



SITE INFORMATION

Closure Report
Denton Battery (11.07.2023)
Incident # nAPP2331253847
Lea County, New Mexico
Unit G Sec 11 T15S R37E
33.033765°, -103.170225°

Produced Water Release
Point of Release: Connector came loose on water transfer line.
Release Date: 11.07.2023
Volume Released: 900 barrels of Produced Water
Volume Recovered: 850 barrels of Produced Water

CARMONA RESOURCES



Prepared for:
Fasken Oil and Ranch, Ltd.
6101 Holiday Hill Road
Midland, Texas 79707

Prepared by:
Carmona Resources, LLC
310 West Wall Street
Suite 500
Midland, Texas 79701



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March 26, 2024

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

**Re: Closure Report
Denton Battery (11.07.2023)
Fasken Oil and Ranch, Ltd
Incident # NAPP2331253847
Site Location: Unit G, S11, T15S, R37E
(Lat 33.033765°, Long -103.170225°)
Lea County, New Mexico**

To whom it may concern:

On behalf of Fasken Oil and Ranch Ltd, Carmona Resources, LLC has prepared this letter to document the Denton Battery site activities. The site is located at 33.033765°, -103.170225° within Unit G, S11, T15S, R37E, in Lea County, New Mexico (Figures 1 and 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 November 7, 2023, caused by a connector coming loose on a water transfer line. It resulted in the release of nine hundred (900) barrels of produced water, with eight hundred fifty (850) barrels of produced water recovered. The impacted area occurred on the well pad and flowed into the pasture, as shown in Figure 3. The Notice of Release form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are 4 known water sources are within a 0.50-mile radius of the location and drilled within the past 25 years. The nearest identified well is approximately 0.30 miles Northeast of the site in S11, T15S, R37E and was drilled in 2020. The well has a reported depth to groundwater of 69 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: 2,500 mg/kg (GRO + DRO + MRO).
- TPH: 1,000 mg/kg (GRO + DRO).
- Chloride: 10,000 mg/kg.

4.0 Site Assessment Activities

On November 29, 2023, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of seven (7) test trenches (T-1 through T-7) and twelve (12) horizontal samples (H-1 through H-12) were advanced to depths ranging from the surface to 7.0' bgs inside and surrounding

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432.813.1992



the release area to evaluate the vertical and horizontal extent. 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 Laboratories 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. The sample locations are shown in Figure 3.

5.0 Remediation Activities

Carmona Resources personnel were on site to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via web portal on March 5, 2024, per Subsection D of 19.15.29.12 NMAC. See Appendix C for correspondence. A total of thirty-six (36) floor confirmation samples were collected (CS-1 through CS-36), and twenty (20) sidewall samples (SW-1 through SW-20) 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. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figures 4A and 4B.

All final confirmation samples were below the reclamation and regulatory requirements for TPH, BTEX, and chloride. Refer to Table 2.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 1,049 cubic yards of material were excavated and transported offsite for proper disposal.

6.0 Reclamation Activities

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. The backfilled areas were seeded on March 22, 2024. The appropriate pounds of pure live seed per acre were used. The seeds were applied via tractor and seed drill. The seed mixture used was a mixture of 2/3 Blue Grama and 1/3 Sideoats Grama as requested by the land owner.

7.0 Conclusions

Based on the assessment results and the analytical data, no further actions are required at the site. If you have any questions regarding this report or need additional information, please get in touch with us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

Ashton Thielke
Sr. Project Manager

Conner Moehring
Sr. Project Manager

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FIGURES

CARMONA RESOURCES

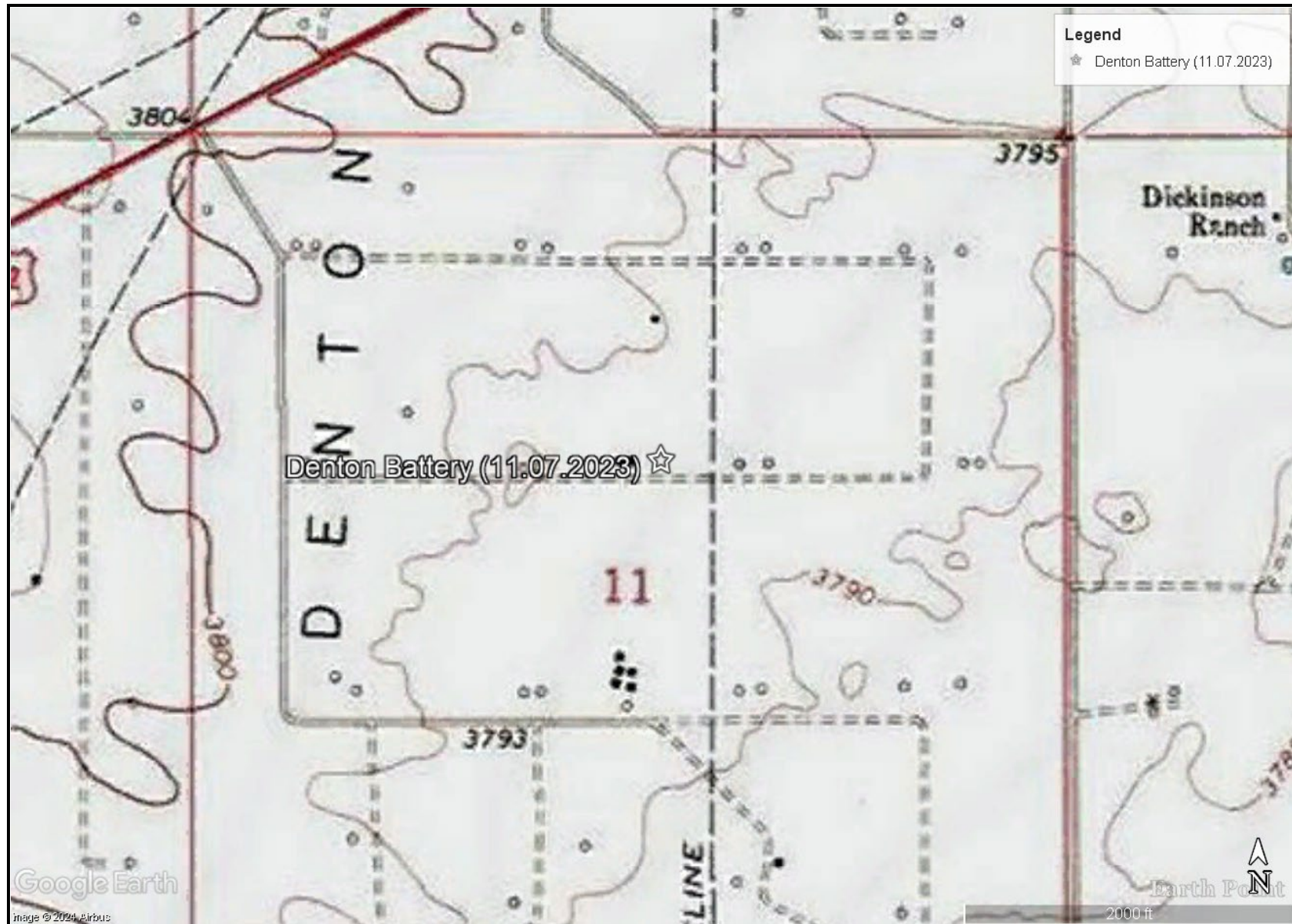




SITE LOCATION MAP
 FASKEN OIL AND RANCH, LTD.
 DENTON BATTERY (11.07.2023)
 LEA COUNTY, NEW MEXICO
 33.033765, -103.170225



