21:23	09/28/24 00:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				09/26/24 21:23	09/28/24 00:01	1
o-Terphenyl	102		70 - 130				09/26/24 21:23	09/28/24 00:01	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	158		4.98		mg/Kg			09/27/24 12:17	1

Client Sample ID: SW-7 (4.0')
Date Collected: 09/25/24 00:00
Date Received: 09/26/24 16:07

Lab Sample ID: 890-7169-8
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:47	09/27/24 19:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:47	09/27/24 19:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:47	09/27/24 19:27	1
m-Xylene & p-Xylene	0.00709		0.00399		mg/Kg		09/27/24 09:47	09/27/24 19:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:47	09/27/24 19:27	1
Xylenes, Total	0.00709		0.00399		mg/Kg		09/27/24 09:47	09/27/24 19:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				09/27/24 09:47	09/27/24 19:27	1
1,4-Difluorobenzene (Surr)	98		70 - 130				09/27/24 09:47	09/27/24 19:27	1
Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00709		0.00399		mg/Kg			09/27/24 19:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/28/24 00:21	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/26/24 21:23	09/28/24 00:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/26/24 21:23	09/28/24 00:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/26/24 21:23	09/28/24 00:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				09/26/24 21:23	09/28/24 00:21	1
o-Terphenyl	109		70 - 130				09/26/24 21:23	09/28/24 00:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	207		5.04		mg/Kg			09/27/24 12:24	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 890-7169-1
SDG: Eddy CO NM

Method: 8021B - Volatile Organic Compounds (GC)
Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	BFB1	DFBZ1				
		(70-130)	(70-130)				
890-7167-A-21-E MS	Matrix Spike	115	93				
890-7167-A-21-F MSD	Matrix Spike Duplicate	117	93				
890-7169-1	CS-13 (4.0')	107	99				
890-7169-2	CS-14 (4.0')	132 S1+	111				
890-7169-3	CS-15 (4.0')	124	106				
890-7169-4	CS-16 (4.0')	123	105				
890-7169-5	CS-17 (4.0')	121	102				
890-7169-6	SW-5 (4.0')	124	105				
890-7169-7	SW-6 (4.0')	138 S1+	112				
890-7169-8	SW-7 (4.0')	119	98				
LCS 880-91911/1-A	Lab Control Sample	106	98				
LCSD 880-91911/2-A	Lab Control Sample Dup	119	96				
MB 880-91911/5-A	Method Blank	145 S1+	91				
Surrogate Legend							
BFB = 4-Bromofluorobenzene (Surr)							
DFBZ = 1,4-Difluorobenzene (Surr)							

Method: 8015B NM - Diesel Range Organics (DRO) (GC)
Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	1CO1	OTPH1				
		(70-130)	(70-130)				
890-7169-1	CS-13 (4.0')	106	112				
890-7169-1 MS	CS-13 (4.0')	113	107				
890-7169-1 MSD	CS-13 (4.0')	105	101				
890-7169-2	CS-14 (4.0')	113	120				
890-7169-3	CS-15 (4.0')	96	99				
890-7169-4	CS-16 (4.0')	106	112				
890-7169-5	CS-17 (4.0')	104	117				
890-7169-6	SW-5 (4.0')	98	108				
890-7169-7	SW-6 (4.0')	97	102				
890-7169-8	SW-7 (4.0')	103	109				
LCS 880-91868/2-A	Lab Control Sample	91	89				
LCSD 880-91868/3-A	Lab Control Sample Dup	85	85				
MB 880-91868/1-A	Method Blank	130	148 S1+				
Surrogate Legend							
1CO = 1-Chlorooctane							
OTPH = o-Terphenyl							

QC Sample Results

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 890-7169-1
SDG: Eddy CO NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-91911/5-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 91882							Prep Batch: 91911		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:47	09/27/24 11:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:47	09/27/24 11:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:47	09/27/24 11:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/27/24 09:47	09/27/24 11:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:47	09/27/24 11:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/27/24 09:47	09/27/24 11:41	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130				09/27/24 09:47	09/27/24 11:41	1
1,4-Difluorobenzene (Surr)	91		70 - 130				09/27/24 09:47	09/27/24 11:41	1

Lab Sample ID: LCS 880-91911/1-A							Client Sample ID: Lab Control Sample		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 91882							Prep Batch: 91911		
Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene		0.100	0.09628		mg/Kg		96	70 - 130	
Toluene		0.100	0.09335		mg/Kg		93	70 - 130	
Ethylbenzene		0.100	0.1019		mg/Kg		102	70 - 130	
m-Xylene & p-Xylene		0.200	0.2310		mg/Kg		116	70 - 130	
o-Xylene		0.100	0.1052		mg/Kg		105	70 - 130	
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	106		70 - 130						
1,4-Difluorobenzene (Surr)	98		70 - 130						

Lab Sample ID: LCSD 880-91911/2-A							Client Sample ID: Lab Control Sample Dup			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 91882							Prep Batch: 91911			
Analyte		Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene		0.100	0.09637		mg/Kg		96	70 - 130	0	35
Toluene		0.100	0.09687		mg/Kg		97	70 - 130	4	35
Ethylbenzene		0.100	0.1191		mg/Kg		119	70 - 130	16	35
m-Xylene & p-Xylene		0.200	0.2540		mg/Kg		127	70 - 130	9	35
o-Xylene		0.100	0.1132		mg/Kg		113	70 - 130	7	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits							
4-Bromofluorobenzene (Surr)	119		70 - 130							
1,4-Difluorobenzene (Surr)	96		70 - 130							

Lab Sample ID: 890-7167-A-21-E MS							Client Sample ID: Matrix Spike		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 91882							Prep Batch: 91911		
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.07898		mg/Kg		79	70 - 130
Toluene	<0.00201	U	0.100	0.07882		mg/Kg		79	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 890-7169-1
SDG: Eddy CO NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-7167-A-21-E MS
Matrix: Solid
Analysis Batch: 91882

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 91911

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.100	0.09058		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2048		mg/Kg		101	70 - 130
o-Xylene	<0.00201	U	0.100	0.09516		mg/Kg		93	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	115		70 - 130						
1,4-Difluorobenzene (Surr)	93		70 - 130						

Lab Sample ID: 890-7167-A-21-F MSD
Matrix: Solid
Analysis Batch: 91882

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 91911

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.09211		mg/Kg		92	70 - 130	15	35
Toluene	<0.00201	U	0.100	0.09060		mg/Kg		91	70 - 130	14	35
Ethylbenzene	<0.00201	U	0.100	0.09620		mg/Kg		96	70 - 130	6	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2132		mg/Kg		105	70 - 130	4	35
o-Xylene	<0.00201	U	0.100	0.1085		mg/Kg		107	70 - 130	13	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	117		70 - 130								
1,4-Difluorobenzene (Surr)	93		70 - 130								

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-91868/1-A
Matrix: Solid
Analysis Batch: 91875

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 91868

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/26/24 21:23	09/27/24 20:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/24 21:23	09/27/24 20:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/24 21:23	09/27/24 20:15	1
Surrogate	MB %Recovery	MB Qualifier	Limits						
1-Chlorooctane	130		70 - 130						
o-Terphenyl	148	S1+	70 - 130						

Lab Sample ID: LCS 880-91868/2-A
Matrix: Solid
Analysis Batch: 91875

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 91868

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	994.0		mg/Kg		99	70 - 130
Diesel Range Organics (Over C10-C28)	1000	906.2		mg/Kg		91	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 890-7169-1
SDG: Eddy CO NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-91868/2-A
Matrix: Solid
Analysis Batch: 91875

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 91868

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	91		70 - 130
o-Terphenyl	89		70 - 130

Lab Sample ID: LCSD 880-91868/3-A
Matrix: Solid
Analysis Batch: 91875

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 91868

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	911.4		mg/Kg		91	70 - 130	9	20
Diesel Range Organics (Over C10-C28)			1000	918.7		mg/Kg		92	70 - 130	1	20
Surrogate	LCSD	LCSD									
	%Recovery	Qualifier	Limits								
1-Chlorooctane	85		70 - 130								
o-Terphenyl	85		70 - 130								

Lab Sample ID: 890-7169-1 MS
Matrix: Solid
Analysis Batch: 91875

Client Sample ID: CS-13 (4.0')
Prep Type: Total/NA
Prep Batch: 91868

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	823.9		mg/Kg		79	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1027		mg/Kg		103	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier	Limits								
1-Chlorooctane	113		70 - 130								
o-Terphenyl	107		70 - 130								

Lab Sample ID: 890-7169-1 MSD
Matrix: Solid
Analysis Batch: 91875

Client Sample ID: CS-13 (4.0')
Prep Type: Total/NA
Prep Batch: 91868

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	761.9		mg/Kg		73	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	969.6		mg/Kg		97	70 - 130	6	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier	Limits								
1-Chlorooctane	105		70 - 130								
o-Terphenyl	101		70 - 130								

QC Sample Results

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 890-7169-1
SDG: Eddy CO NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-91879/1-A Matrix: Solid Analysis Batch: 91910										Client Sample ID: Method Blank Prep Type: Soluble	
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Chloride	<5.00	U	5.00		mg/Kg			09/27/24 09:04	1		

Lab Sample ID: LCS 880-91879/2-A Matrix: Solid Analysis Batch: 91910										Client Sample ID: Lab Control Sample Prep Type: Soluble	
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	243.6		mg/Kg		97	90 - 110		

Lab Sample ID: LCSD 880-91879/3-A Matrix: Solid Analysis Batch: 91910										Client Sample ID: Lab Control Sample Dup Prep Type: Soluble	
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	243.5		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-49050-A-5-C MS Matrix: Solid Analysis Batch: 91910										Client Sample ID: Matrix Spike Prep Type: Soluble	
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<4.97	U	249	242.0		mg/Kg		96	90 - 110		

Lab Sample ID: 880-49050-A-5-D MSD Matrix: Solid Analysis Batch: 91910										Client Sample ID: Matrix Spike Duplicate Prep Type: Soluble	
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<4.97	U	249	242.3		mg/Kg		96	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 890-7169-1
SDG: Eddy CO NM

GC VOA

Analysis Batch: 91882

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7169-1	CS-13 (4.0')	Total/NA	Solid	8021B	91911
890-7169-2	CS-14 (4.0')	Total/NA	Solid	8021B	91911
890-7169-3	CS-15 (4.0')	Total/NA	Solid	8021B	91911
890-7169-4	CS-16 (4.0')	Total/NA	Solid	8021B	91911
890-7169-5	CS-17 (4.0')	Total/NA	Solid	8021B	91911
890-7169-6	SW-5 (4.0')	Total/NA	Solid	8021B	91911
890-7169-7	SW-6 (4.0')	Total/NA	Solid	8021B	91911
890-7169-8	SW-7 (4.0')	Total/NA	Solid	8021B	91911
MB 880-91911/5-A	Method Blank	Total/NA	Solid	8021B	91911
LCS 880-91911/1-A	Lab Control Sample	Total/NA	Solid	8021B	91911
LCSD 880-91911/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	91911
890-7167-A-21-E MS	Matrix Spike	Total/NA	Solid	8021B	91911
890-7167-A-21-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	91911

Prep Batch: 91911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7169-1	CS-13 (4.0')	Total/NA	Solid	5035	
890-7169-2	CS-14 (4.0')	Total/NA	Solid	5035	
890-7169-3	CS-15 (4.0')	Total/NA	Solid	5035	
890-7169-4	CS-16 (4.0')	Total/NA	Solid	5035	
890-7169-5	CS-17 (4.0')	Total/NA	Solid	5035	
890-7169-6	SW-5 (4.0')	Total/NA	Solid	5035	
890-7169-7	SW-6 (4.0')	Total/NA	Solid	5035	
890-7169-8	SW-7 (4.0')	Total/NA	Solid	5035	
MB 880-91911/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-91911/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-91911/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7167-A-21-E MS	Matrix Spike	Total/NA	Solid	5035	
890-7167-A-21-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 92127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7169-1	CS-13 (4.0')	Total/NA	Solid	Total BTEX	
890-7169-2	CS-14 (4.0')	Total/NA	Solid	Total BTEX	
890-7169-3	CS-15 (4.0')	Total/NA	Solid	Total BTEX	
890-7169-4	CS-16 (4.0')	Total/NA	Solid	Total BTEX	
890-7169-5	CS-17 (4.0')	Total/NA	Solid	Total BTEX	
890-7169-6	SW-5 (4.0')	Total/NA	Solid	Total BTEX	
890-7169-7	SW-6 (4.0')	Total/NA	Solid	Total BTEX	
890-7169-8	SW-7 (4.0')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 91868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7169-1	CS-13 (4.0')	Total/NA	Solid	8015NM Prep	
890-7169-2	CS-14 (4.0')	Total/NA	Solid	8015NM Prep	
890-7169-3	CS-15 (4.0')	Total/NA	Solid	8015NM Prep	
890-7169-4	CS-16 (4.0')	Total/NA	Solid	8015NM Prep	
890-7169-5	CS-17 (4.0')	Total/NA	Solid	8015NM Prep	
890-7169-6	SW-5 (4.0')	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 890-7169-1
SDG: Eddy CO NM

GC Semi VOA (Continued)

Prep Batch: 91868 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7169-7	SW-6 (4.0')	Total/NA	Solid	8015NM Prep	
890-7169-8	SW-7 (4.0')	Total/NA	Solid	8015NM Prep	
MB 880-91868/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-91868/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-91868/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7169-1 MS	CS-13 (4.0')	Total/NA	Solid	8015NM Prep	
890-7169-1 MSD	CS-13 (4.0')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 91875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7169-1	CS-13 (4.0')	Total/NA	Solid	8015B NM	91868
890-7169-2	CS-14 (4.0')	Total/NA	Solid	8015B NM	91868
890-7169-3	CS-15 (4.0')	Total/NA	Solid	8015B NM	91868
890-7169-4	CS-16 (4.0')	Total/NA	Solid	8015B NM	91868
890-7169-5	CS-17 (4.0')	Total/NA	Solid	8015B NM	91868
890-7169-6	SW-5 (4.0')	Total/NA	Solid	8015B NM	91868
890-7169-7	SW-6 (4.0')	Total/NA	Solid	8015B NM	91868
890-7169-8	SW-7 (4.0')	Total/NA	Solid	8015B NM	91868
MB 880-91868/1-A	Method Blank	Total/NA	Solid	8015B NM	91868
LCS 880-91868/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	91868
LCSD 880-91868/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	91868
890-7169-1 MS	CS-13 (4.0')	Total/NA	Solid	8015B NM	91868
890-7169-1 MSD	CS-13 (4.0')	Total/NA	Solid	8015B NM	91868

Analysis Batch: 92101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7169-1	CS-13 (4.0')	Total/NA	Solid	8015 NM	
890-7169-2	CS-14 (4.0')	Total/NA	Solid	8015 NM	
890-7169-3	CS-15 (4.0')	Total/NA	Solid	8015 NM	
890-7169-4	CS-16 (4.0')	Total/NA	Solid	8015 NM	
890-7169-5	CS-17 (4.0')	Total/NA	Solid	8015 NM	
890-7169-6	SW-5 (4.0')	Total/NA	Solid	8015 NM	
890-7169-7	SW-6 (4.0')	Total/NA	Solid	8015 NM	
890-7169-8	SW-7 (4.0')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 91879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7169-1	CS-13 (4.0')	Soluble	Solid	DI Leach	
890-7169-2	CS-14 (4.0')	Soluble	Solid	DI Leach	
890-7169-3	CS-15 (4.0')	Soluble	Solid	DI Leach	
890-7169-4	CS-16 (4.0')	Soluble	Solid	DI Leach	
890-7169-5	CS-17 (4.0')	Soluble	Solid	DI Leach	
890-7169-6	SW-5 (4.0')	Soluble	Solid	DI Leach	
890-7169-7	SW-6 (4.0')	Soluble	Solid	DI Leach	
890-7169-8	SW-7 (4.0')	Soluble	Solid	DI Leach	
MB 880-91879/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-91879/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-91879/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-49050-A-5-C MS	Matrix Spike	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 890-7169-1
SDG: Eddy CO NM

HPLC/IC (Continued)

Leach Batch: 91879 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49050-A-5-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 91910

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7169-1	CS-13 (4.0')	Soluble	Solid	300.0	91879
890-7169-2	CS-14 (4.0')	Soluble	Solid	300.0	91879
890-7169-3	CS-15 (4.0')	Soluble	Solid	300.0	91879
890-7169-4	CS-16 (4.0')	Soluble	Solid	300.0	91879
890-7169-5	CS-17 (4.0')	Soluble	Solid	300.0	91879
890-7169-6	SW-5 (4.0')	Soluble	Solid	300.0	91879
890-7169-7	SW-6 (4.0')	Soluble	Solid	300.0	91879
890-7169-8	SW-7 (4.0')	Soluble	Solid	300.0	91879
MB 880-91879/1-A	Method Blank	Soluble	Solid	300.0	91879
LCS 880-91879/2-A	Lab Control Sample	Soluble	Solid	300.0	91879
LCSD 880-91879/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	91879
880-49050-A-5-C MS	Matrix Spike	Soluble	Solid	300.0	91879
880-49050-A-5-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	91879

Lab Chronicle

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 890-7169-1
SDG: Eddy CO NM

Client Sample ID: CS-13 (4.0')

Lab Sample ID: 890-7169-1

Date Collected: 09/25/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	91911	09/27/24 09:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91882	09/27/24 17:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92127	09/27/24 17:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92101	09/27/24 21:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	91868	09/26/24 21:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91875	09/27/24 21:17	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	91879	09/27/24 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91910	09/27/24 11:24	SMC	EET MID

Client Sample ID: CS-14 (4.0')

Lab Sample ID: 890-7169-2

Date Collected: 09/25/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	91911	09/27/24 09:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91882	09/27/24 17:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92127	09/27/24 17:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92101	09/27/24 22:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	91868	09/26/24 21:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91875	09/27/24 22:18	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	91879	09/27/24 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91910	09/27/24 11:44	SMC	EET MID

Client Sample ID: CS-15 (4.0')

Lab Sample ID: 890-7169-3

Date Collected: 09/25/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	91911	09/27/24 09:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91882	09/27/24 17:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92127	09/27/24 17:45	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92101	09/27/24 22:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	91868	09/26/24 21:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91875	09/27/24 22:39	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	91879	09/27/24 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91910	09/27/24 11:51	SMC	EET MID

Client Sample ID: CS-16 (4.0')

Lab Sample ID: 890-7169-4

Date Collected: 09/25/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	91911	09/27/24 09:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91882	09/27/24 18:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92127	09/27/24 18:05	AJ	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 890-7169-1
SDG: Eddy CO NM

Client Sample ID: CS-16 (4.0')

Lab Sample ID: 890-7169-4

Date Collected: 09/25/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			92101	09/27/24 23:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	91868	09/26/24 21:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91875	09/27/24 23:00	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	91879	09/27/24 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91910	09/27/24 11:57	SMC	EET MID

Client Sample ID: CS-17 (4.0')

Lab Sample ID: 890-7169-5

Date Collected: 09/25/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	91911	09/27/24 09:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91882	09/27/24 18:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92127	09/27/24 18:26	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92101	09/27/24 23:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	91868	09/26/24 21:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91875	09/27/24 23:20	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	91879	09/27/24 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91910	09/27/24 12:04	SMC	EET MID

Client Sample ID: SW-5 (4.0')

Lab Sample ID: 890-7169-6

Date Collected: 09/25/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	91911	09/27/24 09:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91882	09/27/24 18:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92127	09/27/24 18:46	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92101	09/27/24 23:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	91868	09/26/24 21:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91875	09/27/24 23:40	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	91879	09/27/24 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91910	09/27/24 12:11	SMC	EET MID

Client Sample ID: SW-6 (4.0')

Lab Sample ID: 890-7169-7

Date Collected: 09/25/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	91911	09/27/24 09:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91882	09/27/24 19:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92127	09/27/24 19:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92101	09/28/24 00:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	91868	09/26/24 21:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91875	09/28/24 00:01	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 890-7169-1
SDG: Eddy CO NM

Client Sample ID: SW-6 (4.0')
Date Collected: 09/25/24 00:00
Date Received: 09/26/24 16:07

Lab Sample ID: 890-7169-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	91879	09/27/24 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91910	09/27/24 12:17	SMC	EET MID

Client Sample ID: SW-7 (4.0')
Date Collected: 09/25/24 00:00
Date Received: 09/26/24 16:07

Lab Sample ID: 890-7169-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	91911	09/27/24 09:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91882	09/27/24 19:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92127	09/27/24 19:27	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92101	09/28/24 00:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	91868	09/26/24 21:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91875	09/28/24 00:21	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	91879	09/27/24 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91910	09/27/24 12:24	SMC	EET MID

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 890-7169-1
SDG: Eddy CO NM

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 890-7169-1
SDG: Eddy CO NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Carmona Resources
Project/Site: Onsurez 1B Battery (07.08.2024)

Job ID: 890-7169-1
SDG: Eddy CO NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-7169-1	CS-13 (4.0')	Solid	09/25/24 00:00	09/26/24 16:07
890-7169-2	CS-14 (4.0')	Solid	09/25/24 00:00	09/26/24 16:07
890-7169-3	CS-15 (4.0')	Solid	09/25/24 00:00	09/26/24 16:07
890-7169-4	CS-16 (4.0')	Solid	09/25/24 00:00	09/26/24 16:07
890-7169-5	CS-17 (4.0')	Solid	09/25/24 00:00	09/26/24 16:07
890-7169-6	SW-5 (4.0')	Solid	09/25/24 00:00	09/26/24 16:07
890-7169-7	SW-6 (4.0')	Solid	09/25/24 00:00	09/26/24 16:07
890-7169-8	SW-7 (4.0')	Solid	09/25/24 00:00	09/26/24 16:07

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Chain of Custody



890-7169 Chain of Custody

Page 1 of 1

Project Manager:	Ashton Thielke	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 West Wall Ste. 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-8988	Email:	ThielkeA@Carmonaresources.com

Project Name:		Onsuez 1B Battery (07.08.2024)
Project Number:	2483	☐ Routine ☒ Rush
Project Location:	Eddy Co. NM	Due Date: 24 Hour
Sampler's Name:	GPJ	TAT starts the day received by the lab, if received by 4:30pm
PO #:		

SAMPLE RECEIPT	Temp Blank: ☒ Yes ☒ No	Thermometer ID: 7M007	Wet Ice: ☒ Yes ☒ No
Received Intact:	☒ Yes ☒ No	Correction Factor: 5.2	
Cooler Custody Seals:	☒ Yes ☒ No	Temperature Reading: 5.0	
Sample Custody Seals:	☒ Yes ☒ No	Corrected Temperature: 5.0	
Total Containers:			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST												Preservative Codes			
							Parameters												None: NO	DI Water: H ₂ O		
CS-13 (4.0)	9/25/2024		X		Comp	1	X	X	X	X												
CS-14 (4.0)	9/25/2024		X		Comp	1	X	X	X	X												
CS-15 (4.0)	9/25/2024		X		Comp	1	X	X	X	X												
CS-16 (4.0)	9/25/2024		X		Comp	1	X	X	X	X												
CS-17 (4.0)	9/25/2024		X		Comp	1	X	X	X	X												
SW-5 (4.0)	9/25/2024		X		Comp	1	X	X	X	X												
SW-6 (4.0)	9/25/2024		X		Comp	1	X	X	X	X												
SW-7 (4.0)	9/25/2024		X		Comp	1	X	X	X	X												

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		9/27/24			

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-7169-1

SDG Number: Eddy CO NM

Login Number: 7169

List Number: 1

Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-7169-1

SDG Number: Eddy CO NM

Login Number: 7169

List Source: Eurofins Midland

List Number: 2

List Creation: 09/26/24 08:55 PM

Creator: Laing, Edmundo

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
- 7
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- 9
- 10
- 11
- 12
- 13
- 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Ashton Thielke
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 10/2/2024 5:38:49 PM

JOB DESCRIPTION

ONSUREZ 1B BATTERY (07.08.2024)
2483

JOB NUMBER

890-7174-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
10/2/2024 5:38:49 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Laboratory Job ID: 890-7174-1
SDG: 2483

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	7
Surrogate Summary	29
QC Sample Results	31
QC Association Summary	41
Lab Chronicle	49
Certification Summary	58
Method Summary	59
Sample Summary	60
Chain of Custody	61
Receipt Checklists	64

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Definitions/Glossary

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources
Project: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1

Job ID: 890-7174-1

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Job Narrative 890-7174-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 10/1/2024 1:39 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.4°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS - 18 (0.5') (890-7174-1), CS - 19 (0.5') (890-7174-2), CS - 20 (0.5') (890-7174-3), CS - 21 (0.5') (890-7174-4), CS - 22 (2.0') (890-7174-5), CS - 23 (2.0') (890-7174-6), CS - 24 (2.0') (890-7174-7), CS - 25 (2.0') (890-7174-8), CS - 26 (2.0') (890-7174-9), CS - 27 (2.0') (890-7174-10), CS - 28 (2.0') (890-7174-11), CS - 29 (2.0') (890-7174-12), CS - 30 (2.0') (890-7174-13), CS - 31 (2.0') (890-7174-14), CS - 32 (2.0') (890-7174-15), CS - 33 (2.0') (890-7174-16), CS - 34 (2.0') (890-7174-17), CS - 35 (2.0') (890-7174-18), CS - 36 (2.0') (890-7174-19), SW - 8 (3.5') (890-7174-20), SW - 9 (0.5') (890-7174-21), SW - 10 (0.5') (890-7174-22), SW - 11 (0.5') (890-7174-23), SW - 12 (0.5') (890-7174-24), SW - 13 (1.5') (890-7174-25), SW - 14 (2.0') (890-7174-26), SW - 15 (2.0') (890-7174-27), SW - 16 (2.0') (890-7174-28) and SW - 17 (2.0') (890-7174-29).

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-92132 and analytical batch 880-92333 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS - 35 (2.0') (890-7174-18) and (LCS 880-92132/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-92132 and analytical batch 880-92333 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

Method 8015MOD_NM: The matrix spike duplicate (MSD) recoveries for preparation batch 880-92132 and analytical batch 880-92333 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-92134 and analytical batch 880-92335 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW - 11 (0.5') (890-7174-23), SW - 12 (0.5') (890-7174-24), SW - 16 (2.0') (890-7174-28), SW - 17 (2.0') (890-7174-29) and (LCSD 880-92134/3-A). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-92307 and analytical batch 880-92328 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was

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Case Narrative

Client: Carmona Resources
Project: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1

Job ID: 890-7174-1 (Continued) **Eurofins Carlsbad**

within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Client Sample ID: CS - 18 (0.5')

Lab Sample ID: 890-7174-1

Date Collected: 09/30/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:26	10/02/24 11:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:26	10/02/24 11:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:26	10/02/24 11:29	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/02/24 08:26	10/02/24 11:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:26	10/02/24 11:29	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/02/24 08:26	10/02/24 11:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	10/02/24 08:26	10/02/24 11:29	1
1,4-Difluorobenzene (Surr)	101		70 - 130	10/02/24 08:26	10/02/24 11:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/02/24 11:29	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/02/24 12:13	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/30/24 12:12	10/02/24 12:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1 F1	49.9		mg/Kg		09/30/24 12:12	10/02/24 12:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/30/24 12:12	10/02/24 12:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	09/30/24 12:12	10/02/24 12:13	1
o-Terphenyl	74		70 - 130	09/30/24 12:12	10/02/24 12:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	286		5.01		mg/Kg			10/02/24 11:48	1

Client Sample ID: CS - 19 (0.5')

Lab Sample ID: 890-7174-2

Date Collected: 09/30/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:26	10/02/24 11:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:26	10/02/24 11:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:26	10/02/24 11:50	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/02/24 08:26	10/02/24 11:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:26	10/02/24 11:50	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/02/24 08:26	10/02/24 11:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	10/02/24 08:26	10/02/24 11:50	1
1,4-Difluorobenzene (Surr)	103		70 - 130	10/02/24 08:26	10/02/24 11:50	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Client Sample ID: CS - 19 (0.5')

Lab Sample ID: 890-7174-2

Date Collected: 09/30/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/02/24 11:50	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/02/24 13:02	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/30/24 12:12	10/02/24 13:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		09/30/24 12:12	10/02/24 13:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/30/24 12:12	10/02/24 13:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				09/30/24 12:12	10/02/24 13:02	1
o-Terphenyl	76		70 - 130				09/30/24 12:12	10/02/24 13:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79.7		5.02		mg/Kg			10/02/24 11:54	1

Client Sample ID: CS - 20 (0.5')

Lab Sample ID: 890-7174-3

Date Collected: 09/30/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:26	10/02/24 12:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:26	10/02/24 12:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:26	10/02/24 12:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/02/24 08:26	10/02/24 12:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:26	10/02/24 12:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/02/24 08:26	10/02/24 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				10/02/24 08:26	10/02/24 12:10	1
1,4-Difluorobenzene (Surr)	103		70 - 130				10/02/24 08:26	10/02/24 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/02/24 12:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/02/24 13:19	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/30/24 12:12	10/02/24 13:19	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		09/30/24 12:12	10/02/24 13:19	1

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Client Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Client Sample ID: CS - 20 (0.5')

Lab Sample ID: 890-7174-3

Date Collected: 09/30/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/30/24 12:12	10/02/24 13:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				09/30/24 12:12	10/02/24 13:19	1
o-Terphenyl	75		70 - 130				09/30/24 12:12	10/02/24 13:19	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	98.1		5.05		mg/Kg			10/02/24 11:59	1

Client Sample ID: CS - 21 (0.5')

Lab Sample ID: 890-7174-4

Date Collected: 09/30/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/02/24 08:26	10/02/24 12:31	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/02/24 08:26	10/02/24 12:31	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/02/24 08:26	10/02/24 12:31	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/02/24 08:26	10/02/24 12:31	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/02/24 08:26	10/02/24 12:31	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/02/24 08:26	10/02/24 12:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				10/02/24 08:26	10/02/24 12:31	1
1,4-Difluorobenzene (Surr)	102		70 - 130				10/02/24 08:26	10/02/24 12:31	1
Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			10/02/24 12:31	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/02/24 13:36	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/30/24 12:12	10/02/24 13:36	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		09/30/24 12:12	10/02/24 13:36	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/30/24 12:12	10/02/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				09/30/24 12:12	10/02/24 13:36	1
o-Terphenyl	77		70 - 130				09/30/24 12:12	10/02/24 13:36	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	87.7		4.98		mg/Kg			10/02/24 12:04	1

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Client Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Client Sample ID: CS - 22 (2.0')

Lab Sample ID: 890-7174-5

Date Collected: 10/01/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:26	10/02/24 12:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:26	10/02/24 12:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:26	10/02/24 12:51	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/02/24 08:26	10/02/24 12:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:26	10/02/24 12:51	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/02/24 08:26	10/02/24 12:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				10/02/24 08:26	10/02/24 12:51	1
1,4-Difluorobenzene (Surr)	98		70 - 130				10/02/24 08:26	10/02/24 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/02/24 12:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/02/24 13:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/30/24 12:12	10/02/24 13:52	1
Diesel Range Organics (Over C10-C28)	<49.7	U *1	49.7		mg/Kg		09/30/24 12:12	10/02/24 13:52	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/30/24 12:12	10/02/24 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				09/30/24 12:12	10/02/24 13:52	1
o-Terphenyl	82		70 - 130				09/30/24 12:12	10/02/24 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	352		4.96		mg/Kg			10/02/24 12:10	1

Client Sample ID: CS - 23 (2.0')

Lab Sample ID: 890-7174-6

Date Collected: 10/01/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:26	10/02/24 13:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:26	10/02/24 13:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:26	10/02/24 13:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/02/24 08:26	10/02/24 13:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:26	10/02/24 13:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/02/24 08:26	10/02/24 13:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				10/02/24 08:26	10/02/24 13:12	1
1,4-Difluorobenzene (Surr)	104		70 - 130				10/02/24 08:26	10/02/24 13:12	1

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Client Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Client Sample ID: CS - 23 (2.0')

Lab Sample ID: 890-7174-6

Date Collected: 10/01/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/02/24 13:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/02/24 14:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/30/24 12:12	10/02/24 14:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		09/30/24 12:12	10/02/24 14:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/30/24 12:12	10/02/24 14:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				09/30/24 12:12	10/02/24 14:09	1
o-Terphenyl	76		70 - 130				09/30/24 12:12	10/02/24 14:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	55.1		5.04		mg/Kg			10/02/24 12:15	1

Client Sample ID: CS - 24 (2.0')

Lab Sample ID: 890-7174-7

Date Collected: 10/01/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:26	10/02/24 13:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:26	10/02/24 13:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:26	10/02/24 13:32	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/02/24 08:26	10/02/24 13:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:26	10/02/24 13:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/02/24 08:26	10/02/24 13:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				10/02/24 08:26	10/02/24 13:32	1
1,4-Difluorobenzene (Surr)	102		70 - 130				10/02/24 08:26	10/02/24 13:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/02/24 13:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/02/24 14:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/30/24 12:12	10/02/24 14:26	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		09/30/24 12:12	10/02/24 14:26	1

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Client Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Client Sample ID: CS - 24 (2.0')
Date Collected: 10/01/24 00:00
Date Received: 10/01/24 13:39

Lab Sample ID: 890-7174-7
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/30/24 12:12	10/02/24 14:26	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	99		70 - 130				09/30/24 12:12	10/02/24 14:26	1	
o-Terphenyl	75		70 - 130				09/30/24 12:12	10/02/24 14:26	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	87.0		4.97		mg/Kg			10/02/24 12:20	1	

Client Sample ID: CS - 25 (2.0')
Date Collected: 10/01/24 00:00
Date Received: 10/01/24 13:39

Lab Sample ID: 890-7174-8
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:26	10/02/24 13:53	1	
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:26	10/02/24 13:53	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:26	10/02/24 13:53	1	
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/02/24 08:26	10/02/24 13:53	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:26	10/02/24 13:53	1	
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/02/24 08:26	10/02/24 13:53	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	105		70 - 130				10/02/24 08:26	10/02/24 13:53	1	
1,4-Difluorobenzene (Surr)	101		70 - 130				10/02/24 08:26	10/02/24 13:53	1	
Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/02/24 13:53	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.7	U	49.7		mg/Kg			10/02/24 14:43	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/30/24 12:12	10/02/24 14:43	1	
Diesel Range Organics (Over C10-C28)	<49.7	U *1	49.7		mg/Kg		09/30/24 12:12	10/02/24 14:43	1	
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/30/24 12:12	10/02/24 14:43	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	101		70 - 130				09/30/24 12:12	10/02/24 14:43	1	
o-Terphenyl	77		70 - 130				09/30/24 12:12	10/02/24 14:43	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	74.6	F1	5.03		mg/Kg			10/02/24 10:43	1	

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Client Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Client Sample ID: CS - 26 (2.0')
Date Collected: 10/01/24 00:00
Date Received: 10/01/24 13:39