FIGURE 1

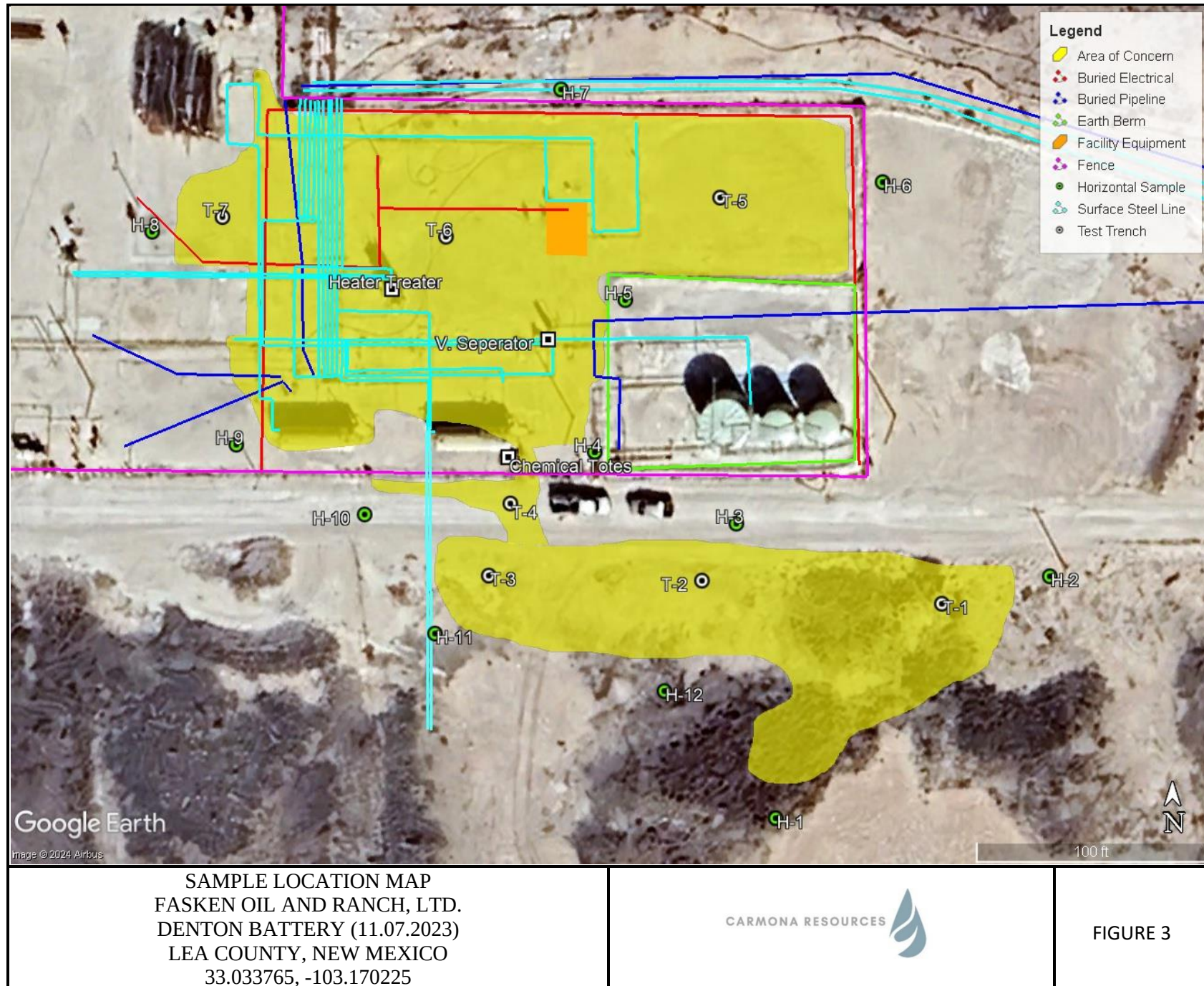


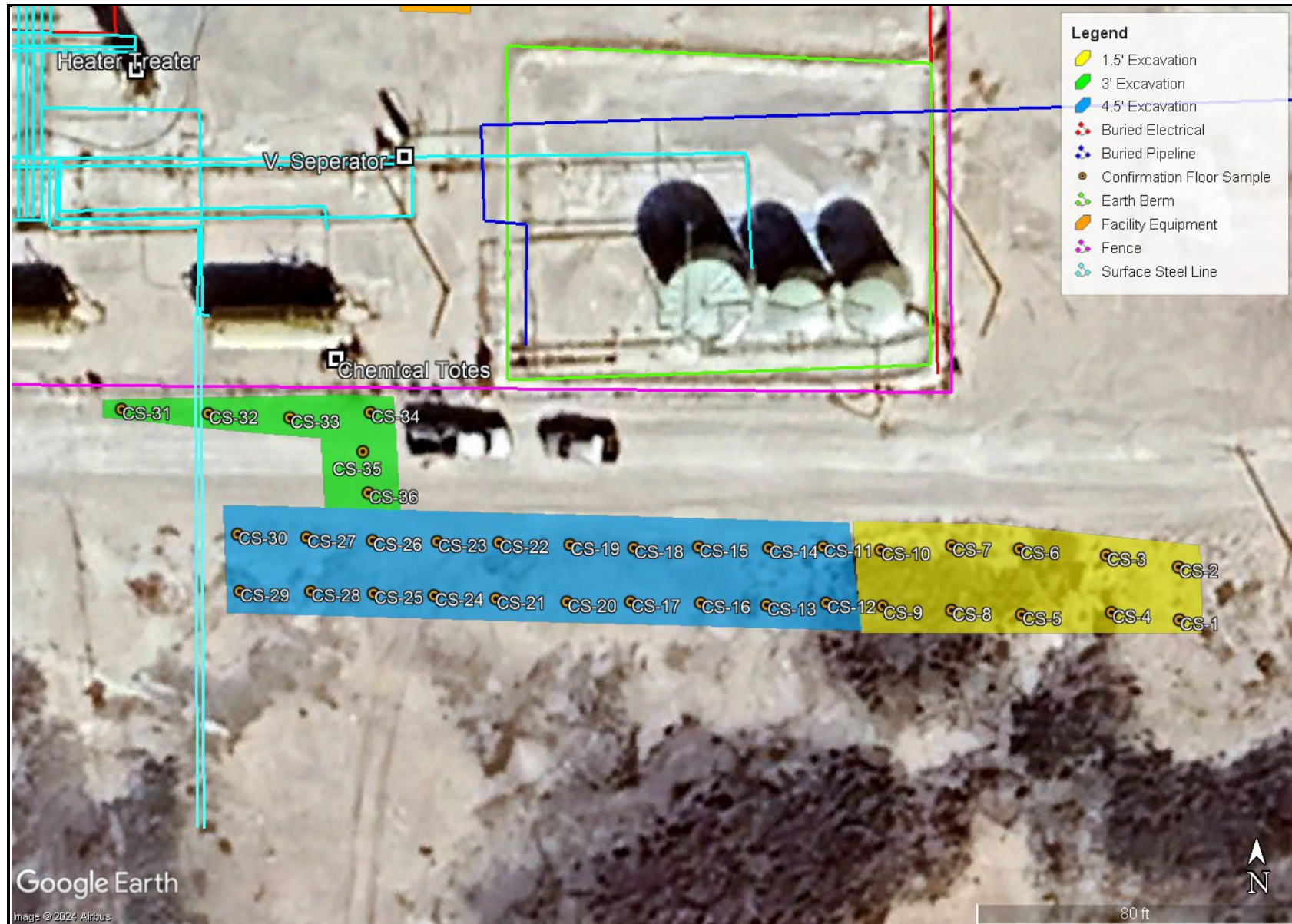
TOPOGRAPHIC MAP
FASKEN OIL AND RANCH, LTD.
DENTON BATTERY (11.07.2023)
LEA COUNTY, NEW MEXICO
33.033765, -103.170225

CARMONA RESOURCES



FIGURE 2

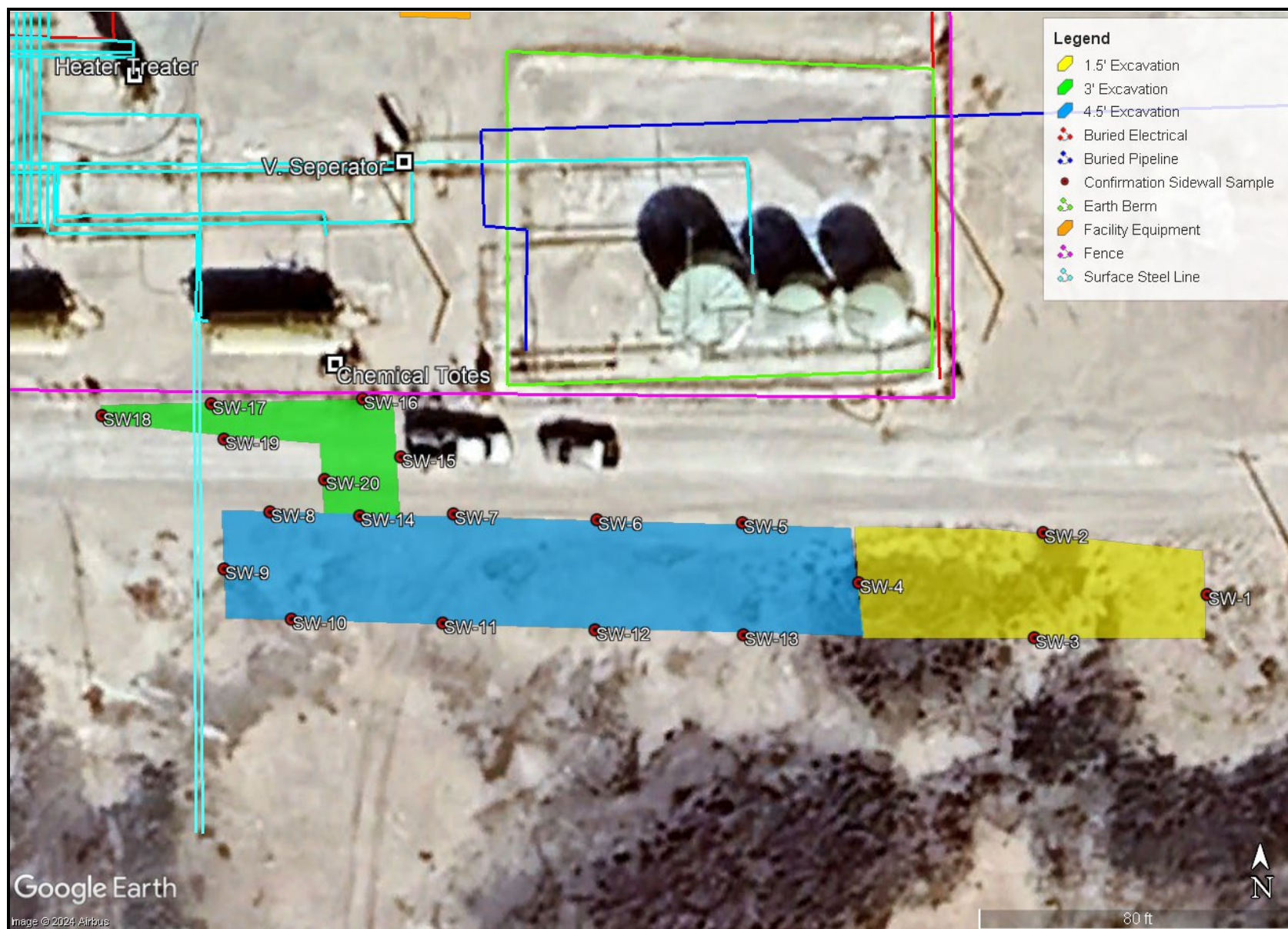




EXCAVATION DEPTH OVERVIEW MAP
 FASKEN OIL AND RANCH, LTD.
 DENTON BATTERY (11.07.2023)
 LEA COUNTY, NEW MEXICO
 33.033765, -103.170225