Lab Sample ID: 890-7174-9
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:26	10/02/24 14:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:26	10/02/24 14:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:26	10/02/24 14:13	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/02/24 08:26	10/02/24 14:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:26	10/02/24 14:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/02/24 08:26	10/02/24 14:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				10/02/24 08:26	10/02/24 14:13	1
1,4-Difluorobenzene (Surr)	104		70 - 130				10/02/24 08:26	10/02/24 14:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/02/24 14:13	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/02/24 15:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/30/24 12:12	10/02/24 15:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		09/30/24 12:12	10/02/24 15:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/30/24 12:12	10/02/24 15:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				09/30/24 12:12	10/02/24 15:00	1
o-Terphenyl	73		70 - 130				09/30/24 12:12	10/02/24 15:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	132		5.02		mg/Kg			10/02/24 11:02	1

Client Sample ID: CS - 27 (2.0')
Date Collected: 10/01/24 00:00
Date Received: 10/01/24 13:39

Lab Sample ID: 890-7174-10
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:26	10/02/24 14:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:26	10/02/24 14:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:26	10/02/24 14:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/02/24 08:26	10/02/24 14:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:26	10/02/24 14:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/02/24 08:26	10/02/24 14:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				10/02/24 08:26	10/02/24 14:34	1
1,4-Difluorobenzene (Surr)	103		70 - 130				10/02/24 08:26	10/02/24 14:34	1

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Client Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Client Sample ID: CS - 27 (2.0')

Lab Sample ID: 890-7174-10

Date Collected: 10/01/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/02/24 14:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/02/24 15:17	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/30/24 12:12	10/02/24 15:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		09/30/24 12:12	10/02/24 15:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/30/24 12:12	10/02/24 15:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				09/30/24 12:12	10/02/24 15:17	1
o-Terphenyl	71		70 - 130				09/30/24 12:12	10/02/24 15:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	147		5.05		mg/Kg			10/02/24 11:08	1

Client Sample ID: CS - 28 (2.0')

Lab Sample ID: 890-7174-11

Date Collected: 10/01/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:30	10/02/24 11:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:30	10/02/24 11:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:30	10/02/24 11:41	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/02/24 08:30	10/02/24 11:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:30	10/02/24 11:41	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/02/24 08:30	10/02/24 11:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				10/02/24 08:30	10/02/24 11:41	1
1,4-Difluorobenzene (Surr)	96		70 - 130				10/02/24 08:30	10/02/24 11:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/02/24 11:41	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/02/24 15:51	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/30/24 12:12	10/02/24 15:51	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		09/30/24 12:12	10/02/24 15:51	1

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Client Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Client Sample ID: CS - 28 (2.0')
Date Collected: 10/01/24 00:00
Date Received: 10/01/24 13:39

Lab Sample ID: 890-7174-11
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/30/24 12:12	10/02/24 15:51	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	93		70 - 130				09/30/24 12:12	10/02/24 15:51	1	
o-Terphenyl	71		70 - 130				09/30/24 12:12	10/02/24 15:51	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	147		4.98		mg/Kg			10/02/24 11:15	1	

Client Sample ID: CS - 29 (2.0')
Date Collected: 10/01/24 00:00
Date Received: 10/01/24 13:39

Lab Sample ID: 890-7174-12
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:30	10/02/24 12:02	1	
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:30	10/02/24 12:02	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:30	10/02/24 12:02	1	
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/02/24 08:30	10/02/24 12:02	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:30	10/02/24 12:02	1	
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/02/24 08:30	10/02/24 12:02	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	127		70 - 130				10/02/24 08:30	10/02/24 12:02	1	
1,4-Difluorobenzene (Surr)	96		70 - 130				10/02/24 08:30	10/02/24 12:02	1	
Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/02/24 12:02	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.7	U	49.7		mg/Kg			10/02/24 16:08	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/30/24 12:12	10/02/24 16:08	1	
Diesel Range Organics (Over C10-C28)	<49.7	U *1	49.7		mg/Kg		09/30/24 12:12	10/02/24 16:08	1	
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/30/24 12:12	10/02/24 16:08	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	91		70 - 130				09/30/24 12:12	10/02/24 16:08	1	
o-Terphenyl	71		70 - 130				09/30/24 12:12	10/02/24 16:08	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	76.8		4.96		mg/Kg			10/02/24 11:21	1	

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Client Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Client Sample ID: CS - 30 (2.0')

Lab Sample ID: 890-7174-13

Date Collected: 10/01/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:30	10/02/24 12:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:30	10/02/24 12:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:30	10/02/24 12:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/02/24 08:30	10/02/24 12:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:30	10/02/24 12:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/02/24 08:30	10/02/24 12:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	10/02/24 08:30	10/02/24 12:22	1
1,4-Difluorobenzene (Surr)	97		70 - 130	10/02/24 08:30	10/02/24 12:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/02/24 12:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/02/24 16:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/30/24 12:12	10/02/24 16:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		09/30/24 12:12	10/02/24 16:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/30/24 12:12	10/02/24 16:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	09/30/24 12:12	10/02/24 16:26	1
o-Terphenyl	80		70 - 130	09/30/24 12:12	10/02/24 16:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	148		5.04		mg/Kg			10/02/24 11:40	1

Client Sample ID: CS - 31 (2.0')

Lab Sample ID: 890-7174-14

Date Collected: 10/01/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/02/24 08:30	10/02/24 12:42	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/02/24 08:30	10/02/24 12:42	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/02/24 08:30	10/02/24 12:42	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/02/24 08:30	10/02/24 12:42	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/02/24 08:30	10/02/24 12:42	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/02/24 08:30	10/02/24 12:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	10/02/24 08:30	10/02/24 12:42	1
1,4-Difluorobenzene (Surr)	96		70 - 130	10/02/24 08:30	10/02/24 12:42	1

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Client Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Client Sample ID: CS - 31 (2.0') Lab Sample ID: 890-7174-14
Date Collected: 10/01/24 00:00 Matrix: Solid
Date Received: 10/01/24 13:39

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00397	U	0.00397		mg/Kg			10/02/24 12:42	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.8	U	49.8		mg/Kg			10/02/24 16:43	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/30/24 12:12	10/02/24 16:43	1	
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		09/30/24 12:12	10/02/24 16:43	1	
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/30/24 12:12	10/02/24 16:43	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	96		70 - 130				09/30/24 12:12	10/02/24 16:43	1	
o-Terphenyl	73		70 - 130				09/30/24 12:12	10/02/24 16:43	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	83.3		4.98		mg/Kg			10/02/24 11:47	1	

Client Sample ID: CS - 32 (2.0') Lab Sample ID: 890-7174-15
Date Collected: 10/01/24 00:00 Matrix: Solid
Date Received: 10/01/24 13:39

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:30	10/02/24 13:03	1	
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:30	10/02/24 13:03	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:30	10/02/24 13:03	1	
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/02/24 08:30	10/02/24 13:03	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:30	10/02/24 13:03	1	
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/02/24 08:30	10/02/24 13:03	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	120		70 - 130				10/02/24 08:30	10/02/24 13:03	1	
1,4-Difluorobenzene (Surr)	96		70 - 130				10/02/24 08:30	10/02/24 13:03	1	

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/02/24 13:03	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.9	U	49.9		mg/Kg			10/02/24 17:00	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/30/24 12:12	10/02/24 17:00	1	
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		09/30/24 12:12	10/02/24 17:00	1	

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Client Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Client Sample ID: CS - 32 (2.0')

Lab Sample ID: 890-7174-15

Date Collected: 10/01/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/30/24 12:12	10/02/24 17:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				09/30/24 12:12	10/02/24 17:00	1
o-Terphenyl	75		70 - 130				09/30/24 12:12	10/02/24 17:00	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	159		4.97		mg/Kg			10/02/24 11:53	1

Client Sample ID: CS - 33 (2.0')

Lab Sample ID: 890-7174-16

Date Collected: 10/01/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:30	10/02/24 13:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:30	10/02/24 13:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:30	10/02/24 13:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/02/24 08:30	10/02/24 13:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:30	10/02/24 13:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/02/24 08:30	10/02/24 13:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				10/02/24 08:30	10/02/24 13:23	1
1,4-Difluorobenzene (Surr)	96		70 - 130				10/02/24 08:30	10/02/24 13:23	1
Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/02/24 13:23	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/02/24 17:17	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/30/24 12:12	10/02/24 17:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		09/30/24 12:12	10/02/24 17:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/30/24 12:12	10/02/24 17:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				09/30/24 12:12	10/02/24 17:17	1
o-Terphenyl	74		70 - 130				09/30/24 12:12	10/02/24 17:17	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	121		5.00		mg/Kg			10/02/24 11:59	1

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Client Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Client Sample ID: CS - 34 (2.0')

Lab Sample ID: 890-7174-17

Date Collected: 10/01/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:30	10/02/24 13:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:30	10/02/24 13:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:30	10/02/24 13:44	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/02/24 08:30	10/02/24 13:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:30	10/02/24 13:44	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/02/24 08:30	10/02/24 13:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	10/02/24 08:30	10/02/24 13:44	1
1,4-Difluorobenzene (Surr)	96		70 - 130	10/02/24 08:30	10/02/24 13:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/02/24 13:44	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/02/24 17:34	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/30/24 12:12	10/02/24 17:34	1
Diesel Range Organics (Over C10-C28)	<49.7	U *1	49.7		mg/Kg		09/30/24 12:12	10/02/24 17:34	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/30/24 12:12	10/02/24 17:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	09/30/24 12:12	10/02/24 17:34	1
o-Terphenyl	76		70 - 130	09/30/24 12:12	10/02/24 17:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	157		4.99		mg/Kg			10/02/24 12:06	1

Client Sample ID: CS - 35 (2.0')

Lab Sample ID: 890-7174-18

Date Collected: 10/01/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:30	10/02/24 14:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:30	10/02/24 14:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:30	10/02/24 14:04	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/02/24 08:30	10/02/24 14:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:30	10/02/24 14:04	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/02/24 08:30	10/02/24 14:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	10/02/24 08:30	10/02/24 14:04	1
1,4-Difluorobenzene (Surr)	96		70 - 130	10/02/24 08:30	10/02/24 14:04	1

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Client Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Client Sample ID: CS - 35 (2.0')
Date Collected: 10/01/24 00:00
Date Received: 10/01/24 13:39

Lab Sample ID: 890-7174-18
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/02/24 14:04	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<50.0	U	50.0		mg/Kg			10/02/24 17:51	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/30/24 12:12	10/02/24 17:51	1	
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		09/30/24 12:12	10/02/24 17:51	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/30/24 12:12	10/02/24 17:51	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	91		70 - 130				09/30/24 12:12	10/02/24 17:51	1	
o-Terphenyl	67	S1-	70 - 130				09/30/24 12:12	10/02/24 17:51	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	162	F1	4.98		mg/Kg			10/02/24 12:12	1	

Client Sample ID: CS - 36 (2.0')
Date Collected: 10/01/24 00:00
Date Received: 10/01/24 13:39

Lab Sample ID: 890-7174-19
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:30	10/02/24 14:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:30	10/02/24 14:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:30	10/02/24 14:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/02/24 08:30	10/02/24 14:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:30	10/02/24 14:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/02/24 08:30	10/02/24 14:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				10/02/24 08:30	10/02/24 14:24	1
1,4-Difluorobenzene (Surr)	96		70 - 130				10/02/24 08:30	10/02/24 14:24	1
Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/02/24 14:24	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/02/24 12:13	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/30/24 12:15	10/02/24 12:13	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/30/24 12:15	10/02/24 12:13	1

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Client Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Client Sample ID: CS - 36 (2.0')
Date Collected: 10/01/24 00:00
Date Received: 10/01/24 13:39

Lab Sample ID: 890-7174-19
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/30/24 12:15	10/02/24 12:13	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	119		70 - 130				09/30/24 12:15	10/02/24 12:13	1	
o-Terphenyl	109		70 - 130				09/30/24 12:15	10/02/24 12:13	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	126		4.96		mg/Kg			10/02/24 12:31	1	

Client Sample ID: SW - 8 (3.5')
Date Collected: 09/30/24 00:00
Date Received: 10/01/24 13:39

Lab Sample ID: 890-7174-20
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:30	10/02/24 14:45	1	
Toluene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:30	10/02/24 14:45	1	
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:30	10/02/24 14:45	1	
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/02/24 08:30	10/02/24 14:45	1	
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:30	10/02/24 14:45	1	
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/02/24 08:30	10/02/24 14:45	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	121		70 - 130				10/02/24 08:30	10/02/24 14:45	1	
1,4-Difluorobenzene (Surr)	96		70 - 130				10/02/24 08:30	10/02/24 14:45	1	
Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/02/24 14:45	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.9	U	49.9		mg/Kg			10/02/24 13:02	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/30/24 12:15	10/02/24 13:02	1	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/30/24 12:15	10/02/24 13:02	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/30/24 12:15	10/02/24 13:02	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	112		70 - 130				09/30/24 12:15	10/02/24 13:02	1	
o-Terphenyl	101		70 - 130				09/30/24 12:15	10/02/24 13:02	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	180		5.05		mg/Kg			10/02/24 12:38	1	

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Client Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Client Sample ID: SW - 9 (0.5')
Date Collected: 09/30/24 00:00
Date Received: 10/01/24 13:39

Lab Sample ID: 890-7174-21
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:27	10/02/24 12:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:27	10/02/24 12:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:27	10/02/24 12:42	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/02/24 08:27	10/02/24 12:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:27	10/02/24 12:42	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/02/24 08:27	10/02/24 12:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				10/02/24 08:27	10/02/24 12:42	1
1,4-Difluorobenzene (Surr)	91		70 - 130				10/02/24 08:27	10/02/24 12:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/02/24 12:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/02/24 13:19	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/30/24 12:15	10/02/24 13:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/30/24 12:15	10/02/24 13:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/30/24 12:15	10/02/24 13:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				09/30/24 12:15	10/02/24 13:19	1
o-Terphenyl	103		70 - 130				09/30/24 12:15	10/02/24 13:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	183		4.97		mg/Kg			10/02/24 12:57	1

Client Sample ID: SW - 10 (0.5')
Date Collected: 09/30/24 00:00
Date Received: 10/01/24 13:39

Lab Sample ID: 890-7174-22
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:27	10/02/24 13:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:27	10/02/24 13:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:27	10/02/24 13:02	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/02/24 08:27	10/02/24 13:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:27	10/02/24 13:02	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/02/24 08:27	10/02/24 13:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				10/02/24 08:27	10/02/24 13:02	1
1,4-Difluorobenzene (Surr)	95		70 - 130				10/02/24 08:27	10/02/24 13:02	1

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Client Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Client Sample ID: SW - 10 (0.5')

Lab Sample ID: 890-7174-22

Date Collected: 09/30/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/02/24 13:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/02/24 13:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/30/24 12:15	10/02/24 13:36	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/30/24 12:15	10/02/24 13:36	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/30/24 12:15	10/02/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				09/30/24 12:15	10/02/24 13:36	1
o-Terphenyl	95		70 - 130				09/30/24 12:15	10/02/24 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	185		4.96		mg/Kg			10/02/24 13:03	1

Client Sample ID: SW - 11 (0.5')

Lab Sample ID: 890-7174-23

Date Collected: 09/30/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:27	10/02/24 13:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:27	10/02/24 13:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:27	10/02/24 13:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/02/24 08:27	10/02/24 13:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:27	10/02/24 13:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/02/24 08:27	10/02/24 13:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				10/02/24 08:27	10/02/24 13:23	1
1,4-Difluorobenzene (Surr)	90		70 - 130				10/02/24 08:27	10/02/24 13:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/02/24 13:23	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/02/24 13:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/30/24 12:15	10/02/24 13:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/30/24 12:15	10/02/24 13:52	1

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Client Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Client Sample ID: SW - 11 (0.5')

Lab Sample ID: 890-7174-23

Date Collected: 09/30/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/30/24 12:15	10/02/24 13:52	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	1	S1-	70 - 130				09/30/24 12:15	10/02/24 13:52	1	
o-Terphenyl	2	S1-	70 - 130				09/30/24 12:15	10/02/24 13:52	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	198		5.04		mg/Kg			10/02/24 13:10	1	

Client Sample ID: SW - 12 (0.5')

Lab Sample ID: 890-7174-24

Date Collected: 09/30/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00198	U	0.00198		mg/Kg		10/02/24 08:27	10/02/24 13:43	1	
Toluene	<0.00198	U	0.00198		mg/Kg		10/02/24 08:27	10/02/24 13:43	1	
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/02/24 08:27	10/02/24 13:43	1	
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/02/24 08:27	10/02/24 13:43	1	
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/02/24 08:27	10/02/24 13:43	1	
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/02/24 08:27	10/02/24 13:43	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	89		70 - 130				10/02/24 08:27	10/02/24 13:43	1	
1,4-Difluorobenzene (Surr)	88		70 - 130				10/02/24 08:27	10/02/24 13:43	1	
Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00397	U	0.00397		mg/Kg			10/02/24 13:43	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.9	U	49.9		mg/Kg			10/02/24 14:09	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/30/24 12:15	10/02/24 14:09	1	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/30/24 12:15	10/02/24 14:09	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/30/24 12:15	10/02/24 14:09	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	220	S1+	70 - 130				09/30/24 12:15	10/02/24 14:09	1	
o-Terphenyl	200	S1+	70 - 130				09/30/24 12:15	10/02/24 14:09	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	133		4.95		mg/Kg			10/02/24 13:16	1	

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Client Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Client Sample ID: SW - 13 (1.5')