FIGURE 4A



EXCAVATION DEPTH MAP
 FASKEN OIL AND RANCH, LTD.
 DENTON BATTERY (11.07.2023)
 LEA COUNTY, NEW MEXICO
 33.033765, -103.170225



FIGURE 4B



RECLAMATION MAP
FASKEN OIL AND RANCH, LTD.
DENTON BATTERY (11.07.2023)
LEA COUNTY, NEW MEXICO
33.033765, -103.170225



FIGURE 5

APPENDIX A

CARMONA RESOURCES



Table 1
Fasken Oil and Ranch
Denton Battery (11.07.23)
Lea 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						
Pasture Samples												
T-1	11/29/2023	0-1	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	803
	"	1.5	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	173
T-2	11/29/2023	0-1	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,560
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	2,760
	"	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,560
	"	3.0	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	2,220
	"	4.0	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	2,250
	"	5.0	<50.2	91.1	<50.2	91.1	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	2,340
	"	6.0	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	103
	"	7.0	<50.4	<50.4	<50.4	<50.4	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	45.0
T-3	11/29/2023	0-1	<50.5	144	<50.5	144	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,490
	"	1.5	<49.8	90.7	<49.8	90.7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	2,570
	"	2.0	<49.8	352	<49.8	352	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	2,900
	"	3.0	<50.5	<50.5	<50.5	<50.5	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	3,410
	"	4.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	2,190
	"	5.0	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	32.3
T-4	11/29/2023	0-1	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,140
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,250
	"	2.0	<50.3	<50.3	<50.3	<50.3	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	1,010
	"	3.0	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	23.1
Well Pad Samples												
T-5	11/29/2023	0-1	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	4,070
	"	1.5	<50.5	<50.5	<50.5	<50.5	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	4,380
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,900
	"	3.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	17.7
T-6	11/29/2023	0-1	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,990
	"	1.5	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	3,220
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	3,220
	"	3.0	<50.1	<50.1	<50.1	<50.1	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	4,540
T-7	11/29/2023	0-1	<50.5	59.6	<50.5	59.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,200
	"	1.5	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,050
	"	2.0	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	996
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(T) Test Trench

 Removed

Table 1
Fasken Oil and Ranch
Denton Battery (11.07.23)
Lea 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	11/29/2023	0-0.5	<50.2	<50.2	<50.2	<50.2	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	21.3
H-2	11/29/2023	0-0.5	<50.5	<50.5	<50.5	<50.5	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	14.7
H-3	11/29/2023	0-0.5	<50.0	72.3	<50.0	72.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	16.6
H-4	11/29/2023	0-0.5	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	12.9
H-5	11/29/2023	0-0.5	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	10.9
H-6	11/29/2023	0-0.5	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	11.4
H-7	11/29/2023	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	11.6
H-8	11/29/2023	0-0.5	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	12.0
H-9	11/29/2023	0-0.5	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	11.4
H-10	11/29/2023	0-0.5	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	33.7
H-11	11/29/2023	0-0.5	<50.4	<50.4	<50.4	<50.4	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	17.4
H-12	11/29/2023	0-0.5	<50.5	<50.5	<50.5	<50.5	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	18.8
Regulatory Criteria^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 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
Fasken Oil and Ranch
Denton Battery (11.07.23)
Lea 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	3/7/2024	1.5	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	114
CS-2	3/7/2024	1.5	<50.5	<50.5	<50.5	<50.5	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	102
CS-3	3/7/2024	1.5	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	98.7
CS-4	3/7/2024	1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	101
CS-5	3/7/2024	1.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	95.9
CS-6	3/7/2024	1.5	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	94.3
CS-7	3/7/2024	1.5	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	91.5
CS-8	3/7/2024	1.5	<50.4	<50.4	<50.4	<50.4	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	101
CS-9	3/7/2024	1.5	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	134
CS-10	3/7/2024	1.5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	114
CS-11	3/7/2024	4.5	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	90.5
CS-12	3/7/2024	4.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	94.4
CS-13	3/7/2024	4.5	<49.5	<49.5	<49.5	<49.5	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	91.3
CS-14	3/7/2024	4.5	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	102
CS-15	3/7/2024	4.5	<50.5	<50.5	<50.5	<50.5	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	97.1
CS-16	3/7/2024	4.5	<50.4	<50.4	<50.4	<50.4	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	92.8
CS-17	3/7/2024	4.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	95.6
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 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
Fasken Oil and Ranch
Denton Battery (11.07.23)
Lea 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-18	3/7/2024	4.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	91.8
CS-19	3/7/2024	4.5	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	156
CS-20	3/7/2024	4.5	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	118
CS-21	3/7/2024	4.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	103
CS-22	3/7/2024	4.5	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	98.3
CS-23	3/7/2024	4.5	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	102
CS-24	3/7/2024	4.5	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	99.0
CS-25	3/7/2024	4.5	<50.4	<50.4	<50.4	<50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	81.9
CS-26	3/7/2024	4.5	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	130
CS-27	3/7/2024	4.5	<50.5	<50.5	<50.5	<50.5	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	90.5
CS-28	3/7/2024	4.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	90.8
CS-29	3/7/2024	4.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	93.8
CS-30	3/7/2024	4.5	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	140
CS-31	3/7/2024	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	85.5
CS-32	3/7/2024	3.0	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	94.3
CS-33	3/7/2024	3.0	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	127
CS-34	3/7/2024	3.0	<50.2	<50.2	<50.2	<50.2	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	101
CS-35	3/7/2024	3.0	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	95.9
CS-36	3/7/2024	3.0	<50.4	60.3	<50.4	60.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	98.4
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 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
Fasken Oil and Ranch
Denton Battery (11.07.23)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-1	3/7/2024	1.5	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	90.7
SW-2	3/7/2024	1.5	<50.4	<50.4	<50.4	<50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	106
SW-3	3/7/2024	1.5	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	125
SW-4	3/7/2024	3.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	114
SW-5	3/7/2024	4.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	98.9
SW-6	3/7/2024	4.5	<50.5	<50.5	<50.5	<50.5	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	97.3
SW-7	3/7/2024	4.5	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	144
SW-8	3/7/2024	4.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	95.0
SW-9	3/7/2024	4.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	108
SW-10	3/7/2024	4.5	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	107
SW-11	3/7/2024	4.5	<49.6	<49.6	<49.6	<49.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	98.7
SW-12	3/7/2024	4.5	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	96.8
SW-13	3/7/2024	4.5	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	109
SW-14	3/7/2024	1.5	<50.3	<50.3	<50.3	<50.3	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	84.6
SW-15	3/7/2024	3.0	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	85.7
SW-16	3/7/2024	3.0	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	92.0
SW-17	3/7/2024	3.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	139
SW-18	3/7/2024	3.0	<49.6	<49.6	<49.6	<49.6	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	109
SW-19	3/7/2024	3.0	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	102
SW-20	3/7/2024	3.0	<50.4	<50.4	<50.4	<50.4	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	92.3
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 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

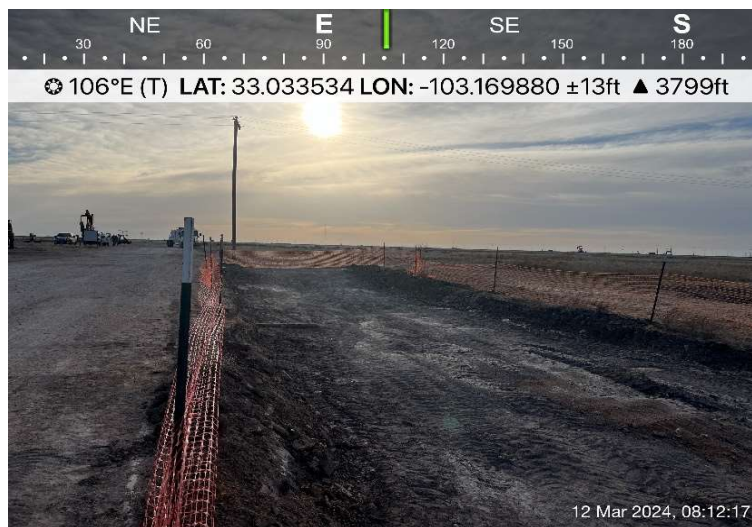
APPENDIX B

CARMONA RESOURCES

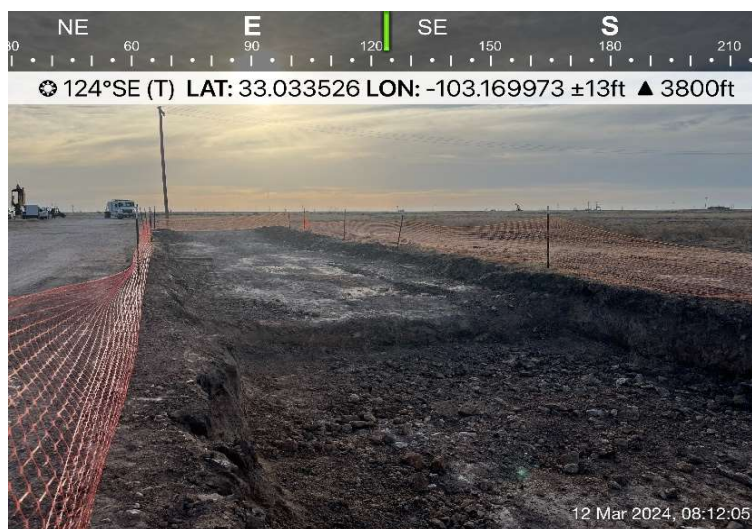


PHOTOGRAPHIC LOG**Fasken Oil and Ranch****Photograph No. 1****Facility:** Denton Battery (11.07.2023)**County:** Lea County, New Mexico**Description:**

View East, area of CS-1 through CS-10.