Lab Sample ID: 890-7174-25

Date Collected: 09/30/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:27	10/02/24 14:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:27	10/02/24 14:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:27	10/02/24 14:04	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/02/24 08:27	10/02/24 14:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:27	10/02/24 14:04	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/02/24 08:27	10/02/24 14:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				10/02/24 08:27	10/02/24 14:04	1
1,4-Difluorobenzene (Surr)	83		70 - 130				10/02/24 08:27	10/02/24 14:04	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/02/24 14:04	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/02/24 14:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/30/24 12:15	10/02/24 14:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/30/24 12:15	10/02/24 14:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/30/24 12:15	10/02/24 14:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				09/30/24 12:15	10/02/24 14:26	1
o-Terphenyl	98		70 - 130				09/30/24 12:15	10/02/24 14:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	107		4.95		mg/Kg			10/02/24 13:22	1

Client Sample ID: SW - 14 (2.0')

Lab Sample ID: 890-7174-26

Date Collected: 10/01/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:27	10/02/24 14:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:27	10/02/24 14:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:27	10/02/24 14:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/02/24 08:27	10/02/24 14:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:27	10/02/24 14:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/02/24 08:27	10/02/24 14:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				10/02/24 08:27	10/02/24 14:24	1
1,4-Difluorobenzene (Surr)	83		70 - 130				10/02/24 08:27	10/02/24 14:24	1

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Client Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Client Sample ID: SW - 14 (2.0')
Date Collected: 10/01/24 00:00
Date Received: 10/01/24 13:39

Lab Sample ID: 890-7174-26
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/02/24 14:24	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.7	U	49.7		mg/Kg			10/02/24 14:43	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/30/24 12:15	10/02/24 14:43	1	
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/30/24 12:15	10/02/24 14:43	1	
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/30/24 12:15	10/02/24 14:43	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	107		70 - 130				09/30/24 12:15	10/02/24 14:43	1	
o-Terphenyl	96		70 - 130				09/30/24 12:15	10/02/24 14:43	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	124		5.01		mg/Kg			10/02/24 13:29	1	

Client Sample ID: SW - 15 (2.0')
Date Collected: 10/01/24 00:00
Date Received: 10/01/24 13:39

Lab Sample ID: 890-7174-27
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:27	10/02/24 15:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:27	10/02/24 15:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:27	10/02/24 15:26	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/02/24 08:27	10/02/24 15:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:27	10/02/24 15:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/02/24 08:27	10/02/24 15:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				10/02/24 08:27	10/02/24 15:26	1
1,4-Difluorobenzene (Surr)	89		70 - 130				10/02/24 08:27	10/02/24 15:26	1
Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/02/24 15:26	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/02/24 15:00	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/30/24 12:15	10/02/24 15:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/30/24 12:15	10/02/24 15:00	1

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Client Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Client Sample ID: SW - 15 (2.0')
Date Collected: 10/01/24 00:00
Date Received: 10/01/24 13:39

Lab Sample ID: 890-7174-27
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/30/24 12:15	10/02/24 15:00	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	112		70 - 130				09/30/24 12:15	10/02/24 15:00	1	
o-Terphenyl	101		70 - 130				09/30/24 12:15	10/02/24 15:00	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	184		4.95		mg/Kg			10/02/24 13:35	1	

Client Sample ID: SW - 16 (2.0')
Date Collected: 10/01/24 00:00
Date Received: 10/01/24 13:39

Lab Sample ID: 890-7174-28
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:27	10/02/24 14:45	1	
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:27	10/02/24 14:45	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:27	10/02/24 14:45	1	
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/02/24 08:27	10/02/24 14:45	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:27	10/02/24 14:45	1	
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/02/24 08:27	10/02/24 14:45	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	92		70 - 130				10/02/24 08:27	10/02/24 14:45	1	
1,4-Difluorobenzene (Surr)	91		70 - 130				10/02/24 08:27	10/02/24 14:45	1	
Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/02/24 14:45	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.7	U	49.7		mg/Kg			10/02/24 15:17	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/30/24 12:15	10/02/24 15:17	1	
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/30/24 12:15	10/02/24 15:17	1	
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/30/24 12:15	10/02/24 15:17	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	139	S1+	70 - 130				09/30/24 12:15	10/02/24 15:17	1	
o-Terphenyl	125		70 - 130				09/30/24 12:15	10/02/24 15:17	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	171		4.96		mg/Kg			10/02/24 13:04	1	

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Client Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Client Sample ID: SW - 17 (2.0')
Date Collected: 10/01/24 00:00
Date Received: 10/01/24 13:39

Lab Sample ID: 890-7174-29
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:27	10/02/24 15:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:27	10/02/24 15:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:27	10/02/24 15:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/02/24 08:27	10/02/24 15:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/02/24 08:27	10/02/24 15:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/02/24 08:27	10/02/24 15:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				10/02/24 08:27	10/02/24 15:06	1
1,4-Difluorobenzene (Surr)	83		70 - 130				10/02/24 08:27	10/02/24 15:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/02/24 15:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/02/24 15:51	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/30/24 12:15	10/02/24 15:51	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/30/24 12:15	10/02/24 15:51	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/30/24 12:15	10/02/24 15:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	137	S1+	70 - 130				09/30/24 12:15	10/02/24 15:51	1
o-Terphenyl	126		70 - 130				09/30/24 12:15	10/02/24 15:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	164		5.00		mg/Kg			10/02/24 13:20	1

Surrogate Summary

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-7174-1	CS - 18 (0.5')	106	101
890-7174-1 MS	CS - 18 (0.5')	101	103
890-7174-1 MSD	CS - 18 (0.5')	104	102
890-7174-2	CS - 19 (0.5')	105	103
890-7174-3	CS - 20 (0.5')	106	103
890-7174-4	CS - 21 (0.5')	106	102
890-7174-5	CS - 22 (2.0')	111	98
890-7174-6	CS - 23 (2.0')	103	104
890-7174-7	CS - 24 (2.0')	106	102
890-7174-8	CS - 25 (2.0')	105	101
890-7174-9	CS - 26 (2.0')	104	104
890-7174-10	CS - 27 (2.0')	109	103
890-7174-11	CS - 28 (2.0')	125	96
890-7174-11 MS	CS - 28 (2.0')	115	95
890-7174-11 MSD	CS - 28 (2.0')	115	96
890-7174-12	CS - 29 (2.0')	127	96
890-7174-13	CS - 30 (2.0')	122	97
890-7174-14	CS - 31 (2.0')	127	96
890-7174-15	CS - 32 (2.0')	120	96
890-7174-16	CS - 33 (2.0')	125	96
890-7174-17	CS - 34 (2.0')	121	96
890-7174-18	CS - 35 (2.0')	122	96
890-7174-19	CS - 36 (2.0')	121	96
890-7174-20	SW - 8 (3.5')	121	96
890-7174-21	SW - 9 (0.5')	86	91
890-7174-21 MS	SW - 9 (0.5')	107	118
890-7174-21 MSD	SW - 9 (0.5')	103	103
890-7174-22	SW - 10 (0.5')	90	95
890-7174-23	SW - 11 (0.5')	90	90
890-7174-24	SW - 12 (0.5')	89	88
890-7174-25	SW - 13 (1.5')	96	83
890-7174-26	SW - 14 (2.0')	89	83
890-7174-27	SW - 15 (2.0')	91	89
890-7174-28	SW - 16 (2.0')	92	91
890-7174-29	SW - 17 (2.0')	95	83
LCS 880-92320/1-A	Lab Control Sample	103	101
LCS 880-92321/1-A	Lab Control Sample	102	100
LCS 880-92322/1-A	Lab Control Sample	114	96
LCSD 880-92320/2-A	Lab Control Sample Dup	105	98
LCSD 880-92321/2-A	Lab Control Sample Dup	115	102
LCSD 880-92322/2-A	Lab Control Sample Dup	116	96
MB 880-92320/5-A	Method Blank	113	101
MB 880-92321/5-A	Method Blank	80	95
MB 880-92322/5-A	Method Blank	116	90

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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Surrogate Summary

Client: Carmona Resources

Job ID: 890-7174-1

Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

SDG: 2483

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7174-1	CS - 18 (0.5')	96	74
890-7174-1 MS	CS - 18 (0.5')	94	83
890-7174-1 MSD	CS - 18 (0.5')	115	82
890-7174-2	CS - 19 (0.5')	101	76
890-7174-3	CS - 20 (0.5')	98	75
890-7174-4	CS - 21 (0.5')	98	77
890-7174-5	CS - 22 (2.0')	107	82
890-7174-6	CS - 23 (2.0')	99	76
890-7174-7	CS - 24 (2.0')	99	75
890-7174-8	CS - 25 (2.0')	101	77
890-7174-9	CS - 26 (2.0')	94	73
890-7174-10	CS - 27 (2.0')	94	71
890-7174-11	CS - 28 (2.0')	93	71
890-7174-12	CS - 29 (2.0')	91	71
890-7174-13	CS - 30 (2.0')	103	80
890-7174-14	CS - 31 (2.0')	96	73
890-7174-15	CS - 32 (2.0')	97	75
890-7174-16	CS - 33 (2.0')	97	74
890-7174-17	CS - 34 (2.0')	100	76
890-7174-18	CS - 35 (2.0')	91	67 S1-
890-7174-19	CS - 36 (2.0')	119	109
890-7174-19 MS	CS - 36 (2.0')	114	113
890-7174-19 MSD	CS - 36 (2.0')	114	112
890-7174-20	SW - 8 (3.5')	112	101
890-7174-21	SW - 9 (0.5')	112	103
890-7174-22	SW - 10 (0.5')	104	95
890-7174-23	SW - 11 (0.5')	1 S1-	2 S1-
890-7174-24	SW - 12 (0.5')	220 S1+	200 S1+
890-7174-25	SW - 13 (1.5')	108	98
890-7174-26	SW - 14 (2.0')	107	96
890-7174-27	SW - 15 (2.0')	112	101
890-7174-28	SW - 16 (2.0')	139 S1+	125
890-7174-29	SW - 17 (2.0')	137 S1+	126
LCS 880-92132/2-A	Lab Control Sample	152 S1+	140 S1+
LCS 880-92134/2-A	Lab Control Sample	107	110
LCSD 880-92132/3-A	Lab Control Sample Dup	120	110
LCSD 880-92134/3-A	Lab Control Sample Dup	129	133 S1+
MB 880-92132/1-A	Method Blank	112	146 S1+
MB 880-92134/1-A	Method Blank	138 S1+	134 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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QC Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-92320/5-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 92318							Prep Batch: 92320		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:26	10/02/24 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:26	10/02/24 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:26	10/02/24 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/02/24 08:26	10/02/24 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:26	10/02/24 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/02/24 08:26	10/02/24 11:08	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				10/02/24 08:26	10/02/24 11:08	1
1,4-Difluorobenzene (Surr)	101		70 - 130				10/02/24 08:26	10/02/24 11:08	1

Lab Sample ID: LCS 880-92320/1-A							Client Sample ID: Lab Control Sample		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 92318							Prep Batch: 92320		
Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene		0.100	0.09655		mg/Kg		97	70 - 130	
Toluene		0.100	0.09068		mg/Kg		91	70 - 130	
Ethylbenzene		0.100	0.09020		mg/Kg		90	70 - 130	
m-Xylene & p-Xylene		0.200	0.1890		mg/Kg		95	70 - 130	
o-Xylene		0.100	0.09657		mg/Kg		97	70 - 130	
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	103		70 - 130						
1,4-Difluorobenzene (Surr)	101		70 - 130						

Lab Sample ID: LCSD 880-92320/2-A							Client Sample ID: Lab Control Sample Dup			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 92318							Prep Batch: 92320			
Analyte		Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene		0.100	0.09482		mg/Kg		95	70 - 130	2	35
Toluene		0.100	0.08863		mg/Kg		89	70 - 130	2	35
Ethylbenzene		0.100	0.08745		mg/Kg		87	70 - 130	3	35
m-Xylene & p-Xylene		0.200	0.1839		mg/Kg		92	70 - 130	3	35
o-Xylene		0.100	0.09447		mg/Kg		94	70 - 130	2	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits							
4-Bromofluorobenzene (Surr)	105		70 - 130							
1,4-Difluorobenzene (Surr)	98		70 - 130							

Lab Sample ID: 890-7174-1 MS							Client Sample ID: CS - 18 (0.5')		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 92318							Prep Batch: 92320		
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09460		mg/Kg		95	70 - 130
Toluene	<0.00200	U	0.100	0.08839		mg/Kg		88	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-7174-1 MS

Matrix: Solid

Analysis Batch: 92318

Client Sample ID: CS - 18 (0.5')

Prep Type: Total/NA

Prep Batch: 92320

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.08768		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	<0.00200	U	0.100	0.09465		mg/Kg		95	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 890-7174-1 MSD

Matrix: Solid

Analysis Batch: 92318

Client Sample ID: CS - 18 (0.5')

Prep Type: Total/NA

Prep Batch: 92320

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09211		mg/Kg		92	70 - 130	3	35
Toluene	<0.00200	U	0.100	0.08493		mg/Kg		85	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.100	0.08538		mg/Kg		85	70 - 130	3	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1832		mg/Kg		92	70 - 130	3	35
o-Xylene	<0.00200	U	0.100	0.09237		mg/Kg		92	70 - 130	2	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: MB 880-92321/5-A

Matrix: Solid

Analysis Batch: 92317

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 92321

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:27	10/02/24 12:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:27	10/02/24 12:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:27	10/02/24 12:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/02/24 08:27	10/02/24 12:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:27	10/02/24 12:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/02/24 08:27	10/02/24 12:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	10/02/24 08:27	10/02/24 12:20	1
1,4-Difluorobenzene (Surr)	95		70 - 130	10/02/24 08:27	10/02/24 12:20	1

Lab Sample ID: LCS 880-92321/1-A

Matrix: Solid

Analysis Batch: 92317

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 92321

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08796		mg/Kg		88	70 - 130
Toluene	0.100	0.08417		mg/Kg		84	70 - 130
Ethylbenzene	0.100	0.1050		mg/Kg		105	70 - 130
m-Xylene & p-Xylene	0.200	0.2076		mg/Kg		104	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-92321/1-A

Matrix: Solid

Analysis Batch: 92317

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 92321

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1010		mg/Kg		101	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-92321/2-A

Matrix: Solid

Analysis Batch: 92317

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 92321

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08603		mg/Kg		86	70 - 130	2	35
Toluene	0.100	0.08569		mg/Kg		86	70 - 130	2	35
Ethylbenzene	0.100	0.09617		mg/Kg		96	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.1809		mg/Kg		90	70 - 130	14	35
o-Xylene	0.100	0.1036		mg/Kg		104	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 890-7174-21 MS

Matrix: Solid

Analysis Batch: 92317

Client Sample ID: SW - 9 (0.5')

Prep Type: Total/NA

Prep Batch: 92321

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08938		mg/Kg		89	70 - 130
Toluene	<0.00200	U	0.100	0.08373		mg/Kg		84	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08963		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1660		mg/Kg		83	70 - 130
o-Xylene	<0.00200	U	0.100	0.08346		mg/Kg		83	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	118		70 - 130

Lab Sample ID: 890-7174-21 MSD

Matrix: Solid

Analysis Batch: 92317

Client Sample ID: SW - 9 (0.5')

Prep Type: Total/NA

Prep Batch: 92321

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08284		mg/Kg		83	70 - 130	8	35
Toluene	<0.00200	U	0.100	0.09085		mg/Kg		91	70 - 130	8	35
Ethylbenzene	<0.00200	U	0.100	0.1013		mg/Kg		101	70 - 130	12	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1808		mg/Kg		90	70 - 130	9	35
o-Xylene	<0.00200	U	0.100	0.08687		mg/Kg		87	70 - 130	4	35

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QC Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-7174-21 MSD
Matrix: Solid
Analysis Batch: 92317

Client Sample ID: SW - 9 (0.5')
Prep Type: Total/NA
Prep Batch: 92321

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-92322/5-A
Matrix: Solid
Analysis Batch: 92319

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 92322

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:30	10/02/24 11:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:30	10/02/24 11:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:30	10/02/24 11:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/02/24 08:30	10/02/24 11:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/24 08:30	10/02/24 11:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/02/24 08:30	10/02/24 11:20	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	116		70 - 130	10/02/24 08:30	10/02/24 11:20	1
1,4-Difluorobenzene (Surr)	90		70 - 130	10/02/24 08:30	10/02/24 11:20	1

Lab Sample ID: LCS 880-92322/1-A
Matrix: Solid
Analysis Batch: 92319

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 92322

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.09891		mg/Kg		99	70 - 130
Toluene	0.100	0.09991		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.1013		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	0.200	0.2095		mg/Kg		105	70 - 130
o-Xylene	0.100	0.1038		mg/Kg		104	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-92322/2-A
Matrix: Solid
Analysis Batch: 92319

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 92322

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits	RPD	
		Result	Qualifier					RPD	Limit
Benzene	0.100	0.1003		mg/Kg		100	70 - 130	1	35
Toluene	0.100	0.1008		mg/Kg		101	70 - 130	1	35
Ethylbenzene	0.100	0.1019		mg/Kg		102	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2113		mg/Kg		106	70 - 130	1	35
o-Xylene	0.100	0.1046		mg/Kg		105	70 - 130	1	35

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	116		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-92322/2-A
Matrix: Solid
Analysis Batch: 92319

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 92322

LCSD		LCSD	Limits
Surrogate	%Recovery	Qualifier	
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 890-7174-11 MS
Matrix: Solid
Analysis Batch: 92319

Client Sample ID: CS - 28 (2.0')
Prep Type: Total/NA
Prep Batch: 92322

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	%Rec	
	Result	Qualifier	Added	Result	Qualifier				Limits	
Benzene	<0.00200	U	0.100	0.09400		mg/Kg		94	70 - 130	
Toluene	<0.00200	U	0.100	0.09522		mg/Kg		95	70 - 130	
Ethylbenzene	<0.00200	U	0.100	0.09651		mg/Kg		97	70 - 130	
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2002		mg/Kg		100	70 - 130	
o-Xylene	<0.00200	U	0.100	0.09962		mg/Kg		100	70 - 130	