**Photograph No. 2****Facility:** Denton Battery (11.07.2023)**County:** Lea County, New Mexico**Description:**

View Southeast, area of CS-1 through CS-20.

**Photograph No. 3****Facility:** Denton Battery (11.07.2023)**County:** Lea County, New Mexico**Description:**

View East, area of CS-1 through CS-27.



PHOTOGRAPHIC LOG**Fasken Oil and Ranch****Photograph No. 4****Facility:** Denton Battery (11.07.2023)**County:** Lea County, New Mexico**Description:**

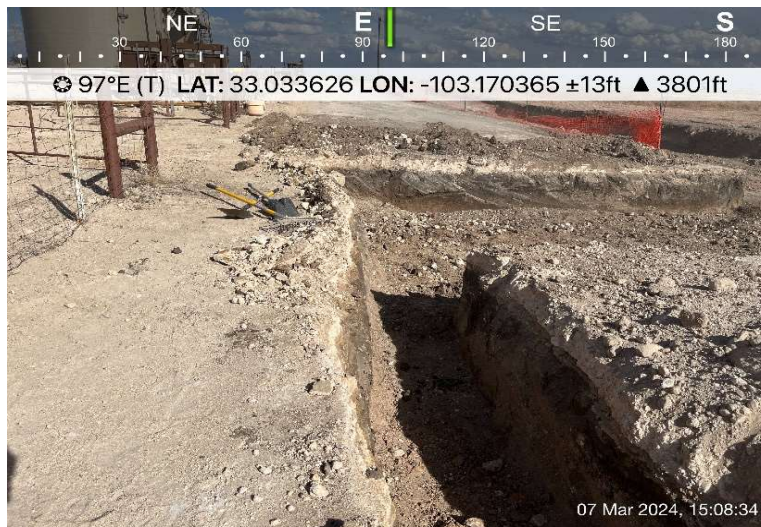
View West, area of CS-25 through CS-30.

**Photograph No. 5****Facility:** Denton Battery (11.07.2023)**County:** Lea County, New Mexico**Description:**

View East, area of CS-31 through CS-34.

**Photograph No. 6****Facility:** Denton Battery (11.07.2023)**County:** Lea County, New Mexico**Description:**

View East, area of CS-33 through CS-35.



PHOTOGRAPHIC LOG

Fasken Oil and Ranch

Photograph No. 7

Facility: Denton Battery (11.07.2023)

County: Lea County, New Mexico

Description:

View Southwest, area of CS-33 through CS-36.



Photograph No. 8

Facility: Denton Battery (11.07.2023)

County: Lea County, New Mexico

Description:

View West of the re-seeding.



Photograph No. 9

Facility: Denton Battery (11.07.2023)

County: Lea County, New Mexico

Description:

View West, area after re-seeding.



APPENDIX C

CARMONA RESOURCES



District I
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Phone:(575) 393-6161 Fax:(575) 393-0720

District II
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Phone:(575) 748-1283 Fax:(575) 748-9720

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

District IV
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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 283784

QUESTIONS

Operator: FASKEN OIL & RANCH LTD 6101 Holiday Hill Rd Midland, TX 79707	OGRID: 151416
	Action Number: 283784
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Denton Battery
Date Release Discovered	11/07/2023
Surface Owner	Private

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Other (Specify) Produced Water Released: 900 BBL Recovered: 850 BBL Lost: 50 BBL.
Is the concentration of dissolved chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	water transfer line was the source

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QUESTIONS, Page 2
Action 283784

QUESTIONS (continued)

Operator: FASKEN OIL & RANCH LTD 6101 Holiday Hill Rd Midland, TX 79707	OGRID: 151416
	Action Number: 283784
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by 19.15.29.7(A) NMAC	Yes, major release.
Reasons why this would be considered a submission for a notification of a major release	Unauthorized release of a volume, excluding gases, of 25 barrels or more
If YES, was immediate notice given to the OCD, by whom	Addison Guelker
If YES, was immediate notice given to the OCD, to whom	ocd.enviro@state.nm.us
If YES, was immediate notice given to the OCD, when	11/08/2023
If YES, was immediate notice given to the OCD, by what means (phone, email, etc.)	email
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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ACKNOWLEDGMENTS

Action 283784

ACKNOWLEDGMENTS

Operator: FASKEN OIL & RANCH LTD 6101 Holiday Hill Rd Midland, TX 79707	OGRID: 151416
	Action Number: 283784
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

☒	I acknowledge that I am authorized to submit notification of a releases on behalf of my operator.
☒	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 283784

CONDITIONS

Operator: FASKEN OIL & RANCH LTD 6101 Holiday Hill Rd Midland, TX 79707	OGRID: 151416
	Action Number: 283784
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
along	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	11/8/2023

Form C-141

Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2331253847
District RP	
Facility ID	
Application ID	

Closure

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

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

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

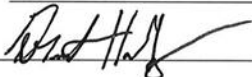
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public 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.

Printed Name: Grant Huckabay

Title:

HSE

Signature:



Date:

3-27-24

email: granth@forl.com

Telephone: 432-687-1777

OCD Only

Received by: _____

Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____

Date: _____

Printed Name: _____

Title: _____

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QUESTIONS

Action 320354

QUESTIONS

Operator: FASKEN OIL & RANCH LTD 6101 Holiday Hill Rd Midland, TX 79707	OGRID: 151416
	Action Number: 320354
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2331253847
Incident Name	NAPP2331253847 DENTON BATTERY @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	DENTON BATTERY
Date Release Discovered	11/07/2023
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	7,645
What is the estimated number of samples that will be gathered	59
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/07/2024
Time sampling will commence	10:30 AM
Please provide any information necessary for observers to contact samplers	Sampler is Conner Moehring at 432-813-6823
Please provide any information necessary for navigation to sampling site	At the intersection of U.S. HWY 82 and Dickinson Lane, drive southeast for .18 miles and veer off to the south at the Y intersection onto an unnamed lease road. Travel south for .25 miles and make a left on an unnamed lease road. Travel east for .37 miles and arrive at Denton Battery on your left.

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CONDITIONS

Action 320354

CONDITIONS

Operator: FASKEN OIL & RANCH LTD 6101 Holiday Hill Rd Midland, TX 79707	OGRID: 151416
	Action Number: 320354
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
along	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.	3/5/2024

APPENDIX D

CARMONA RESOURCES



Nearest water well

Fasken Oil and Ranch

Legend

- 0.30 Miles
- 0.32 Miles
- 0.37 Miles
- 0.39 Miles
- 0.50 Mile Radius
- Denton Battery (11.07.2023)
- NMSEO Water Well



2000 ft

Low Karst

Fasken Oil and Ranch

Legend

- Denton Battery (11.07.2023)
- Low

Denton Battery (11.07.2023)





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
L 01283	L	LE		3	2	11	15S	37E		671012	3656515*	136	120	40	80
L 07610	L	LE		3	2	11	15S	37E		671012	3656515*	136	100		
L 01324	L	LE		1	2	11	15S	37E		671004	3656917*	419	120	32	88
L 01117 POD1	L	LE		3	4	2	11	15S	37E	671314	3656419*	448	120	50	70
L 01430	L	LE		2	1	11	15S	37E		670601	3656913*	482	120	33	87
L 13629 POD8	L	LE		2	1	2	11	15S	37E	671100	3656952	489	90	69	21
L 13629 POD10	L	LE		2	1	2	11	15S	37E	671037	3657002	511	90	70	20
L 01321	L	LE		4	2	11	15S	37E		671415	3656520*	539	120	32	88
L 01323	L	LE		4	2	11	15S	37E		671415	3656520*	539	120	32	88
L 13692 POD9	L	LE		2	1	2	11	15S	37E	671040	3657045	553	90	70	20
L 13629 POD16	L	LE		2	1	2	11	15S	37E	671094	3657050	576	90	70	20
L 13629 POD13	L	LE		2	1	2	11	15S	37E	671093	3657074	598	90	70	20
L 13629 POD11	L	LE		2	1	2	11	15S	37E	671184	3657035	603	90	71	19
L 13629 POD14	L	LE		2	1	2	11	15S	37E	671112	3657085	615	90	70	20
L 13629 POD7	L	LE		2	1	2	11	15S	37E	671073	3657109	624	90	73	17
L 13629 POD12	L	LE		2	1	2	11	15S	37E	671138	3657111	649	90	72	18
L 01332	L	LE		2	2	11	15S	37E		671408	3656922*	668	115	32	83
L 02302	L	LE		2	2	4	11	15S	37E	671521	3656216*	711	80	45	35
L 01322	L	LE		2	1	1	11	15S	37E	670296	3657007*	759	120	32	88
L 02317	L	LE		1	1	11	15S	37E		670197	3656908*	783	110	65	45
L 01320	L	LE		3	4	11	15S	37E		671026	3655710*	820	120	32	88
L 01673 POD1	L	LE		4	3	02	15S	37E		670594	3657315*	846	120		
L 01182 POD1	L	LE		1	1	1	11	15S	37E	670096	3657007*	921	110	35	75
L 04956	L	LE		1	1	1	12	15S	37E	671710	3657026*	977	100	43	57
L 01077	L	LE		1	1	12	15S	37E		671811	3656927*	1020	120		
L 14152 POD17	L	LE		2	1	2	14	15S	37E	671132	3655522	1026	89	65	24