MS		MS	Limits
Surrogate	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 890-7174-11 MSD
Matrix: Solid
Analysis Batch: 92319

Client Sample ID: CS - 28 (2.0')
Prep Type: Total/NA
Prep Batch: 92322

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	%Rec		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits		RPD	Limit
Benzene	<0.00200	U	0.100	0.09640		mg/Kg		96	70 - 130		3	35
Toluene	<0.00200	U	0.100	0.09707		mg/Kg		97	70 - 130		2	35
Ethylbenzene	<0.00200	U	0.100	0.09794		mg/Kg		98	70 - 130		1	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2023		mg/Kg		101	70 - 130		1	35
o-Xylene	<0.00200	U	0.100	0.1003		mg/Kg		100	70 - 130		1	35

MSD		MSD	Limits
Surrogate	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-92132/1-A
Matrix: Solid
Analysis Batch: 92333

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 92132

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/30/24 12:12	10/02/24 04:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/30/24 12:12	10/02/24 04:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/30/24 12:12	10/02/24 04:14	1

MB		MB	Limits	Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier				
1-Chlorooctane	112		70 - 130	09/30/24 12:12	10/02/24 04:14	1
o-Terphenyl	146	S1+	70 - 130	09/30/24 12:12	10/02/24 04:14	1

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QC Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-92132/2-A
Matrix: Solid
Analysis Batch: 92333

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 92132

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1252		mg/Kg		125	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1172		mg/Kg		117	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	152	S1+	70 - 130				
o-Terphenyl	140	S1+	70 - 130				

Lab Sample ID: LCSD 880-92132/3-A
Matrix: Solid
Analysis Batch: 92333

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 92132

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1067		mg/Kg		107	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	1000	906.8	*1	mg/Kg		91	70 - 130	26	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	120		70 - 130						
o-Terphenyl	110		70 - 130						

Lab Sample ID: 890-7174-1 MS
Matrix: Solid
Analysis Batch: 92333

Client Sample ID: CS - 18 (0.5')
Prep Type: Total/NA
Prep Batch: 92132

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	906.4		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U *1 F1	998	726.0		mg/Kg		71	70 - 130
Surrogate	%Recovery	MS Qualifier	Limits						
1-Chlorooctane	94		70 - 130						
o-Terphenyl	83		70 - 130						

Lab Sample ID: 890-7174-1 MSD
Matrix: Solid
Analysis Batch: 92333

Client Sample ID: CS - 18 (0.5')
Prep Type: Total/NA
Prep Batch: 92132

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	920.7		mg/Kg		92	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U *1 F1	998	686.8	F1	mg/Kg		67	70 - 130	6	20
Surrogate	%Recovery	MSD Qualifier	Limits								
1-Chlorooctane	115		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7174-1 MSD
Matrix: Solid
Analysis Batch: 92333

Client Sample ID: CS - 18 (0.5')
Prep Type: Total/NA
Prep Batch: 92132

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
o-Terphenyl	82		70 - 130

Lab Sample ID: MB 880-92134/1-A
Matrix: Solid
Analysis Batch: 92335

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 92134

Analyte	MB	MB								
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/30/24 12:15	10/02/24 04:14	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/30/24 12:15	10/02/24 04:14	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/30/24 12:15	10/02/24 04:14	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	138	S1+	70 - 130				09/30/24 12:15	10/02/24 04:14	1	
o-Terphenyl	134	S1+	70 - 130				09/30/24 12:15	10/02/24 04:14	1	

Lab Sample ID: LCS 880-92134/2-A
Matrix: Solid
Analysis Batch: 92335

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 92134

Analyte		Spike	LCS	LCS				%Rec		
		Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10		1000	825.7		mg/Kg		83	70 - 130		
Diesel Range Organics (Over C10-C28)		1000	876.8		mg/Kg		88	70 - 130		
Surrogate										
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	107		70 - 130							
o-Terphenyl	110		70 - 130							

Lab Sample ID: LCSD 880-92134/3-A
Matrix: Solid
Analysis Batch: 92335

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 92134

Analyte		Spike	LCSD	LCSD				%Rec		RPD	
		Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10		1000	963.4		mg/Kg		96	70 - 130	15	20	
Diesel Range Organics (Over C10-C28)		1000	1061		mg/Kg		106	70 - 130	19	20	
Surrogate											
	LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	129		70 - 130								
o-Terphenyl	133	S1+	70 - 130								

QC Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7174-19 MS

Matrix: Solid

Analysis Batch: 92335

Client Sample ID: CS - 36 (2.0')

Prep Type: Total/NA

Prep Batch: 92134

	Sample	Sample	Spike	MS	MS			%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	999	951.3		mg/Kg		95	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.8	U	999	907.2		mg/Kg		91	70 - 130	
Surrogate	MS %Recovery	MS Qualifier	Limits							
1-Chlorooctane	114		70 - 130							
o-Terphenyl	113		70 - 130							

Lab Sample ID: 890-7174-19 MSD

Matrix: Solid

Analysis Batch: 92335

Client Sample ID: CS - 36 (2.0')

Prep Type: Total/NA

Prep Batch: 92134

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	999	958.5		mg/Kg		96	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.8	U	999	915.8		mg/Kg		92	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	114		70 - 130								
o-Terphenyl	112		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-92306/1-A

Matrix: Solid

Analysis Batch: 92327

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<5.00	U	5.00		mg/Kg			10/02/24 09:38	1

Lab Sample ID: LCS 880-92306/2-A

Matrix: Solid

Analysis Batch: 92327

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec
							Limits
Chloride	250	233.1		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-92306/3-A

Matrix: Solid

Analysis Batch: 92327

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec	RPD	RPD
							Limits		Limits
Chloride	250	229.8		mg/Kg	-	92	90 - 110	1	20

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QC Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-49234-A-4-B MSD												Client Sample ID: Matrix Spike Duplicate			
Matrix: Solid												Prep Type: Soluble			
Analysis Batch: 92327															
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit				
Chloride	511		248	740.5		mg/Kg		92	90 - 110	0	20				
Lab Sample ID: 880-49234-A-4-C MS												Client Sample ID: Matrix Spike			
Matrix: Solid												Prep Type: Soluble			
Analysis Batch: 92327															
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits						
Chloride	511		248	741.7		mg/Kg		93	90 - 110						
Lab Sample ID: MB 880-92307/1-A												Client Sample ID: Method Blank			
Matrix: Solid												Prep Type: Soluble			
Analysis Batch: 92328															
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac						
Chloride	<5.00	U	5.00		mg/Kg			10/02/24 10:24	1						
Lab Sample ID: LCS 880-92307/2-A												Client Sample ID: Lab Control Sample			
Matrix: Solid												Prep Type: Soluble			
Analysis Batch: 92328															
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits						
Chloride			250	236.9		mg/Kg		95	90 - 110						
Lab Sample ID: LCSD 880-92307/3-A												Client Sample ID: Lab Control Sample Dup			
Matrix: Solid												Prep Type: Soluble			
Analysis Batch: 92328															
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit				
Chloride			250	231.2		mg/Kg		92	90 - 110	2	20				
Lab Sample ID: 890-7174-8 MS												Client Sample ID: CS - 25 (2.0')			
Matrix: Solid												Prep Type: Soluble			
Analysis Batch: 92328															
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits						
Chloride	74.6	F1	252	297.9	F1	mg/Kg		89	90 - 110						
Lab Sample ID: 890-7174-8 MSD												Client Sample ID: CS - 25 (2.0')			
Matrix: Solid												Prep Type: Soluble			
Analysis Batch: 92328															
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit				
Chloride	74.6	F1	252	298.3	F1	mg/Kg		89	90 - 110	0	20				
Lab Sample ID: 890-7174-18 MS												Client Sample ID: CS - 35 (2.0')			
Matrix: Solid												Prep Type: Soluble			
Analysis Batch: 92328															
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits						
Chloride	162	F1	249	383.6	F1	mg/Kg		89	90 - 110						

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QC Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7174-18 MSD
Matrix: Solid
Analysis Batch: 92328

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	162	F1	249	388.1		mg/Kg	-	91	90 - 110	1	20

Client Sample ID: CS - 35 (2.0')
Prep Type: Soluble

Lab Sample ID: MB 880-92325/1-A
Matrix: Solid
Analysis Batch: 92332

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg	-		10/02/24 12:48	1

Client Sample ID: Method Blank
Prep Type: Soluble

Lab Sample ID: LCS 880-92325/2-A
Matrix: Solid
Analysis Batch: 92332

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	249.4		mg/Kg		100	90 - 110

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Lab Sample ID: LCSD 880-92325/3-A
Matrix: Solid
Analysis Batch: 92332

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	243.3		mg/Kg		97	90 - 110	2	20

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Lab Sample ID: 890-7174-28 MS
Matrix: Solid
Analysis Batch: 92332

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	171		248	413.5		mg/Kg	-	98	90 - 110

Client Sample ID: SW - 16 (2.0')
Prep Type: Soluble

Lab Sample ID: 890-7174-28 MSD
Matrix: Solid
Analysis Batch: 92332

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	171		248	406.6		mg/Kg	-	95	90 - 110	2	20

Client Sample ID: SW - 16 (2.0')
Prep Type: Soluble

QC Association Summary

Client: Carmona Resources

Job ID: 890-7174-1

Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

SDG: 2483

GC VOA

Analysis Batch: 92317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7174-21	SW - 9 (0.5')	Total/NA	Solid	8021B	92321
890-7174-22	SW - 10 (0.5')	Total/NA	Solid	8021B	92321
890-7174-23	SW - 11 (0.5')	Total/NA	Solid	8021B	92321
890-7174-24	SW - 12 (0.5')	Total/NA	Solid	8021B	92321
890-7174-25	SW - 13 (1.5')	Total/NA	Solid	8021B	92321
890-7174-26	SW - 14 (2.0')	Total/NA	Solid	8021B	92321
890-7174-27	SW - 15 (2.0')	Total/NA	Solid	8021B	92321
890-7174-28	SW - 16 (2.0')	Total/NA	Solid	8021B	92321
890-7174-29	SW - 17 (2.0')	Total/NA	Solid	8021B	92321
MB 880-92321/5-A	Method Blank	Total/NA	Solid	8021B	92321
LCS 880-92321/1-A	Lab Control Sample	Total/NA	Solid	8021B	92321
LCSD 880-92321/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	92321
890-7174-21 MS	SW - 9 (0.5')	Total/NA	Solid	8021B	92321
890-7174-21 MSD	SW - 9 (0.5')	Total/NA	Solid	8021B	92321

Analysis Batch: 92318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7174-1	CS - 18 (0.5')	Total/NA	Solid	8021B	92320
890-7174-2	CS - 19 (0.5')	Total/NA	Solid	8021B	92320
890-7174-3	CS - 20 (0.5')	Total/NA	Solid	8021B	92320
890-7174-4	CS - 21 (0.5')	Total/NA	Solid	8021B	92320
890-7174-5	CS - 22 (2.0')	Total/NA	Solid	8021B	92320
890-7174-6	CS - 23 (2.0')	Total/NA	Solid	8021B	92320
890-7174-7	CS - 24 (2.0')	Total/NA	Solid	8021B	92320
890-7174-8	CS - 25 (2.0')	Total/NA	Solid	8021B	92320
890-7174-9	CS - 26 (2.0')	Total/NA	Solid	8021B	92320
890-7174-10	CS - 27 (2.0')	Total/NA	Solid	8021B	92320
MB 880-92320/5-A	Method Blank	Total/NA	Solid	8021B	92320
LCS 880-92320/1-A	Lab Control Sample	Total/NA	Solid	8021B	92320
LCSD 880-92320/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	92320
890-7174-1 MS	CS - 18 (0.5')	Total/NA	Solid	8021B	92320
890-7174-1 MSD	CS - 18 (0.5')	Total/NA	Solid	8021B	92320

Analysis Batch: 92319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7174-11	CS - 28 (2.0')	Total/NA	Solid	8021B	92322
890-7174-12	CS - 29 (2.0')	Total/NA	Solid	8021B	92322
890-7174-13	CS - 30 (2.0')	Total/NA	Solid	8021B	92322
890-7174-14	CS - 31 (2.0')	Total/NA	Solid	8021B	92322
890-7174-15	CS - 32 (2.0')	Total/NA	Solid	8021B	92322
890-7174-16	CS - 33 (2.0')	Total/NA	Solid	8021B	92322
890-7174-17	CS - 34 (2.0')	Total/NA	Solid	8021B	92322
890-7174-18	CS - 35 (2.0')	Total/NA	Solid	8021B	92322
890-7174-19	CS - 36 (2.0')	Total/NA	Solid	8021B	92322
890-7174-20	SW - 8 (3.5')	Total/NA	Solid	8021B	92322
MB 880-92322/5-A	Method Blank	Total/NA	Solid	8021B	92322
LCS 880-92322/1-A	Lab Control Sample	Total/NA	Solid	8021B	92322
LCSD 880-92322/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	92322
890-7174-11 MS	CS - 28 (2.0')	Total/NA	Solid	8021B	92322
890-7174-11 MSD	CS - 28 (2.0')	Total/NA	Solid	8021B	92322

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QC Association Summary

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

GC VOA

Prep Batch: 92320

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7174-1	CS - 18 (0.5')	Total/NA	Solid	5035	
890-7174-2	CS - 19 (0.5')	Total/NA	Solid	5035	
890-7174-3	CS - 20 (0.5')	Total/NA	Solid	5035	
890-7174-4	CS - 21 (0.5')	Total/NA	Solid	5035	
890-7174-5	CS - 22 (2.0')	Total/NA	Solid	5035	
890-7174-6	CS - 23 (2.0')	Total/NA	Solid	5035	
890-7174-7	CS - 24 (2.0')	Total/NA	Solid	5035	
890-7174-8	CS - 25 (2.0')	Total/NA	Solid	5035	
890-7174-9	CS - 26 (2.0')	Total/NA	Solid	5035	
890-7174-10	CS - 27 (2.0')	Total/NA	Solid	5035	
MB 880-92320/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-92320/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-92320/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7174-1 MS	CS - 18 (0.5')	Total/NA	Solid	5035	
890-7174-1 MSD	CS - 18 (0.5')	Total/NA	Solid	5035	

Prep Batch: 92321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7174-21	SW - 9 (0.5')	Total/NA	Solid	5035	
890-7174-22	SW - 10 (0.5')	Total/NA	Solid	5035	
890-7174-23	SW - 11 (0.5')	Total/NA	Solid	5035	
890-7174-24	SW - 12 (0.5')	Total/NA	Solid	5035	
890-7174-25	SW - 13 (1.5')	Total/NA	Solid	5035	
890-7174-26	SW - 14 (2.0')	Total/NA	Solid	5035	
890-7174-27	SW - 15 (2.0')	Total/NA	Solid	5035	
890-7174-28	SW - 16 (2.0')	Total/NA	Solid	5035	
890-7174-29	SW - 17 (2.0')	Total/NA	Solid	5035	
MB 880-92321/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-92321/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-92321/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7174-21 MS	SW - 9 (0.5')	Total/NA	Solid	5035	
890-7174-21 MSD	SW - 9 (0.5')	Total/NA	Solid	5035	

Prep Batch: 92322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7174-11	CS - 28 (2.0')	Total/NA	Solid	5035	
890-7174-12	CS - 29 (2.0')	Total/NA	Solid	5035	
890-7174-13	CS - 30 (2.0')	Total/NA	Solid	5035	
890-7174-14	CS - 31 (2.0')	Total/NA	Solid	5035	
890-7174-15	CS - 32 (2.0')	Total/NA	Solid	5035	
890-7174-16	CS - 33 (2.0')	Total/NA	Solid	5035	
890-7174-17	CS - 34 (2.0')	Total/NA	Solid	5035	
890-7174-18	CS - 35 (2.0')	Total/NA	Solid	5035	
890-7174-19	CS - 36 (2.0')	Total/NA	Solid	5035	
890-7174-20	SW - 8 (3.5')	Total/NA	Solid	5035	
MB 880-92322/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-92322/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-92322/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7174-11 MS	CS - 28 (2.0')	Total/NA	Solid	5035	
890-7174-11 MSD	CS - 28 (2.0')	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