*UTM location was derived from PLSS - see Help

(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
L 01568 POD1	L	LE		1	3	12	15S	37E		671826	3656122*	1028	120	38	82
L 14152 POD23	L	LE		2	1	2	14	15S	37E	671166	3655528	1030	89	65	24
L 14152 POD20	L	LE		3	4	4	11	15S	37E	671250	3655547	1039	89	65	24
L 01422	L	LE		3	3	02	15S	37E		670190	3657310*	1048	100		
L 14152 POD24	L	LE		2	1	2	14	15S	37E	671225	3655508	1067	89	65	24
L 14152 POD18	L	LE		2	1	2	14	15S	37E	671140	3655466	1083	89	65	24
L 01739 POD1	L	LE		2	2	2	10	15S	37E	669893	3657001*	1095	110	55	55
L 14152 POD21	L	LE		1	2	2	14	15S	37E	671288	3655501	1095	89	65	24
L 01110 POD1	L	LE		1	1	2	14	15S	37E	670932	3655407*	1111	115		
L 07665	L	LE		4	4	4	11	15S	37E	671529	3655614*	1114	126	40	86
L 00610 POD4	L	LE		4	2	3	02	15S	37E	670687	3657616*	1115	120	37	83
L 07198	L	LE		4	2	3	02	15S	37E	670687	3657616*	1115	125	47	78
L 14152 POD22	L	LE		4	3	4	11	15S	37E	671227	3655455	1118	89	65	24
L 02268	L	LE		2	4	10	15S	37E		669808	3656097*	1147		55	
L 14152 POD16	L	LE		1	2	2	14	15S	37E	671273	3655439	1148	90	65	25
L 14152 POD19	L	LE		2	1	2	14	15S	37E	671188	3655404	1155	90	65	25
L 02391	L	LE		3	3	3	11	15S	37E	670118	3655599*	1190	80	37	43
L 15517 POD1	L	LE		4	1	1	12	15S	37E	672002	3656918	1195	160		
L 01080	L	LE		1	2	2	14	15S	37E	671336	3655412*	1196	120	32	88

Average Depth to Water: **52 feet**

Minimum Depth: **32 feet**

Maximum Depth: **73 feet**

Record Count: 45

UTMNAD83 Radius Search (in meters):

Easting (X): 670876

Northing (Y): 3656517

Radius: 1200

*UTM location was derived from PLSS - see Help

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

11/15/23 1:31 PM

Page 2 of 2

WATER COLUMN/ AVERAGE
DEPTH TO WATER



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	L 13629 POD8	2	1	2	11	15S	37E	671100	3656952

x

Driller License:

1456

Driller Company:

WHITE DRILLING COMPANY

Driller Name:

WHITE, JOHNNOWN.GENER

Drill Start Date:

04/13/2020

Drill Finish Date:

04/16/2020

Plug Date:

Log File Date:

05/21/2020

PCW Rcv Date:

Source:

Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

2.00

Depth Well:

90 feet

Depth Water:

69 feet

x

Water Bearing Stratifications:	Top	Bottom	Description
	43	90	Sandstone/Gravel/Conglomerate

x

Casing Perforations:	Top	Bottom
	60	90

x

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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
NA	L 13629 POD10	2	1	2	11	15S	37E	671037	3657002

x

Driller License:

1456

Driller Company:

WHITE DRILLING COMPANY

Driller Name:

WHITE, JOHNNOWN.GENER

Drill Start Date:

04/13/2020

Drill Finish Date:

04/15/2020

Plug Date:

Log File Date:

05/21/2020

PCW Rcv Date:

Source:

Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

2.00

Depth Well:

90 feet

Depth Water:

70 feet

x

Water Bearing Stratifications:	Top	Bottom	Description
	44	90	

x

Casing Perforations:	Top	Bottom
	60	90

x

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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		
NA	L 13629 POD16	2	1	2	11	15S	37E	671094	3657050		

Driller License:	1456	Driller Company:	WHITE DRILLING COMPANY									
Driller Name:	WHITE, JOHNNOWN.GENER											
Drill Start Date:	03/10/2020	Drill Finish Date:	04/16/2020				Plug Date:					
Log File Date:	04/28/2020	PCW Rcv Date:					Source:	Shallow				
Pump Type:			Pipe Discharge Size:					Estimated Yield:				
Casing Size:	4.00	Depth Well:	90 feet				Depth Water:	70 feet				

Water Bearing Stratifications:						Top	Bottom	Description
						35	90	Sandstone/Gravel/Conglomerate

Casing Perforations:						Top	Bottom
						60	90

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

11/15/23 1:37 PM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

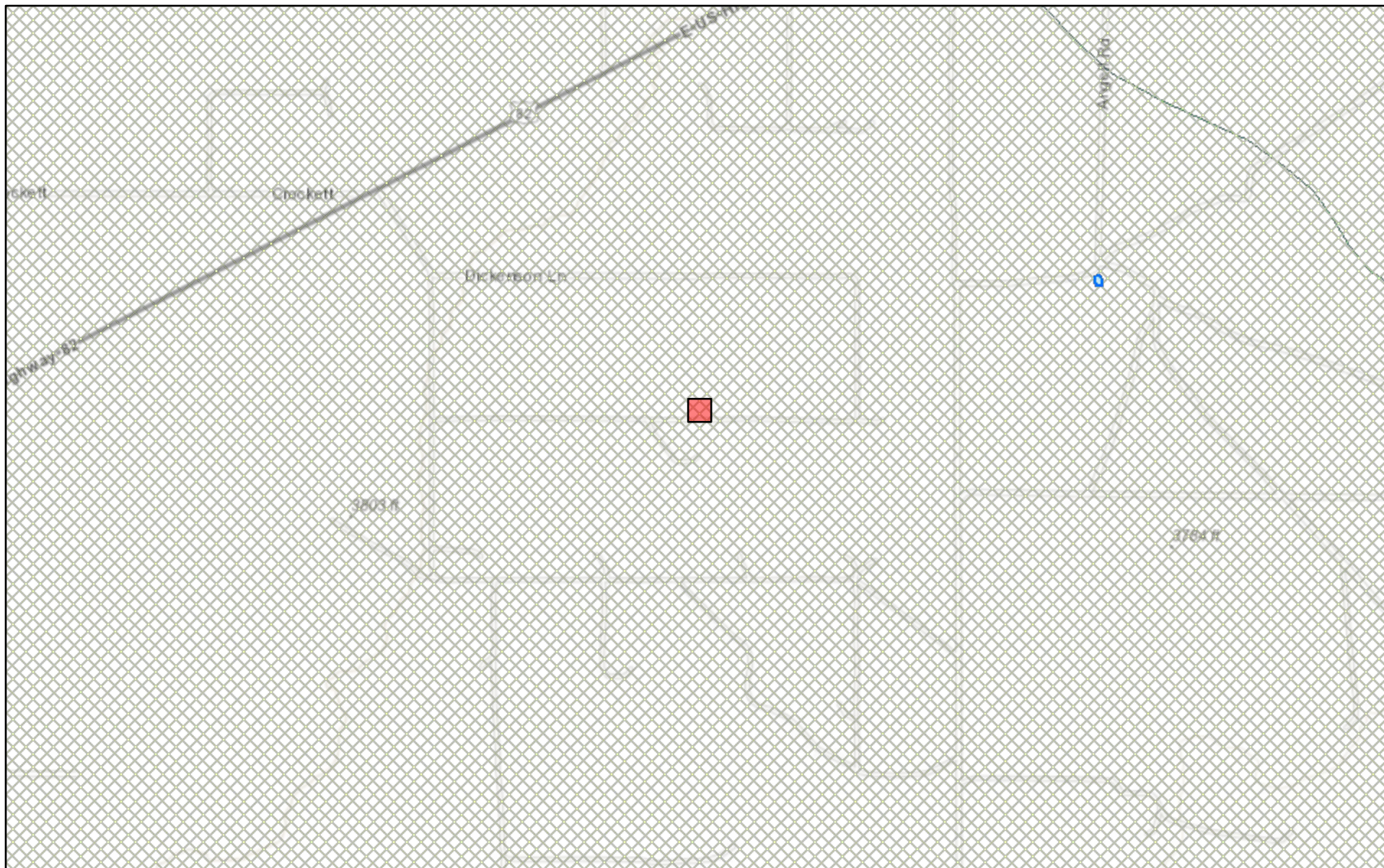
		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)				(NAD83 UTM in meters)			
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	L 13629 POD7	2	1	2	11	15S	37E	671073	3657109 
Driller License: 1456		Driller Company:		WHITE DRILLING COMPANY					
Driller Name:		WHITE, JOHNNOWN.GENER							
Drill Start Date: 04/14/2020		Drill Finish Date:		04/15/2020		Plug Date:			
Log File Date: 05/21/2020		PCW Rcv Date:				Source: Shallow			
Pump Type:		Pipe Discharge Size:				Estimated Yield:			
Casing Size: 2.00		Depth Well:		90 feet		Depth Water: 73 feet			
Water Bearing Stratifications:				Top	Bottom	Description			
				35	90	Sandstone/Gravel/Conglomerate			
Casing Perforations:				Top	Bottom				
				60	90				

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

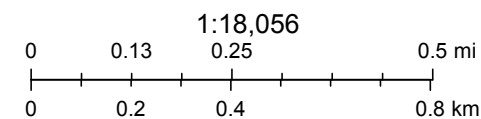
11/15/23 1:39 PM

POINT OF DIVERSION SUMMARY

New Mexico NFHL Data



January 31, 2023



FEMA, Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey,

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APPENDIX E

CARMONA RESOURCES





Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/12/2023 12:53:25 PM

JOB DESCRIPTION

Denton Battery (11-07-23)
Lea County New Mexico

JOB NUMBER

880-36596-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701



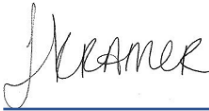
Eurofins Midland

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
12/12/2023 12:53:25 PM

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

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Laboratory Job ID: 880-36596-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
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.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery 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
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/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Job ID: 880-36596-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-36596-1**

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 are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

Matrix QC may not be reported if insufficient sample 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 12/6/2023 1:18 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 -4.4°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-68744 and analytical batch 880-68741 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 8021B: The surrogate recovery for the blank associated with preparation batch 880-68687 and 880-68744 and analytical batch 880-68741 was outside the control limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-68811 and analytical batch 880-68759 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: T-5 (3') (880-36596-24). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-68811 and analytical batch 880-68759 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.

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

GC Semi VOA

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-68547 and analytical batch 880-68559 was outside the upper control limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-68551 and analytical batch 880-68637 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (880-36589-A-41-F MS) and (880-36589-A-41-G MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-2 (1.5') (880-36596-4) and T-2 (2') (880-36596-5). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-2 (4') (880-36596-7), T-2 (5') (880-36596-8), T-3 (0-1') (880-36596-11), T-3 (1.5') (880-36596-12) and T-3 (2') (880-36596-13). Evidence of matrix interference is

Case Narrative

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Job ID: 880-36596-1 (Continued)

Laboratory: Eurofins Midland (Continued)

present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: T-3 (4') (880-36596-15). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-68551 and analytical batch 880-68637 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.

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: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-68527 and 880-68527 and analytical batch 880-68624 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 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: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Client Sample ID: T-1 (0-1')

Lab Sample ID: 880-36596-1

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/09/23 16:07	12/10/23 16:35	1
Toluene	<0.00198	U F1	0.00198		mg/Kg		12/09/23 16:07	12/10/23 16:35	1
Ethylbenzene	<0.00198	U F1	0.00198		mg/Kg		12/09/23 16:07	12/10/23 16:35	1
m-Xylene & p-Xylene	<0.00397	U F1	0.00397		mg/Kg		12/09/23 16:07	12/10/23 16:35	1
o-Xylene	<0.00198	U F1	0.00198		mg/Kg		12/09/23 16:07	12/10/23 16:35	1
Xylenes, Total	<0.00397	U F1	0.00397		mg/Kg		12/09/23 16:07	12/10/23 16:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	12/09/23 16:07	12/10/23 16:35	1
1,4-Difluorobenzene (Surr)	84		70 - 130	12/09/23 16:07	12/10/23 16:35	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			12/10/23 16:35	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			12/08/23 13:01	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		12/06/23 17:39	12/08/23 13:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/06/23 17:39	12/08/23 13:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/06/23 17:39	12/08/23 13:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130	12/06/23 17:39	12/08/23 13:01	1
o-Terphenyl	103		70 - 130	12/06/23 17:39	12/08/23 13:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	803	F1	25.2		mg/Kg			12/09/23 19:58	5

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-36596-2

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/09/23 16:07	12/10/23 16:55	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/09/23 16:07	12/10/23 16:55	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/09/23 16:07	12/10/23 16:55	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		12/09/23 16:07	12/10/23 16:55	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/09/23 16:07	12/10/23 16:55	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/09/23 16:07	12/10/23 16:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	12/09/23 16:07	12/10/23 16:55	1
1,4-Difluorobenzene (Surr)	76		70 - 130	12/09/23 16:07	12/10/23 16:55	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-36596-2

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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			12/10/23 16:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			12/08/23 13:23	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	<50.1	U	50.1		mg/Kg		12/06/23 17:39	12/08/23 13:23	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		12/06/23 17:39	12/08/23 13:23	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		12/06/23 17:39	12/08/23 13:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				12/06/23 17:39	12/08/23 13:23	1
o-Terphenyl	106		70 - 130				12/06/23 17:39	12/08/23 13:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	173		5.01		mg/Kg			12/09/23 20:17	1

Client Sample ID: T-2 (0-1')

Lab Sample ID: 880-36596-3

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/09/23 16:07	12/10/23 17:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/09/23 16:07	12/10/23 17:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/09/23 16:07	12/10/23 17:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/09/23 16:07	12/10/23 17:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/09/23 16:07	12/10/23 17:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/09/23 16:07	12/10/23 17:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		70 - 130				12/09/23 16:07	12/10/23 17:16	1
1,4-Difluorobenzene (Surr)	90		70 - 130				12/09/23 16:07	12/10/23 17:16	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			12/10/23 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			12/08/23 13:45	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	<50.5	U	50.5		mg/Kg		12/06/23 17:39	12/08/23 13:45	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		12/06/23 17:39	12/08/23 13:45	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Client Sample ID: T-2 (0-1')

Lab Sample ID: 880-36596-3

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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)	<50.5	U	50.5		mg/Kg		12/06/23 17:39	12/08/23 13:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				12/06/23 17:39	12/08/23 13:45	1
o-Terphenyl	109		70 - 130				12/06/23 17:39	12/08/23 13:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2560		24.9		mg/Kg			12/09/23 20:24	5

Client Sample ID: T-2 (1.5')

Lab Sample ID: 880-36596-4

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/09/23 16:07	12/10/23 17:37	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/09/23 16:07	12/10/23 17:37	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/09/23 16:07	12/10/23 17:37	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/09/23 16:07	12/10/23 17:37	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/09/23 16:07	12/10/23 17:37	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/09/23 16:07	12/10/23 17:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130				12/09/23 16:07	12/10/23 17:37	1
1,4-Difluorobenzene (Surr)	81		70 - 130				12/09/23 16:07	12/10/23 17:37	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			12/10/23 17:37	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			12/08/23 14:07	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		12/06/23 17:39	12/08/23 14:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/06/23 17:39	12/08/23 14:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/06/23 17:39	12/08/23 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130				12/06/23 17:39	12/08/23 14:07	1
o-Terphenyl	117		70 - 130				12/06/23 17:39	12/08/23 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2760		25.2		mg/Kg			12/09/23 20:30	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Client Sample ID: T-2 (2')

Lab Sample ID: 880-36596-5

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/09/23 16:07	12/10/23 17:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/09/23 16:07	12/10/23 17:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/09/23 16:07	12/10/23 17:57	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/09/23 16:07	12/10/23 17:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/09/23 16:07	12/10/23 17:57	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/09/23 16:07	12/10/23 17:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	12/09/23 16:07	12/10/23 17:57	1
1,4-Difluorobenzene (Surr)	88		70 - 130	12/09/23 16:07	12/10/23 17:57	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			12/10/23 17:57	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			12/08/23 14:29	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	<49.9	U	49.9		mg/Kg		12/06/23 17:39	12/08/23 14:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/06/23 17:39	12/08/23 14:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/06/23 17:39	12/08/23 14:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	143	S1+	70 - 130	12/06/23 17:39	12/08/23 14:29	1
o-Terphenyl	126		70 - 130	12/06/23 17:39	12/08/23 14:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2560		25.0		mg/Kg			12/09/23 20:37	5

Client Sample ID: T-2 (3')

Lab Sample ID: 880-36596-6

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/09/23 16:07	12/10/23 18:18	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/09/23 16:07	12/10/23 18:18	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/09/23 16:07	12/10/23 18:18	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/09/23 16:07	12/10/23 18:18	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/09/23 16:07	12/10/23 18:18	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/09/23 16:07	12/10/23 18:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130	12/09/23 16:07	12/10/23 18:18	1
1,4-Difluorobenzene (Surr)	84		70 - 130	12/09/23 16:07	12/10/23 18:18	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Client Sample ID: T-2 (3')

Lab Sample ID: 880-36596-6

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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			12/10/23 18:18	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			12/08/23 14:51	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	<49.7	U	49.7		mg/Kg		12/06/23 17:39	12/08/23 14:51	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		12/06/23 17:39	12/08/23 14:51	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/06/23 17:39	12/08/23 14:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				12/06/23 17:39	12/08/23 14:51	1
o-Terphenyl	110		70 - 130				12/06/23 17:39	12/08/23 14:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2220		25.0		mg/Kg			12/09/23 20:56	5

Client Sample ID: T-2 (4')

Lab Sample ID: 880-36596-7

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/09/23 16:07	12/10/23 18:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/09/23 16:07	12/10/23 18:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/09/23 16:07	12/10/23 18:38	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/09/23 16:07	12/10/23 18:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/09/23 16:07	12/10/23 18:38	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/09/23 16:07	12/10/23 18:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				12/09/23 16:07	12/10/23 18:38	1
1,4-Difluorobenzene (Surr)	80		70 - 130				12/09/23 16:07	12/10/23 18:38	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			12/10/23 18:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			12/08/23 15:36	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	<49.6	U	49.6		mg/Kg		12/06/23 17:39	12/08/23 15:36	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		12/06/23 17:39	12/08/23 15:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Client Sample ID: T-2 (4')

Lab Sample ID: 880-36596-7

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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)	<49.6	U	49.6		mg/Kg		12/06/23 17:39	12/08/23 15:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	140	S1+	70 - 130				12/06/23 17:39	12/08/23 15:36	1
o-Terphenyl	124		70 - 130				12/06/23 17:39	12/08/23 15:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2250		25.2		mg/Kg			12/09/23 21:03	5

Client Sample ID: T-2 (5')

Lab Sample ID: 880-36596-8

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/09/23 16:07	12/10/23 18:59	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/09/23 16:07	12/10/23 18:59	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/09/23 16:07	12/10/23 18:59	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		12/09/23 16:07	12/10/23 18:59	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/09/23 16:07	12/10/23 18:59	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/09/23 16:07	12/10/23 18:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130				12/09/23 16:07	12/10/23 18:59	1
1,4-Difluorobenzene (Surr)	80		70 - 130				12/09/23 16:07	12/10/23 18:59	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			12/10/23 18:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	91.1		50.2		mg/Kg			12/08/23 15:57	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	<50.2	U	50.2		mg/Kg		12/06/23 17:39	12/08/23 15:57	1
Diesel Range Organics (Over C10-C28)	91.1		50.2		mg/Kg		12/06/23 17:39	12/08/23 15:57	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		12/06/23 17:39	12/08/23 15:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	143	S1+	70 - 130				12/06/23 17:39	12/08/23 15:57	1
o-Terphenyl	125		70 - 130				12/06/23 17:39	12/08/23 15:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2340		24.8		mg/Kg			12/09/23 21:09	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Client Sample ID: T-2 (6')