GC VOA

Analysis Batch: 92380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7174-1	CS - 18 (0.5')	Total/NA	Solid	Total BTEX	
890-7174-2	CS - 19 (0.5')	Total/NA	Solid	Total BTEX	
890-7174-3	CS - 20 (0.5')	Total/NA	Solid	Total BTEX	
890-7174-4	CS - 21 (0.5')	Total/NA	Solid	Total BTEX	
890-7174-5	CS - 22 (2.0')	Total/NA	Solid	Total BTEX	
890-7174-6	CS - 23 (2.0')	Total/NA	Solid	Total BTEX	
890-7174-7	CS - 24 (2.0')	Total/NA	Solid	Total BTEX	
890-7174-8	CS - 25 (2.0')	Total/NA	Solid	Total BTEX	
890-7174-9	CS - 26 (2.0')	Total/NA	Solid	Total BTEX	
890-7174-10	CS - 27 (2.0')	Total/NA	Solid	Total BTEX	
890-7174-11	CS - 28 (2.0')	Total/NA	Solid	Total BTEX	
890-7174-12	CS - 29 (2.0')	Total/NA	Solid	Total BTEX	
890-7174-13	CS - 30 (2.0')	Total/NA	Solid	Total BTEX	
890-7174-14	CS - 31 (2.0')	Total/NA	Solid	Total BTEX	
890-7174-15	CS - 32 (2.0')	Total/NA	Solid	Total BTEX	
890-7174-16	CS - 33 (2.0')	Total/NA	Solid	Total BTEX	
890-7174-17	CS - 34 (2.0')	Total/NA	Solid	Total BTEX	
890-7174-18	CS - 35 (2.0')	Total/NA	Solid	Total BTEX	
890-7174-19	CS - 36 (2.0')	Total/NA	Solid	Total BTEX	
890-7174-20	SW - 8 (3.5')	Total/NA	Solid	Total BTEX	
890-7174-21	SW - 9 (0.5')	Total/NA	Solid	Total BTEX	
890-7174-22	SW - 10 (0.5')	Total/NA	Solid	Total BTEX	
890-7174-23	SW - 11 (0.5')	Total/NA	Solid	Total BTEX	
890-7174-24	SW - 12 (0.5')	Total/NA	Solid	Total BTEX	
890-7174-25	SW - 13 (1.5')	Total/NA	Solid	Total BTEX	
890-7174-26	SW - 14 (2.0')	Total/NA	Solid	Total BTEX	
890-7174-27	SW - 15 (2.0')	Total/NA	Solid	Total BTEX	
890-7174-28	SW - 16 (2.0')	Total/NA	Solid	Total BTEX	
890-7174-29	SW - 17 (2.0')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 92132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7174-1	CS - 18 (0.5')	Total/NA	Solid	8015NM Prep	
890-7174-2	CS - 19 (0.5')	Total/NA	Solid	8015NM Prep	
890-7174-3	CS - 20 (0.5')	Total/NA	Solid	8015NM Prep	
890-7174-4	CS - 21 (0.5')	Total/NA	Solid	8015NM Prep	
890-7174-5	CS - 22 (2.0')	Total/NA	Solid	8015NM Prep	
890-7174-6	CS - 23 (2.0')	Total/NA	Solid	8015NM Prep	
890-7174-7	CS - 24 (2.0')	Total/NA	Solid	8015NM Prep	
890-7174-8	CS - 25 (2.0')	Total/NA	Solid	8015NM Prep	
890-7174-9	CS - 26 (2.0')	Total/NA	Solid	8015NM Prep	
890-7174-10	CS - 27 (2.0')	Total/NA	Solid	8015NM Prep	
890-7174-11	CS - 28 (2.0')	Total/NA	Solid	8015NM Prep	
890-7174-12	CS - 29 (2.0')	Total/NA	Solid	8015NM Prep	
890-7174-13	CS - 30 (2.0')	Total/NA	Solid	8015NM Prep	
890-7174-14	CS - 31 (2.0')	Total/NA	Solid	8015NM Prep	
890-7174-15	CS - 32 (2.0')	Total/NA	Solid	8015NM Prep	
890-7174-16	CS - 33 (2.0')	Total/NA	Solid	8015NM Prep	
890-7174-17	CS - 34 (2.0')	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

GC Semi VOA (Continued)

Prep Batch: 92132 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7174-18	CS - 35 (2.0')	Total/NA	Solid	8015NM Prep	
MB 880-92132/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-92132/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-92132/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7174-1 MS	CS - 18 (0.5')	Total/NA	Solid	8015NM Prep	
890-7174-1 MSD	CS - 18 (0.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 92134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7174-19	CS - 36 (2.0')	Total/NA	Solid	8015NM Prep	
890-7174-20	SW - 8 (3.5')	Total/NA	Solid	8015NM Prep	
890-7174-21	SW - 9 (0.5')	Total/NA	Solid	8015NM Prep	
890-7174-22	SW - 10 (0.5')	Total/NA	Solid	8015NM Prep	
890-7174-23	SW - 11 (0.5')	Total/NA	Solid	8015NM Prep	
890-7174-24	SW - 12 (0.5')	Total/NA	Solid	8015NM Prep	
890-7174-25	SW - 13 (1.5')	Total/NA	Solid	8015NM Prep	
890-7174-26	SW - 14 (2.0')	Total/NA	Solid	8015NM Prep	
890-7174-27	SW - 15 (2.0')	Total/NA	Solid	8015NM Prep	
890-7174-28	SW - 16 (2.0')	Total/NA	Solid	8015NM Prep	
890-7174-29	SW - 17 (2.0')	Total/NA	Solid	8015NM Prep	
MB 880-92134/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-92134/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-92134/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7174-19 MS	CS - 36 (2.0')	Total/NA	Solid	8015NM Prep	
890-7174-19 MSD	CS - 36 (2.0')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 92333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7174-1	CS - 18 (0.5')	Total/NA	Solid	8015B NM	92132
890-7174-2	CS - 19 (0.5')	Total/NA	Solid	8015B NM	92132
890-7174-3	CS - 20 (0.5')	Total/NA	Solid	8015B NM	92132
890-7174-4	CS - 21 (0.5')	Total/NA	Solid	8015B NM	92132
890-7174-5	CS - 22 (2.0')	Total/NA	Solid	8015B NM	92132
890-7174-6	CS - 23 (2.0')	Total/NA	Solid	8015B NM	92132
890-7174-7	CS - 24 (2.0')	Total/NA	Solid	8015B NM	92132
890-7174-8	CS - 25 (2.0')	Total/NA	Solid	8015B NM	92132
890-7174-9	CS - 26 (2.0')	Total/NA	Solid	8015B NM	92132
890-7174-10	CS - 27 (2.0')	Total/NA	Solid	8015B NM	92132
890-7174-11	CS - 28 (2.0')	Total/NA	Solid	8015B NM	92132
890-7174-12	CS - 29 (2.0')	Total/NA	Solid	8015B NM	92132
890-7174-13	CS - 30 (2.0')	Total/NA	Solid	8015B NM	92132
890-7174-14	CS - 31 (2.0')	Total/NA	Solid	8015B NM	92132
890-7174-15	CS - 32 (2.0')	Total/NA	Solid	8015B NM	92132
890-7174-16	CS - 33 (2.0')	Total/NA	Solid	8015B NM	92132
890-7174-17	CS - 34 (2.0')	Total/NA	Solid	8015B NM	92132
890-7174-18	CS - 35 (2.0')	Total/NA	Solid	8015B NM	92132
MB 880-92132/1-A	Method Blank	Total/NA	Solid	8015B NM	92132
LCS 880-92132/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	92132
LCSD 880-92132/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	92132
890-7174-1 MS	CS - 18 (0.5')	Total/NA	Solid	8015B NM	92132
890-7174-1 MSD	CS - 18 (0.5')	Total/NA	Solid	8015B NM	92132

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QC Association Summary

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

GC Semi VOA

Analysis Batch: 92335

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7174-19	CS - 36 (2.0')	Total/NA	Solid	8015B NM	92134
890-7174-20	SW - 8 (3.5')	Total/NA	Solid	8015B NM	92134
890-7174-21	SW - 9 (0.5')	Total/NA	Solid	8015B NM	92134
890-7174-22	SW - 10 (0.5')	Total/NA	Solid	8015B NM	92134
890-7174-23	SW - 11 (0.5')	Total/NA	Solid	8015B NM	92134
890-7174-24	SW - 12 (0.5')	Total/NA	Solid	8015B NM	92134
890-7174-25	SW - 13 (1.5')	Total/NA	Solid	8015B NM	92134
890-7174-26	SW - 14 (2.0')	Total/NA	Solid	8015B NM	92134
890-7174-27	SW - 15 (2.0')	Total/NA	Solid	8015B NM	92134
890-7174-28	SW - 16 (2.0')	Total/NA	Solid	8015B NM	92134
890-7174-29	SW - 17 (2.0')	Total/NA	Solid	8015B NM	92134
MB 880-92134/1-A	Method Blank	Total/NA	Solid	8015B NM	92134
LCS 880-92134/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	92134
LCSD 880-92134/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	92134
890-7174-19 MS	CS - 36 (2.0')	Total/NA	Solid	8015B NM	92134
890-7174-19 MSD	CS - 36 (2.0')	Total/NA	Solid	8015B NM	92134

Analysis Batch: 92422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7174-1	CS - 18 (0.5')	Total/NA	Solid	8015 NM	
890-7174-2	CS - 19 (0.5')	Total/NA	Solid	8015 NM	
890-7174-3	CS - 20 (0.5')	Total/NA	Solid	8015 NM	
890-7174-4	CS - 21 (0.5')	Total/NA	Solid	8015 NM	
890-7174-5	CS - 22 (2.0')	Total/NA	Solid	8015 NM	
890-7174-6	CS - 23 (2.0')	Total/NA	Solid	8015 NM	
890-7174-7	CS - 24 (2.0')	Total/NA	Solid	8015 NM	
890-7174-8	CS - 25 (2.0')	Total/NA	Solid	8015 NM	
890-7174-9	CS - 26 (2.0')	Total/NA	Solid	8015 NM	
890-7174-10	CS - 27 (2.0')	Total/NA	Solid	8015 NM	
890-7174-11	CS - 28 (2.0')	Total/NA	Solid	8015 NM	
890-7174-12	CS - 29 (2.0')	Total/NA	Solid	8015 NM	
890-7174-13	CS - 30 (2.0')	Total/NA	Solid	8015 NM	
890-7174-14	CS - 31 (2.0')	Total/NA	Solid	8015 NM	
890-7174-15	CS - 32 (2.0')	Total/NA	Solid	8015 NM	
890-7174-16	CS - 33 (2.0')	Total/NA	Solid	8015 NM	
890-7174-17	CS - 34 (2.0')	Total/NA	Solid	8015 NM	
890-7174-18	CS - 35 (2.0')	Total/NA	Solid	8015 NM	
890-7174-19	CS - 36 (2.0')	Total/NA	Solid	8015 NM	
890-7174-20	SW - 8 (3.5')	Total/NA	Solid	8015 NM	
890-7174-21	SW - 9 (0.5')	Total/NA	Solid	8015 NM	
890-7174-22	SW - 10 (0.5')	Total/NA	Solid	8015 NM	
890-7174-23	SW - 11 (0.5')	Total/NA	Solid	8015 NM	
890-7174-24	SW - 12 (0.5')	Total/NA	Solid	8015 NM	
890-7174-25	SW - 13 (1.5')	Total/NA	Solid	8015 NM	
890-7174-26	SW - 14 (2.0')	Total/NA	Solid	8015 NM	
890-7174-27	SW - 15 (2.0')	Total/NA	Solid	8015 NM	
890-7174-28	SW - 16 (2.0')	Total/NA	Solid	8015 NM	
890-7174-29	SW - 17 (2.0')	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

HPLC/IC

Leach Batch: 92306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7174-1	CS - 18 (0.5')	Soluble	Solid	DI Leach	
890-7174-2	CS - 19 (0.5')	Soluble	Solid	DI Leach	
890-7174-3	CS - 20 (0.5')	Soluble	Solid	DI Leach	
890-7174-4	CS - 21 (0.5')	Soluble	Solid	DI Leach	
890-7174-5	CS - 22 (2.0')	Soluble	Solid	DI Leach	
890-7174-6	CS - 23 (2.0')	Soluble	Solid	DI Leach	
890-7174-7	CS - 24 (2.0')	Soluble	Solid	DI Leach	
MB 880-92306/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-92306/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-92306/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-49234-A-4-B MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	
880-49234-A-4-C MS	Matrix Spike	Soluble	Solid	DI Leach	

Leach Batch: 92307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7174-8	CS - 25 (2.0')	Soluble	Solid	DI Leach	
890-7174-9	CS - 26 (2.0')	Soluble	Solid	DI Leach	
890-7174-10	CS - 27 (2.0')	Soluble	Solid	DI Leach	
890-7174-11	CS - 28 (2.0')	Soluble	Solid	DI Leach	
890-7174-12	CS - 29 (2.0')	Soluble	Solid	DI Leach	
890-7174-13	CS - 30 (2.0')	Soluble	Solid	DI Leach	
890-7174-14	CS - 31 (2.0')	Soluble	Solid	DI Leach	
890-7174-15	CS - 32 (2.0')	Soluble	Solid	DI Leach	
890-7174-16	CS - 33 (2.0')	Soluble	Solid	DI Leach	
890-7174-17	CS - 34 (2.0')	Soluble	Solid	DI Leach	
890-7174-18	CS - 35 (2.0')	Soluble	Solid	DI Leach	
890-7174-19	CS - 36 (2.0')	Soluble	Solid	DI Leach	
890-7174-20	SW - 8 (3.5')	Soluble	Solid	DI Leach	
890-7174-21	SW - 9 (0.5')	Soluble	Solid	DI Leach	
890-7174-22	SW - 10 (0.5')	Soluble	Solid	DI Leach	
890-7174-23	SW - 11 (0.5')	Soluble	Solid	DI Leach	
890-7174-24	SW - 12 (0.5')	Soluble	Solid	DI Leach	
890-7174-25	SW - 13 (1.5')	Soluble	Solid	DI Leach	
890-7174-26	SW - 14 (2.0')	Soluble	Solid	DI Leach	
890-7174-27	SW - 15 (2.0')	Soluble	Solid	DI Leach	
MB 880-92307/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-92307/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-92307/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7174-8 MS	CS - 25 (2.0')	Soluble	Solid	DI Leach	
890-7174-8 MSD	CS - 25 (2.0')	Soluble	Solid	DI Leach	
890-7174-18 MS	CS - 35 (2.0')	Soluble	Solid	DI Leach	
890-7174-18 MSD	CS - 35 (2.0')	Soluble	Solid	DI Leach	

Leach Batch: 92325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7174-28	SW - 16 (2.0')	Soluble	Solid	DI Leach	
890-7174-29	SW - 17 (2.0')	Soluble	Solid	DI Leach	
MB 880-92325/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-92325/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-92325/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7174-28 MS	SW - 16 (2.0')	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Carmona Resources

Job ID: 890-7174-1

Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

SDG: 2483

HPLC/IC (Continued)

Leach Batch: 92325 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7174-28 MSD	SW - 16 (2.0')	Soluble	Solid	DI Leach	

Analysis Batch: 92327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7174-1	CS - 18 (0.5')	Soluble	Solid	300.0	92306
890-7174-2	CS - 19 (0.5')	Soluble	Solid	300.0	92306
890-7174-3	CS - 20 (0.5')	Soluble	Solid	300.0	92306
890-7174-4	CS - 21 (0.5')	Soluble	Solid	300.0	92306
890-7174-5	CS - 22 (2.0')	Soluble	Solid	300.0	92306
890-7174-6	CS - 23 (2.0')	Soluble	Solid	300.0	92306
890-7174-7	CS - 24 (2.0')	Soluble	Solid	300.0	92306
MB 880-92306/1-A	Method Blank	Soluble	Solid	300.0	92306
LCS 880-92306/2-A	Lab Control Sample	Soluble	Solid	300.0	92306
LCSD 880-92306/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	92306
880-49234-A-4-B MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	92306
880-49234-A-4-C MS	Matrix Spike	Soluble	Solid	300.0	92306

Analysis Batch: 92328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7174-8	CS - 25 (2.0')	Soluble	Solid	300.0	92307
890-7174-9	CS - 26 (2.0')	Soluble	Solid	300.0	92307
890-7174-10	CS - 27 (2.0')	Soluble	Solid	300.0	92307
890-7174-11	CS - 28 (2.0')	Soluble	Solid	300.0	92307
890-7174-12	CS - 29 (2.0')	Soluble	Solid	300.0	92307
890-7174-13	CS - 30 (2.0')	Soluble	Solid	300.0	92307
890-7174-14	CS - 31 (2.0')	Soluble	Solid	300.0	92307
890-7174-15	CS - 32 (2.0')	Soluble	Solid	300.0	92307
890-7174-16	CS - 33 (2.0')	Soluble	Solid	300.0	92307
890-7174-17	CS - 34 (2.0')	Soluble	Solid	300.0	92307
890-7174-18	CS - 35 (2.0')	Soluble	Solid	300.0	92307
890-7174-19	CS - 36 (2.0')	Soluble	Solid	300.0	92307
890-7174-20	SW - 8 (3.5')	Soluble	Solid	300.0	92307
890-7174-21	SW - 9 (0.5')	Soluble	Solid	300.0	92307
890-7174-22	SW - 10 (0.5')	Soluble	Solid	300.0	92307
890-7174-23	SW - 11 (0.5')	Soluble	Solid	300.0	92307
890-7174-24	SW - 12 (0.5')	Soluble	Solid	300.0	92307
890-7174-25	SW - 13 (1.5')	Soluble	Solid	300.0	92307
890-7174-26	SW - 14 (2.0')	Soluble	Solid	300.0	92307
890-7174-27	SW - 15 (2.0')	Soluble	Solid	300.0	92307
MB 880-92307/1-A	Method Blank	Soluble	Solid	300.0	92307
LCS 880-92307/2-A	Lab Control Sample	Soluble	Solid	300.0	92307
LCSD 880-92307/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	92307
890-7174-8 MS	CS - 25 (2.0')	Soluble	Solid	300.0	92307
890-7174-8 MSD	CS - 25 (2.0')	Soluble	Solid	300.0	92307
890-7174-18 MS	CS - 35 (2.0')	Soluble	Solid	300.0	92307
890-7174-18 MSD	CS - 35 (2.0')	Soluble	Solid	300.0	92307

Analysis Batch: 92332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7174-28	SW - 16 (2.0')	Soluble	Solid	300.0	92325
890-7174-29	SW - 17 (2.0')	Soluble	Solid	300.0	92325

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QC Association Summary

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

HPLC/IC (Continued)

Analysis Batch: 92332 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-92325/1-A	Method Blank	Soluble	Solid	300.0	92325
LCS 880-92325/2-A	Lab Control Sample	Soluble	Solid	300.0	92325
LCSD 880-92325/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	92325
890-7174-28 MS	SW - 16 (2.0')	Soluble	Solid	300.0	92325
890-7174-28 MSD	SW - 16 (2.0')	Soluble	Solid	300.0	92325