Lab Sample ID: 880-36596-9

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/09/23 16:07	12/10/23 19:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/09/23 16:07	12/10/23 19:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/09/23 16:07	12/10/23 19:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/09/23 16:07	12/10/23 19:20	1
o-Xylene	0.00243		0.00199		mg/Kg		12/09/23 16:07	12/10/23 19:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/09/23 16:07	12/10/23 19:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130	12/09/23 16:07	12/10/23 19:20	1
1,4-Difluorobenzene (Surr)	78		70 - 130	12/09/23 16:07	12/10/23 19:20	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			12/10/23 19:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			12/08/23 16:19	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	<50.1	U	50.1		mg/Kg		12/06/23 17:39	12/08/23 16:19	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		12/06/23 17:39	12/08/23 16:19	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		12/06/23 17:39	12/08/23 16:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	12/06/23 17:39	12/08/23 16:19	1
o-Terphenyl	104		70 - 130	12/06/23 17:39	12/08/23 16:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	103		4.95		mg/Kg			12/09/23 21:16	1

Client Sample ID: T-2 (7')

Lab Sample ID: 880-36596-10

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/09/23 16:07	12/10/23 19:40	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/09/23 16:07	12/10/23 19:40	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/09/23 16:07	12/10/23 19:40	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/09/23 16:07	12/10/23 19:40	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/09/23 16:07	12/10/23 19:40	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/09/23 16:07	12/10/23 19:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	12/09/23 16:07	12/10/23 19:40	1
1,4-Difluorobenzene (Surr)	79		70 - 130	12/09/23 16:07	12/10/23 19:40	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Client Sample ID: T-2 (7')

Lab Sample ID: 880-36596-10

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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			12/10/23 19:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			12/08/23 16:41	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	<50.4	U	50.4		mg/Kg		12/06/23 17:39	12/08/23 16:41	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		12/06/23 17:39	12/08/23 16:41	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		12/06/23 17:39	12/08/23 16:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130				12/06/23 17:39	12/08/23 16:41	1
o-Terphenyl	110		70 - 130				12/06/23 17:39	12/08/23 16:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.0		5.01		mg/Kg			12/09/23 21:22	1

Client Sample ID: T-3 (0-1')

Lab Sample ID: 880-36596-11

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/09/23 16:07	12/10/23 21:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/09/23 16:07	12/10/23 21:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/09/23 16:07	12/10/23 21:06	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/09/23 16:07	12/10/23 21:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/09/23 16:07	12/10/23 21:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/09/23 16:07	12/10/23 21:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130				12/09/23 16:07	12/10/23 21:06	1
1,4-Difluorobenzene (Surr)	84		70 - 130				12/09/23 16:07	12/10/23 21:06	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			12/10/23 21:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	144		50.5		mg/Kg			12/08/23 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	<50.5	U	50.5		mg/Kg		12/06/23 17:39	12/08/23 17:17	1
Diesel Range Organics (Over C10-C28)	144		50.5		mg/Kg		12/06/23 17:39	12/08/23 17:17	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Client Sample ID: T-3 (0-1')

Lab Sample ID: 880-36596-11

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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)	<50.5	U	50.5		mg/Kg		12/06/23 17:39	12/08/23 17:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	154	S1+	70 - 130				12/06/23 17:39	12/08/23 17:17	1
o-Terphenyl	138	S1+	70 - 130				12/06/23 17:39	12/08/23 17:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2490	F1	24.9		mg/Kg			12/09/23 21:29	5

Client Sample ID: T-3 (1.5')

Lab Sample ID: 880-36596-12

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/09/23 16:07	12/10/23 21:27	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/09/23 16:07	12/10/23 21:27	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/09/23 16:07	12/10/23 21:27	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/09/23 16:07	12/10/23 21:27	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/09/23 16:07	12/10/23 21:27	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/09/23 16:07	12/10/23 21:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130				12/09/23 16:07	12/10/23 21:27	1
1,4-Difluorobenzene (Surr)	80		70 - 130				12/09/23 16:07	12/10/23 21:27	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			12/10/23 21:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	90.7		49.8		mg/Kg			12/08/23 17:39	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		12/06/23 17:39	12/08/23 17:39	1
Diesel Range Organics (Over C10-C28)	90.7		49.8		mg/Kg		12/06/23 17:39	12/08/23 17:39	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/06/23 17:39	12/08/23 17:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	138	S1+	70 - 130				12/06/23 17:39	12/08/23 17:39	1
o-Terphenyl	124		70 - 130				12/06/23 17:39	12/08/23 17:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2570		25.2		mg/Kg			12/09/23 21:49	5

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Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Client Sample ID: T-3 (2')

Lab Sample ID: 880-36596-13

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/09/23 16:07	12/10/23 21:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/09/23 16:07	12/10/23 21:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/09/23 16:07	12/10/23 21:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/09/23 16:07	12/10/23 21:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/09/23 16:07	12/10/23 21:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/09/23 16:07	12/10/23 21:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	12/09/23 16:07	12/10/23 21:47	1
1,4-Difluorobenzene (Surr)	81		70 - 130	12/09/23 16:07	12/10/23 21:47	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			12/10/23 21:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	352		49.8		mg/Kg			12/08/23 18:00	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	<49.8	U	49.8		mg/Kg		12/06/23 17:39	12/08/23 18:00	1
Diesel Range Organics (Over C10-C28)	352		49.8		mg/Kg		12/06/23 17:39	12/08/23 18:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/06/23 17:39	12/08/23 18:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130	12/06/23 17:39	12/08/23 18:00	1
o-Terphenyl	119		70 - 130	12/06/23 17:39	12/08/23 18:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2900		24.8		mg/Kg			12/09/23 21:55	5

Client Sample ID: T-3 (3')

Lab Sample ID: 880-36596-14

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/09/23 16:07	12/10/23 22:08	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/09/23 16:07	12/10/23 22:08	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/09/23 16:07	12/10/23 22:08	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/09/23 16:07	12/10/23 22:08	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/09/23 16:07	12/10/23 22:08	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/09/23 16:07	12/10/23 22:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	12/09/23 16:07	12/10/23 22:08	1
1,4-Difluorobenzene (Surr)	79		70 - 130	12/09/23 16:07	12/10/23 22:08	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Client Sample ID: T-3 (3')

Lab Sample ID: 880-36596-14

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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			12/10/23 22:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			12/08/23 18:21	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	<50.5	U	50.5		mg/Kg		12/06/23 17:39	12/08/23 18:21	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		12/06/23 17:39	12/08/23 18:21	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		12/06/23 17:39	12/08/23 18:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				12/06/23 17:39	12/08/23 18:21	1
o-Terphenyl	102		70 - 130				12/06/23 17:39	12/08/23 18:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		24.9		mg/Kg			12/09/23 22:15	5

Client Sample ID: T-3 (4')

Lab Sample ID: 880-36596-15

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/09/23 16:07	12/10/23 22:28	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/09/23 16:07	12/10/23 22:28	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/09/23 16:07	12/10/23 22:28	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/09/23 16:07	12/10/23 22:28	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/09/23 16:07	12/10/23 22:28	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/09/23 16:07	12/10/23 22:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130				12/09/23 16:07	12/10/23 22:28	1
1,4-Difluorobenzene (Surr)	71		70 - 130				12/09/23 16:07	12/10/23 22:28	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			12/10/23 22:28	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			12/08/23 18:43	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	<50.0	U	50.0		mg/Kg		12/06/23 17:39	12/08/23 18:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/06/23 17:39	12/08/23 18:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Client Sample ID: T-3 (4')

Lab Sample ID: 880-36596-15

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/06/23 17:39	12/08/23 18:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	137	S1+	70 - 130				12/06/23 17:39	12/08/23 18:43	1
o-Terphenyl	129		70 - 130				12/06/23 17:39	12/08/23 18:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2190		24.9		mg/Kg			12/09/23 22:21	5

Client Sample ID: T-3 (5')

Lab Sample ID: 880-36596-16

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/09/23 16:07	12/10/23 22:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/09/23 16:07	12/10/23 22:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/09/23 16:07	12/10/23 22:49	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/09/23 16:07	12/10/23 22:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/09/23 16:07	12/10/23 22:49	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/09/23 16:07	12/10/23 22:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130				12/09/23 16:07	12/10/23 22:49	1
1,4-Difluorobenzene (Surr)	75		70 - 130				12/09/23 16:07	12/10/23 22:49	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			12/10/23 22:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			12/08/23 19:04	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	<49.7	U	49.7		mg/Kg		12/06/23 17:39	12/08/23 19:04	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		12/06/23 17:39	12/08/23 19:04	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/06/23 17:39	12/08/23 19:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130				12/06/23 17:39	12/08/23 19:04	1
o-Terphenyl	106		70 - 130				12/06/23 17:39	12/08/23 19:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.3		5.03		mg/Kg			12/09/23 22:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Client Sample ID: T-4 (0-1')

Lab Sample ID: 880-36596-17

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/09/23 16:07	12/10/23 23:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/09/23 16:07	12/10/23 23:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/09/23 16:07	12/10/23 23:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/09/23 16:07	12/10/23 23:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/09/23 16:07	12/10/23 23:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/09/23 16:07	12/10/23 23:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	12/09/23 16:07	12/10/23 23:09	1
1,4-Difluorobenzene (Surr)	74		70 - 130	12/09/23 16:07	12/10/23 23:09	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			12/10/23 23:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			12/07/23 12:57	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	<49.6	U	49.6		mg/Kg		12/06/23 17:12	12/07/23 12:57	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		12/06/23 17:12	12/07/23 12:57	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		12/06/23 17:12	12/07/23 12:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	12/06/23 17:12	12/07/23 12:57	1
o-Terphenyl	90		70 - 130	12/06/23 17:12	12/07/23 12:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1140		25.1		mg/Kg			12/09/23 22:34	5