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- 14

Lab Chronicle

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Client Sample ID: CS - 18 (0.5')

Lab Sample ID: 890-7174-1

Date Collected: 09/30/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	92320	10/02/24 08:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92318	10/02/24 11:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92380	10/02/24 11:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			92422	10/02/24 12:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	92132	09/30/24 12:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92333	10/02/24 12:13	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	92306	10/02/24 07:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92327	10/02/24 11:48	CH	EET MID

Client Sample ID: CS - 19 (0.5')

Lab Sample ID: 890-7174-2

Date Collected: 09/30/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	92320	10/02/24 08:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92318	10/02/24 11:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92380	10/02/24 11:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			92422	10/02/24 13:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	92132	09/30/24 12:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92333	10/02/24 13:02	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	92306	10/02/24 07:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92327	10/02/24 11:54	CH	EET MID

Client Sample ID: CS - 20 (0.5')

Lab Sample ID: 890-7174-3

Date Collected: 09/30/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	92320	10/02/24 08:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92318	10/02/24 12:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92380	10/02/24 12:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			92422	10/02/24 13:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	92132	09/30/24 12:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92333	10/02/24 13:19	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	92306	10/02/24 07:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92327	10/02/24 11:59	CH	EET MID

Client Sample ID: CS - 21 (0.5')

Lab Sample ID: 890-7174-4

Date Collected: 09/30/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	92320	10/02/24 08:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92318	10/02/24 12:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92380	10/02/24 12:31	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Client Sample ID: CS - 21 (0.5')

Lab Sample ID: 890-7174-4

Date Collected: 09/30/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			92422	10/02/24 13:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	92132	09/30/24 12:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92333	10/02/24 13:36	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	92306	10/02/24 07:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92327	10/02/24 12:04	CH	EET MID

Client Sample ID: CS - 22 (2.0')

Lab Sample ID: 890-7174-5

Date Collected: 10/01/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	92320	10/02/24 08:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92318	10/02/24 12:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92380	10/02/24 12:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			92422	10/02/24 13:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	92132	09/30/24 12:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92333	10/02/24 13:52	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92306	10/02/24 07:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92327	10/02/24 12:10	CH	EET MID

Client Sample ID: CS - 23 (2.0')

Lab Sample ID: 890-7174-6

Date Collected: 10/01/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	92320	10/02/24 08:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92318	10/02/24 13:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92380	10/02/24 13:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			92422	10/02/24 14:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	92132	09/30/24 12:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92333	10/02/24 14:09	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	92306	10/02/24 07:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92327	10/02/24 12:15	CH	EET MID

Client Sample ID: CS - 24 (2.0')

Lab Sample ID: 890-7174-7

Date Collected: 10/01/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	92320	10/02/24 08:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92318	10/02/24 13:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92380	10/02/24 13:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			92422	10/02/24 14:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	92132	09/30/24 12:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92333	10/02/24 14:26	SM	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Client Sample ID: CS - 24 (2.0')
Date Collected: 10/01/24 00:00
Date Received: 10/01/24 13:39

Lab Sample ID: 890-7174-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	92306	10/02/24 07:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92327	10/02/24 12:20	CH	EET MID

Client Sample ID: CS - 25 (2.0')
Date Collected: 10/01/24 00:00
Date Received: 10/01/24 13:39

Lab Sample ID: 890-7174-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	92320	10/02/24 08:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92318	10/02/24 13:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92380	10/02/24 13:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			92422	10/02/24 14:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	92132	09/30/24 12:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92333	10/02/24 14:43	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	92307	10/02/24 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92328	10/02/24 10:43	CH	EET MID

Client Sample ID: CS - 26 (2.0')
Date Collected: 10/01/24 00:00
Date Received: 10/01/24 13:39

Lab Sample ID: 890-7174-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	92320	10/02/24 08:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92318	10/02/24 14:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92380	10/02/24 14:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			92422	10/02/24 15:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	92132	09/30/24 12:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92333	10/02/24 15:00	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	92307	10/02/24 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92328	10/02/24 11:02	CH	EET MID

Client Sample ID: CS - 27 (2.0')
Date Collected: 10/01/24 00:00
Date Received: 10/01/24 13:39

Lab Sample ID: 890-7174-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	92320	10/02/24 08:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92318	10/02/24 14:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92380	10/02/24 14:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			92422	10/02/24 15:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	92132	09/30/24 12:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92333	10/02/24 15:17	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	92307	10/02/24 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92328	10/02/24 11:08	CH	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Client Sample ID: CS - 28 (2.0')

Lab Sample ID: 890-7174-11

Date Collected: 10/01/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	92322	10/02/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92319	10/02/24 11:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92380	10/02/24 11:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			92422	10/02/24 15:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	92132	09/30/24 12:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92333	10/02/24 15:51	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	92307	10/02/24 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92328	10/02/24 11:15	CH	EET MID

Client Sample ID: CS - 29 (2.0')

Lab Sample ID: 890-7174-12

Date Collected: 10/01/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	92322	10/02/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92319	10/02/24 12:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92380	10/02/24 12:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			92422	10/02/24 16:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10.00 mL	92132	09/30/24 12:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92333	10/02/24 16:08	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92307	10/02/24 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92328	10/02/24 11:21	CH	EET MID

Client Sample ID: CS - 30 (2.0')

Lab Sample ID: 890-7174-13

Date Collected: 10/01/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	92322	10/02/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92319	10/02/24 12:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92380	10/02/24 12:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			92422	10/02/24 16:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	92132	09/30/24 12:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92333	10/02/24 16:26	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	92307	10/02/24 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92328	10/02/24 11:40	CH	EET MID

Client Sample ID: CS - 31 (2.0')

Lab Sample ID: 890-7174-14

Date Collected: 10/01/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	92322	10/02/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92319	10/02/24 12:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92380	10/02/24 12:42	SM	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Client Sample ID: CS - 31 (2.0')

Lab Sample ID: 890-7174-14

Date Collected: 10/01/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			92422	10/02/24 16:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	92132	09/30/24 12:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92333	10/02/24 16:43	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	92307	10/02/24 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92328	10/02/24 11:47	CH	EET MID

Client Sample ID: CS - 32 (2.0')

Lab Sample ID: 890-7174-15

Date Collected: 10/01/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	92322	10/02/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92319	10/02/24 13:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92380	10/02/24 13:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			92422	10/02/24 17:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	92132	09/30/24 12:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92333	10/02/24 17:00	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	92307	10/02/24 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92328	10/02/24 11:53	CH	EET MID

Client Sample ID: CS - 33 (2.0')

Lab Sample ID: 890-7174-16

Date Collected: 10/01/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	92322	10/02/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92319	10/02/24 13:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92380	10/02/24 13:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			92422	10/02/24 17:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	92132	09/30/24 12:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92333	10/02/24 17:17	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	92307	10/02/24 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92328	10/02/24 11:59	CH	EET MID

Client Sample ID: CS - 34 (2.0')

Lab Sample ID: 890-7174-17

Date Collected: 10/01/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	92322	10/02/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92319	10/02/24 13:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92380	10/02/24 13:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			92422	10/02/24 17:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	92132	09/30/24 12:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92333	10/02/24 17:34	SM	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Client Sample ID: CS - 34 (2.0')

Lab Sample ID: 890-7174-17

Date Collected: 10/01/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	92307	10/02/24 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92328	10/02/24 12:06	CH	EET MID

Client Sample ID: CS - 35 (2.0')

Lab Sample ID: 890-7174-18

Date Collected: 10/01/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	92322	10/02/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92319	10/02/24 14:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92380	10/02/24 14:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			92422	10/02/24 17:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	92132	09/30/24 12:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92333	10/02/24 17:51	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	92307	10/02/24 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92328	10/02/24 12:12	CH	EET MID

Client Sample ID: CS - 36 (2.0')

Lab Sample ID: 890-7174-19

Date Collected: 10/01/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	92322	10/02/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92319	10/02/24 14:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92380	10/02/24 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			92422	10/02/24 12:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	92134	09/30/24 12:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92335	10/02/24 12:13	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92307	10/02/24 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92328	10/02/24 12:31	CH	EET MID

Client Sample ID: SW - 8 (3.5')

Lab Sample ID: 890-7174-20

Date Collected: 09/30/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	92322	10/02/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92319	10/02/24 14:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92380	10/02/24 14:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			92422	10/02/24 13:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	92134	09/30/24 12:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92335	10/02/24 13:02	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	92307	10/02/24 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92328	10/02/24 12:38	CH	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Client Sample ID: SW - 9 (0.5')

Lab Sample ID: 890-7174-21

Date Collected: 09/30/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	92321	10/02/24 08:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92317	10/02/24 12:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92380	10/02/24 12:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			92422	10/02/24 13:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	92134	09/30/24 12:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92335	10/02/24 13:19	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	92307	10/02/24 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92328	10/02/24 12:57	CH	EET MID

Client Sample ID: SW - 10 (0.5')

Lab Sample ID: 890-7174-22

Date Collected: 09/30/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	92321	10/02/24 08:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92317	10/02/24 13:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92380	10/02/24 13:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			92422	10/02/24 13:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	92134	09/30/24 12:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92335	10/02/24 13:36	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92307	10/02/24 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92328	10/02/24 13:03	CH	EET MID

Client Sample ID: SW - 11 (0.5')

Lab Sample ID: 890-7174-23

Date Collected: 09/30/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	92321	10/02/24 08:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92317	10/02/24 13:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92380	10/02/24 13:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			92422	10/02/24 13:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	92134	09/30/24 12:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92335	10/02/24 13:52	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	92307	10/02/24 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92328	10/02/24 13:10	CH	EET MID

Client Sample ID: SW - 12 (0.5')

Lab Sample ID: 890-7174-24

Date Collected: 09/30/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	92321	10/02/24 08:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92317	10/02/24 13:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92380	10/02/24 13:43	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Client Sample ID: SW - 12 (0.5')

Lab Sample ID: 890-7174-24

Date Collected: 09/30/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			92422	10/02/24 14:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	92134	09/30/24 12:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92335	10/02/24 14:09	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	92307	10/02/24 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92328	10/02/24 13:16	CH	EET MID

Client Sample ID: SW - 13 (1.5')

Lab Sample ID: 890-7174-25

Date Collected: 09/30/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	92321	10/02/24 08:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92317	10/02/24 14:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92380	10/02/24 14:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			92422	10/02/24 14:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	92134	09/30/24 12:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92335	10/02/24 14:26	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	92307	10/02/24 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92328	10/02/24 13:22	CH	EET MID

Client Sample ID: SW - 14 (2.0')

Lab Sample ID: 890-7174-26

Date Collected: 10/01/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	92321	10/02/24 08:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92317	10/02/24 14:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92380	10/02/24 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			92422	10/02/24 14:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10.00 mL	92134	09/30/24 12:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92335	10/02/24 14:43	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	92307	10/02/24 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92328	10/02/24 13:29	CH	EET MID

Client Sample ID: SW - 15 (2.0')

Lab Sample ID: 890-7174-27

Date Collected: 10/01/24 00:00

Matrix: Solid

Date Received: 10/01/24 13:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	92321	10/02/24 08:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92317	10/02/24 15:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92380	10/02/24 15:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			92422	10/02/24 15:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	92134	09/30/24 12:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92335	10/02/24 15:00	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Client Sample ID: SW - 15 (2.0')
Date Collected: 10/01/24 00:00
Date Received: 10/01/24 13:39

Lab Sample ID: 890-7174-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	92307	10/02/24 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92328	10/02/24 13:35	CH	EET MID

Client Sample ID: SW - 16 (2.0')
Date Collected: 10/01/24 00:00
Date Received: 10/01/24 13:39

Lab Sample ID: 890-7174-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	92321	10/02/24 08:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92317	10/02/24 14:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92380	10/02/24 14:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			92422	10/02/24 15:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	92134	09/30/24 12:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92335	10/02/24 15:17	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92325	10/02/24 09:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92332	10/02/24 13:04	CH	EET MID

Client Sample ID: SW - 17 (2.0')
Date Collected: 10/01/24 00:00
Date Received: 10/01/24 13:39

Lab Sample ID: 890-7174-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	92321	10/02/24 08:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92317	10/02/24 15:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92380	10/02/24 15:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			92422	10/02/24 15:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	92134	09/30/24 12:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92335	10/02/24 15:51	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	92325	10/02/24 09:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92332	10/02/24 13:20	CH	EET MID

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7174-1
SDG: 2483

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-7174-1	CS - 18 (0.5')	Solid	09/30/24 00:00	10/01/24 13:39
890-7174-2	CS - 19 (0.5')	Solid	09/30/24 00:00	10/01/24 13:39
890-7174-3	CS - 20 (0.5')	Solid	09/30/24 00:00	10/01/24 13:39
890-7174-4	CS - 21 (0.5')	Solid	09/30/24 00:00	10/01/24 13:39
890-7174-5	CS - 22 (2.0')	Solid	10/01/24 00:00	10/01/24 13:39
890-7174-6	CS - 23 (2.0')	Solid	10/01/24 00:00	10/01/24 13:39
890-7174-7	CS - 24 (2.0')	Solid	10/01/24 00:00	10/01/24 13:39
890-7174-8	CS - 25 (2.0')	Solid	10/01/24 00:00	10/01/24 13:39
890-7174-9	CS - 26 (2.0')	Solid	10/01/24 00:00	10/01/24 13:39
890-7174-10	CS - 27 (2.0')	Solid	10/01/24 00:00	10/01/24 13:39
890-7174-11	CS - 28 (2.0')	Solid	10/01/24 00:00	10/01/24 13:39
890-7174-12	CS - 29 (2.0')	Solid	10/01/24 00:00	10/01/24 13:39
890-7174-13	CS - 30 (2.0')	Solid	10/01/24 00:00	10/01/24 13:39
890-7174-14	CS - 31 (2.0')	Solid	10/01/24 00:00	10/01/24 13:39
890-7174-15	CS - 32 (2.0')	Solid	10/01/24 00:00	10/01/24 13:39
890-7174-16	CS - 33 (2.0')	Solid	10/01/24 00:00	10/01/24 13:39
890-7174-17	CS - 34 (2.0')	Solid	10/01/24 00:00	10/01/24 13:39
890-7174-18	CS - 35 (2.0')	Solid	10/01/24 00:00	10/01/24 13:39
890-7174-19	CS - 36 (2.0')	Solid	10/01/24 00:00	10/01/24 13:39
890-7174-20	SW - 8 (3.5')	Solid	09/30/24 00:00	10/01/24 13:39
890-7174-21	SW - 9 (0.5')	Solid	09/30/24 00:00	10/01/24 13:39
890-7174-22	SW - 10 (0.5')	Solid	09/30/24 00:00	10/01/24 13:39
890-7174-23	SW - 11 (0.5')	Solid	09/30/24 00:00	10/01/24 13:39
890-7174-24	SW - 12 (0.5')	Solid	09/30/24 00:00	10/01/24 13:39
890-7174-25	SW - 13 (1.5')	Solid	09/30/24 00:00	10/01/24 13:39
890-7174-26	SW - 14 (2.0')	Solid	10/01/24 00:00	10/01/24 13:39
890-7174-27	SW - 15 (2.0')	Solid	10/01/24 00:00	10/01/24 13:39
890-7174-28	SW - 16 (2.0')	Solid	10/01/24 00:00	10/01/24 13:39
890-7174-29	SW - 17 (2.0')	Solid	10/01/24 00:00	10/01/24 13:39

Work Order No:

Page 1 of 3

Project Manager:	Ashton Thielke	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 West Wall Ste. 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-8988	Email:	ThielkeA@Carmonaresources.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

[illegible][illegible]

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		10/1 139			

Revised Date 05/01/2020 Rev 2020

Chain of Custody

Work Order No: _____

Page 2 of 3

Project Manager:	Ashton Thielke	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 West Wall Ste. 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-8988	Email:	ThielkeA@Carmonaresources.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting Level I ☐ Level II ☐ Level III ☐ PST/UST ☐ PRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:	Onsuez 1B Battery (07.08.2024)	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:	2483	☐ Routine ☒ Rush														None: NO	DI Water: H ₂ O
Project Location:	Eddy Co. NM	Due Date:	24 Hour													Cool: Cool	MeOH: Me
Sampler's Name:	GPJ	TAT starts the day received by the lab, if received by 4:30pm														HCL: HC	HNO ₃ : HN
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank: ☒ Yes ☒ No	Wet Ice: ☒ Yes ☒ No	Parameters													H ₃ PO ₄ : HP	
Received Intact:	☒ Yes ☒ No	Thermometer ID:														NaHSO ₄ : NABIS	
Cooler Custody Seals:	☒ Yes ☒ No	Correction Factor:														Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	☒ Yes ☒ No	Temperature Reading:														Zn Acetate+NaOH: Zn	
Total Containers:		Corrected Temperature:														NaOH+Ascorbic Acid: SAPC	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments
CS-28 (2.0')	10/1/2024		X		Comp	1	X	X	X								
CS-29 (2.0')	10/1/2024		X		Comp	1	X	X	X								
CS-30 (2.0')	10/1/2024		X		Comp	1	X	X	X								
CS-31 (2.0')	10/1/2024		X		Comp	1	X	X	X								
CS-32 (2.0')	10/1/2024		X		Comp	1	X	X	X								
CS-33 (2.0')	10/1/2024		X		Comp	1	X	X	X								
CS-34 (2.0')	10/1/2024		X		Comp	1	X	X	X								
CS-35 (2.0')	10/1/2024		X		Comp	1	X	X	X								
CS-36 (2.0')	10/1/2024		X		Comp	1	X	X	X								
SW-8 (3.5')	9/30/2024		X		Comp	1	X	X	X								

Please send results to cmoehing@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		10/1 1 39			

Chain of Custody

Work Order No: _____

Page 3 of 3

Project Manager:	Ashton Thielke	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 West Wall Ste. 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-8988	Email:	ThielkeA@Carmonaresources.com
Work Order Comments			
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐			
State of Project:			
Reporting Level: I ☐ Level II ☐ Level III ☐ PST/UST ☐ PRP ☐ Level IV ☐			
Deliverables: EDD ☐ ADAPT ☐ Other: _____			

Project Name:	Onsuez 1B Battery (07.08.2024)	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	2483	☐ Routine	☒ Rush														None: NO	DI Water: H ₂ O	
Project Location:	Eddy Co. NM	Due Date:	24 Hour														Cool: Cool	MeOH: Me	
Sampler's Name:	GPJ	TAT starts the day received by the lab, if received by 4:30pm															HCL: HC	HNO ₃ : HN	
PO #:		Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐													H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT		Received Intact:	Yes ☒ No ☐	Thermometer ID:	Turner													H ₃ PO ₄ : HP	
Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor:		Temperature Reading:	5.6													NaHSO ₄ : NABIS	
Sample Custody Seals:	Yes ☒ No ☐	Corrected Temperature:	5.4													Na ₂ S ₂ O ₃ : NaSO ₃			
Total Containers:																Zn Acetate+NaOH: Zn			
																NaOH+Ascorbic Acid: SAPC			
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
SW-9 (0.5')	9/30/2024		X		Comp	1	X	X	X										
SW-10 (0.5')	9/30/2024		X		Comp	1	X	X	X										
SW-11 (0.5')	9/30/2024		X		Comp	1	X	X	X										
SW-12 (0.5')	9/30/2024		X		Comp	1	X	X	X										
SW-13 (1.5')	9/30/2024		X		Comp	1	X	X	X										
SW-14 (2.0')	10/1/2024		X		Comp	1	X	X	X										
SW-15 (2.0')	10/1/2024		X		Comp	1	X	X	X										
SW-16 (2.0')	10/1/2024		X		Comp	1	X	X	X										
SW-17 (2.0')	10/1/2024		X		Comp	1	X	X	X										

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		10/1/2024 1:39			

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-7174-1

SDG Number: 2483

Login Number: 7174

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-7174-1
SDG Number: 2483

Login Number: 7174
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 10/01/24 08:32 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Ashton Thielke
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 9/30/2024 10:55:29 AM

JOB DESCRIPTION

ONSUREZ 1B BATTERY (07.08.2024)
2483

JOB NUMBER

890-7170-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
9/30/2024 10:55:29 AM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Laboratory Job ID: 890-7170-1
SDG: 2483

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	12
Lab Chronicle	14
Certification Summary	15
Method Summary	16
Sample Summary	17
Chain of Custody	18
Receipt Checklists	19

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7170-1
SDG: 2483

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources
Project: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7170-1

Job ID: 890-7170-1

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Job Narrative
890-7170-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The sample was received on 9/26/2024 4:07 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following sample was received and analyzed from an unpreserved bulk soil jar: ONSUREZ PIT (890-7170-1).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-91911 and analytical batch 880-91882 was outside the upper control limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-91868 and analytical batch 880-91875 was outside the upper control limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7170-1
SDG: 2483

Client Sample ID: ONSUREZ PIT
Date Collected: 09/25/24 00:00
Date Received: 09/26/24 16:07

Lab Sample ID: 890-7170-1
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:47	09/27/24 19:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:47	09/27/24 19:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:47	09/27/24 19:48	1
m-Xylene & p-Xylene	0.00488		0.00401		mg/Kg		09/27/24 09:47	09/27/24 19:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:47	09/27/24 19:48	1
Xylenes, Total	0.00488		0.00401		mg/Kg		09/27/24 09:47	09/27/24 19:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				09/27/24 09:47	09/27/24 19:48	1
1,4-Difluorobenzene (Surr)	112		70 - 130				09/27/24 09:47	09/27/24 19:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00488		0.00401		mg/Kg			09/27/24 19:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/28/24 00:42	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/26/24 21:23	09/28/24 00:42	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/26/24 21:23	09/28/24 00:42	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/26/24 21:23	09/28/24 00:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				09/26/24 21:23	09/28/24 00:42	1
o-Terphenyl	123		70 - 130				09/26/24 21:23	09/28/24 00:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	70.1		5.05		mg/Kg			09/27/24 11:59	1

Surrogate Summary

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7170-1
SDG: 2483

Method: 8021B - Volatile Organic Compounds (GC)
Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-7167-A-21-E MS	Matrix Spike	115	93
890-7167-A-21-F MSD	Matrix Spike Duplicate	117	93
890-7170-1	ONSUREZ PIT	128	112
LCS 880-91911/1-A	Lab Control Sample	106	98
LCSD 880-91911/2-A	Lab Control Sample Dup	119	96
MB 880-91911/5-A	Method Blank	145 S1+	91
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)
Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7169-A-1-B MS	Matrix Spike	113	107
890-7169-A-1-C MSD	Matrix Spike Duplicate	105	101
890-7170-1	ONSUREZ PIT	119	123
LCS 880-91868/2-A	Lab Control Sample	91	89
LCSD 880-91868/3-A	Lab Control Sample Dup	85	85
MB 880-91868/1-A	Method Blank	130	148 S1+
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7170-1
SDG: 2483

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-91911/5-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 91882							Prep Batch: 91911		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:47	09/27/24 11:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:47	09/27/24 11:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:47	09/27/24 11:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/27/24 09:47	09/27/24 11:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:47	09/27/24 11:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/27/24 09:47	09/27/24 11:41	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130				09/27/24 09:47	09/27/24 11:41	1
1,4-Difluorobenzene (Surr)	91		70 - 130				09/27/24 09:47	09/27/24 11:41	1

Lab Sample ID: LCS 880-91911/1-A							Client Sample ID: Lab Control Sample		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 91882							Prep Batch: 91911		
Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene		0.100	0.09628		mg/Kg		96	70 - 130	
Toluene		0.100	0.09335		mg/Kg		93	70 - 130	
Ethylbenzene		0.100	0.1019		mg/Kg		102	70 - 130	
m-Xylene & p-Xylene		0.200	0.2310		mg/Kg		116	70 - 130	
o-Xylene		0.100	0.1052		mg/Kg		105	70 - 130	
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	106		70 - 130						
1,4-Difluorobenzene (Surr)	98		70 - 130						

Lab Sample ID: LCSD 880-91911/2-A							Client Sample ID: Lab Control Sample Dup			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 91882							Prep Batch: 91911			
Analyte		Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene		0.100	0.09637		mg/Kg		96	70 - 130	0	35
Toluene		0.100	0.09687		mg/Kg		97	70 - 130	4	35
Ethylbenzene		0.100	0.1191		mg/Kg		119	70 - 130	16	35
m-Xylene & p-Xylene		0.200	0.2540		mg/Kg		127	70 - 130	9	35
o-Xylene		0.100	0.1132		mg/Kg		113	70 - 130	7	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits							
4-Bromofluorobenzene (Surr)	119		70 - 130							
1,4-Difluorobenzene (Surr)	96		70 - 130							

Lab Sample ID: 890-7167-A-21-E MS							Client Sample ID: Matrix Spike		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 91882							Prep Batch: 91911		
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.07898		mg/Kg		79	70 - 130
Toluene	<0.00201	U	0.100	0.07882		mg/Kg		79	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7170-1
SDG: 2483

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-7167-A-21-E MS
Matrix: Solid
Analysis Batch: 91882

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 91911

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.100	0.09058		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2048		mg/Kg		101	70 - 130
o-Xylene	<0.00201	U	0.100	0.09516		mg/Kg		93	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	115		70 - 130						
1,4-Difluorobenzene (Surr)	93		70 - 130						

Lab Sample ID: 890-7167-A-21-F MSD
Matrix: Solid
Analysis Batch: 91882

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 91911

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.09211		mg/Kg		92	70 - 130	15	35
Toluene	<0.00201	U	0.100	0.09060		mg/Kg		91	70 - 130	14	35
Ethylbenzene	<0.00201	U	0.100	0.09620		mg/Kg		96	70 - 130	6	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2132		mg/Kg		105	70 - 130	4	35
o-Xylene	<0.00201	U	0.100	0.1085		mg/Kg		107	70 - 130	13	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	117		70 - 130								
1,4-Difluorobenzene (Surr)	93		70 - 130								

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-91868/1-A
Matrix: Solid
Analysis Batch: 91875

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 91868

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/26/24 21:23	09/27/24 20:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/24 21:23	09/27/24 20:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/24 21:23	09/27/24 20:15	1
Surrogate	MB %Recovery	MB Qualifier	Limits						
1-Chlorooctane	130		70 - 130						
o-Terphenyl	148	S1+	70 - 130						

Lab Sample ID: LCS 880-91868/2-A
Matrix: Solid
Analysis Batch: 91875

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 91868

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	994.0		mg/Kg		99	70 - 130
Diesel Range Organics (Over C10-C28)	1000	906.2		mg/Kg		91	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7170-1
SDG: 2483

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-91868/2-A
Matrix: Solid
Analysis Batch: 91875

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 91868

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	91		70 - 130
o-Terphenyl	89		70 - 130

Lab Sample ID: LCSD 880-91868/3-A
Matrix: Solid
Analysis Batch: 91875

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 91868

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	911.4		mg/Kg		91	70 - 130	9	20
Diesel Range Organics (Over C10-C28)			1000	918.7		mg/Kg		92	70 - 130	1	20
Surrogate	LCSD	LCSD									
	%Recovery	Qualifier									
1-Chlorooctane	85										
o-Terphenyl	85										

Lab Sample ID: 890-7169-A-1-B MS
Matrix: Solid
Analysis Batch: 91875

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 91868

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	823.9		mg/Kg		79	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1027		mg/Kg		103	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier									
1-Chlorooctane	113										
o-Terphenyl	107										

Lab Sample ID: 890-7169-A-1-C MSD
Matrix: Solid
Analysis Batch: 91875

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 91868

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	761.9		mg/Kg		73	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	969.6		mg/Kg		97	70 - 130	6	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier									
1-Chlorooctane	105										
o-Terphenyl	101										

QC Sample Results

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7170-1
SDG: 2483

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-91880/1-A Matrix: Solid Analysis Batch: 91912										Client Sample ID: Method Blank Prep Type: Soluble	
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Chloride	<5.00	U	5.00		mg/Kg			09/27/24 09:11	1		

Lab Sample ID: LCS 880-91880/2-A Matrix: Solid Analysis Batch: 91912										Client Sample ID: Lab Control Sample Prep Type: Soluble	
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	249.5		mg/Kg		100	90 - 110		

Lab Sample ID: LCSD 880-91880/3-A Matrix: Solid Analysis Batch: 91912										Client Sample ID: Lab Control Sample Dup Prep Type: Soluble	
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	245.9		mg/Kg		98	90 - 110	1	20

Lab Sample ID: 890-7167-A-11-C MS Matrix: Solid Analysis Batch: 91912										Client Sample ID: Matrix Spike Prep Type: Soluble	
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	5020		4980	10180		mg/Kg		104	90 - 110		

Lab Sample ID: 890-7167-A-11-D MSD Matrix: Solid Analysis Batch: 91912										Client Sample ID: Matrix Spike Duplicate Prep Type: Soluble	
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5020		4980	10100		mg/Kg		102	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7170-1
SDG: 2483

GC VOA

Analysis Batch: 91882

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7170-1	ONSUREZ PIT	Total/NA	Solid	8021B	91911
MB 880-91911/5-A	Method Blank	Total/NA	Solid	8021B	91911
LCS 880-91911/1-A	Lab Control Sample	Total/NA	Solid	8021B	91911
LCSD 880-91911/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	91911
890-7167-A-21-E MS	Matrix Spike	Total/NA	Solid	8021B	91911
890-7167-A-21-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	91911

Prep Batch: 91911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7170-1	ONSUREZ PIT	Total/NA	Solid	5035	
MB 880-91911/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-91911/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-91911/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7167-A-21-E MS	Matrix Spike	Total/NA	Solid	5035	
890-7167-A-21-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 92128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7170-1	ONSUREZ PIT	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 91868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7170-1	ONSUREZ PIT	Total/NA	Solid	8015NM Prep	
MB 880-91868/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-91868/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-91868/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7169-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7169-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 91875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7170-1	ONSUREZ PIT	Total/NA	Solid	8015B NM	91868
MB 880-91868/1-A	Method Blank	Total/NA	Solid	8015B NM	91868
LCS 880-91868/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	91868
LCSD 880-91868/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	91868
890-7169-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	91868
890-7169-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	91868

Analysis Batch: 92102

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7170-1	ONSUREZ PIT	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 91880

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7170-1	ONSUREZ PIT	Soluble	Solid	DI Leach	
MB 880-91880/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-91880/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-91880/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7170-1
SDG: 2483

HPLC/IC (Continued)

Leach Batch: 91880 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7167-A-11-C MS	Matrix Spike	Soluble	Solid	DI Leach	
890-7167-A-11-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 91912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7170-1	ONSUREZ PIT	Soluble	Solid	300.0	91880
MB 880-91880/1-A	Method Blank	Soluble	Solid	300.0	91880
LCS 880-91880/2-A	Lab Control Sample	Soluble	Solid	300.0	91880
LCSD 880-91880/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	91880
890-7167-A-11-C MS	Matrix Spike	Soluble	Solid	300.0	91880
890-7167-A-11-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	91880

Lab Chronicle

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7170-1
SDG: 2483

Client Sample ID: ONSUREZ PIT Lab Sample ID: 890-7170-1
Date Collected: 09/25/24 00:00 Matrix: Solid
Date Received: 09/26/24 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	91911	09/27/24 09:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91882	09/27/24 19:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92128	09/27/24 19:48	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92102	09/28/24 00:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	91868	09/26/24 21:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91875	09/28/24 00:42	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	91880	09/27/24 08:01	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91912	09/27/24 11:59	SMC	EET MID

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7170-1
SDG: 2483

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7170-1
SDG: 2483

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Carmona Resources
Project/Site: ONSUREZ 1B BATTERY (07.08.2024)

Job ID: 890-7170-1
SDG: 2483

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-7170-1	ONSUREZ PIT	Solid	09/25/24 00:00	09/26/24 16:07

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Work Order No: _____

[illegible]

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-7170-1

SDG Number: 2483

Login Number: 7170

List Source: Eurofins Carlsbad

List Number: 1

Creator: Bruns, Shannon

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-7170-1

SDG Number: 2483

Login Number: 7170

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland

List Creation: 09/26/24 08:55 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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QUESTIONS

Action 408794

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 408794
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2419056244
Incident Name	NAPP2419056244 ONSUREZ 1B BATTERY @ 0
Incident Type	Oil Release
Incident Status	Reclamation Report Received
Incident Facility	[fAPP2132845394] Onsurez 1B Battery

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Onsurez 1B Battery
Date Release Discovered	07/08/2024
Surface Owner	Private

Incident Details	
Please answer all the questions in this group.	
Incident Type	Oil Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	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: Blow Out Valve Crude Oil Released: 26 BBL Recovered: 4 BBL Lost: 22 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of 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)	Not answered.

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QUESTIONS, Page 2

Action 408794

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 408794
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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 Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
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 Paragraph (4) of Subsection B of 19.15.29.8 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 Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 12/05/2024
--	---

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QUESTIONS, Page 3

Action 408794

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID:
	4323
	Action Number: 408794
Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Less than or equal 25 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 500 and 1000 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1000 (ft.) and ½ (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1000 (ft.) and ½ (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 1000 (ft.) and ½ (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	2510
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	15600
GRO+DRO (EPA SW-846 Method 8015M)	15600
BTEX (EPA SW-846 Method 8021B or 8260B)	17
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	09/17/2024
On what date will (or did) the final sampling or liner inspection occur	09/24/2024
On what date will (or was) the remediation complete(d)	10/01/2024
What is the estimated surface area (in square feet) that will be reclaimed	6680
What is the estimated volume (in cubic yards) that will be reclaimed	1130
What is the estimated surface area (in square feet) that will be remediated	6680
What is the estimated volume (in cubic yards) that will be remediated	1130

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 408794

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 408794
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [FEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
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.	
I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 12/05/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 408794

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 408794
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 408794

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 408794
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	385545
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/24/2024
What was the (estimated) number of samples that were to be gathered	48
What was the sampling surface area in square feet	8450

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	6680
What was the total volume (cubic yards) remediated	1130
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	6680
What was the total volume (in cubic yards) reclaimed	1130
Summarize any additional remediation activities not included by answers (above)	Area was excavated and remediated based off of initial site assessment results. Once composite confirmation sidewall and floor samples were received, the area was backfilled with topsoil from the landowner's backfill pit and was reseeded per Landowner specs.

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 (in .pdf format) 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.

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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 12/05/2024
--	---

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QUESTIONS, Page 7

Action 408794

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID:
	4323
	Action Number:
	408794
Action Type:	
[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	6680
What was the total volume of replacement material (in cubic yards) for this site	1130
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeded commence(d)	10/24/2024
Summarize any additional reclamation activities not included by answers (above)	The entire remediation area was backfilled with clean topsoil from the landowners backfill pit and reseeded before leaving the site to leave no trace of tracks or equipment.
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeded plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 12/05/2024

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 8

Action 408794

QUESTIONS (continued)

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	Action Number: 408794
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	No
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i>	

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CONDITIONS

Action 408794

CONDITIONS

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	Action Number: 408794
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
scwells	Remediation closure and reclamation approved.	12/9/2024