Client Sample ID: T-4 (1.5')

Lab Sample ID: 880-36596-18

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/09/23 16:07	12/10/23 23:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/09/23 16:07	12/10/23 23:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/09/23 16:07	12/10/23 23:30	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/09/23 16:07	12/10/23 23:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/09/23 16:07	12/10/23 23:30	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/09/23 16:07	12/10/23 23:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	12/09/23 16:07	12/10/23 23:30	1
1,4-Difluorobenzene (Surr)	74		70 - 130	12/09/23 16:07	12/10/23 23:30	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Client Sample ID: T-4 (1.5')

Lab Sample ID: 880-36596-18

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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			12/10/23 23:30	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			12/07/23 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	<50.0	U	50.0		mg/Kg		12/06/23 17:12	12/07/23 13:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/06/23 17:12	12/07/23 13:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/06/23 17:12	12/07/23 13:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				12/06/23 17:12	12/07/23 13:19	1
o-Terphenyl	84		70 - 130				12/06/23 17:12	12/07/23 13:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1250		24.8		mg/Kg			12/09/23 22:41	5

Client Sample ID: T-4 (2')

Lab Sample ID: 880-36596-19

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/09/23 16:07	12/10/23 23:50	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/09/23 16:07	12/10/23 23:50	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/09/23 16:07	12/10/23 23:50	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		12/09/23 16:07	12/10/23 23:50	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/09/23 16:07	12/10/23 23:50	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		12/09/23 16:07	12/10/23 23:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130				12/09/23 16:07	12/10/23 23:50	1
1,4-Difluorobenzene (Surr)	77		70 - 130				12/09/23 16:07	12/10/23 23:50	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			12/10/23 23:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			12/07/23 13:41	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	<50.3	U	50.3		mg/Kg		12/06/23 17:12	12/07/23 13:41	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		12/06/23 17:12	12/07/23 13:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Client Sample ID: T-4 (2')

Lab Sample ID: 880-36596-19

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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)	<50.3	U	50.3		mg/Kg		12/06/23 17:12	12/07/23 13:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/06/23 17:12	12/07/23 13:41	1
o-Terphenyl	85		70 - 130				12/06/23 17:12	12/07/23 13:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1010		25.3		mg/Kg			12/09/23 22:47	5

Client Sample ID: T-4 (3')

Lab Sample ID: 880-36596-20

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/09/23 16:07	12/11/23 00:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/09/23 16:07	12/11/23 00:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/09/23 16:07	12/11/23 00:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/09/23 16:07	12/11/23 00:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/09/23 16:07	12/11/23 00:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/09/23 16:07	12/11/23 00:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130				12/09/23 16:07	12/11/23 00:11	1
1,4-Difluorobenzene (Surr)	77		70 - 130				12/09/23 16:07	12/11/23 00:11	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			12/11/23 00:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			12/07/23 14:03	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	<50.1	U	50.1		mg/Kg		12/06/23 17:12	12/07/23 14:03	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		12/06/23 17:12	12/07/23 14:03	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		12/06/23 17:12	12/07/23 14:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/06/23 17:12	12/07/23 14:03	1
o-Terphenyl	86		70 - 130				12/06/23 17:12	12/07/23 14:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.1		5.00		mg/Kg			12/09/23 22:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Client Sample ID: T-5 (0-1')

Lab Sample ID: 880-36596-21

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/11/23 11:32	12/11/23 13:21	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		12/11/23 11:32	12/11/23 13:21	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		12/11/23 11:32	12/11/23 13:21	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/11/23 11:32	12/11/23 13:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/11/23 11:32	12/11/23 13:21	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/11/23 11:32	12/11/23 13:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	12/11/23 11:32	12/11/23 13:21	1
1,4-Difluorobenzene (Surr)	101		70 - 130	12/11/23 11:32	12/11/23 13:21	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			12/11/23 13:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			12/07/23 14:25	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	<50.4	U	50.4		mg/Kg		12/06/23 17:12	12/07/23 14:25	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		12/06/23 17:12	12/07/23 14:25	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		12/06/23 17:12	12/07/23 14:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	12/06/23 17:12	12/07/23 14:25	1
o-Terphenyl	92		70 - 130	12/06/23 17:12	12/07/23 14:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4070		50.1		mg/Kg			12/08/23 15:49	10

Client Sample ID: T-5 (1.5')

Lab Sample ID: 880-36596-22

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/11/23 11:32	12/11/23 13:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/11/23 11:32	12/11/23 13:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/11/23 11:32	12/11/23 13:41	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/11/23 11:32	12/11/23 13:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/11/23 11:32	12/11/23 13:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/11/23 11:32	12/11/23 13:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	12/11/23 11:32	12/11/23 13:41	1
1,4-Difluorobenzene (Surr)	108		70 - 130	12/11/23 11:32	12/11/23 13:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Client Sample ID: T-5 (1.5')

Lab Sample ID: 880-36596-22

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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			12/11/23 13:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			12/07/23 15:08	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	<50.5	U	50.5		mg/Kg		12/06/23 17:12	12/07/23 15:08	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		12/06/23 17:12	12/07/23 15:08	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		12/06/23 17:12	12/07/23 15:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				12/06/23 17:12	12/07/23 15:08	1
o-Terphenyl	85		70 - 130				12/06/23 17:12	12/07/23 15:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4380		50.1		mg/Kg			12/08/23 16:13	10

Client Sample ID: T-5 (2')

Lab Sample ID: 880-36596-23

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/11/23 11:32	12/11/23 14:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/11/23 11:32	12/11/23 14:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/11/23 11:32	12/11/23 14:02	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/11/23 11:32	12/11/23 14:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/11/23 11:32	12/11/23 14:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/11/23 11:32	12/11/23 14:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				12/11/23 11:32	12/11/23 14:02	1
1,4-Difluorobenzene (Surr)	110		70 - 130				12/11/23 11:32	12/11/23 14:02	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			12/11/23 14:02	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			12/07/23 15:30	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	<50.0	U	50.0		mg/Kg		12/06/23 17:12	12/07/23 15:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/06/23 17:12	12/07/23 15:30	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Client Sample ID: T-5 (2')

Lab Sample ID: 880-36596-23

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/06/23 17:12	12/07/23 15:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/06/23 17:12	12/07/23 15:30	1
o-Terphenyl	85		70 - 130				12/06/23 17:12	12/07/23 15:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3900		24.8		mg/Kg			12/08/23 16:21	5

Client Sample ID: T-5 (3')

Lab Sample ID: 880-36596-24

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/11/23 11:32	12/11/23 14:22	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/11/23 11:32	12/11/23 14:22	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/11/23 11:32	12/11/23 14:22	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/11/23 11:32	12/11/23 14:22	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/11/23 11:32	12/11/23 14:22	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/11/23 11:32	12/11/23 14:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	213	S1+	70 - 130				12/11/23 11:32	12/11/23 14:22	1
1,4-Difluorobenzene (Surr)	110		70 - 130				12/11/23 11:32	12/11/23 14:22	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			12/11/23 14:22	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			12/07/23 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	<49.9	U	49.9		mg/Kg		12/06/23 17:12	12/07/23 15:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/06/23 17:12	12/07/23 15:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/06/23 17:12	12/07/23 15:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/06/23 17:12	12/07/23 15:51	1
o-Terphenyl	78		70 - 130				12/06/23 17:12	12/07/23 15:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.7		4.96		mg/Kg			12/08/23 16:28	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Client Sample ID: T-6 (0-1')

Lab Sample ID: 880-36596-25

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/11/23 11:32	12/11/23 14:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/11/23 11:32	12/11/23 14:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/11/23 11:32	12/11/23 14:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/11/23 11:32	12/11/23 14:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/11/23 11:32	12/11/23 14:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/11/23 11:32	12/11/23 14:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	12/11/23 11:32	12/11/23 14:43	1
1,4-Difluorobenzene (Surr)	109		70 - 130	12/11/23 11:32	12/11/23 14:43	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			12/11/23 14:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			12/07/23 16:13	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	<49.7	U	49.7		mg/Kg		12/06/23 17:12	12/07/23 16:13	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		12/06/23 17:12	12/07/23 16:13	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/06/23 17:12	12/07/23 16:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130	12/06/23 17:12	12/07/23 16:13	1
o-Terphenyl	86		70 - 130	12/06/23 17:12	12/07/23 16:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2990		24.9		mg/Kg			12/08/23 16:36	5

Client Sample ID: T-6 (1.5')

Lab Sample ID: 880-36596-26

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/11/23 11:32	12/11/23 15:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/11/23 11:32	12/11/23 15:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/11/23 11:32	12/11/23 15:03	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/11/23 11:32	12/11/23 15:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/11/23 11:32	12/11/23 15:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/11/23 11:32	12/11/23 15:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	12/11/23 11:32	12/11/23 15:03	1
1,4-Difluorobenzene (Surr)	110		70 - 130	12/11/23 11:32	12/11/23 15:03	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Client Sample ID: T-6 (1.5')

Lab Sample ID: 880-36596-26

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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			12/11/23 15:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			12/07/23 16:34	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	<49.6	U	49.6		mg/Kg		12/06/23 17:12	12/07/23 16:34	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		12/06/23 17:12	12/07/23 16:34	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		12/06/23 17:12	12/07/23 16:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/06/23 17:12	12/07/23 16:34	1
o-Terphenyl	82		70 - 130				12/06/23 17:12	12/07/23 16:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3220		24.8		mg/Kg			12/08/23 17:00	5

Client Sample ID: T-6 (2')

Lab Sample ID: 880-36596-27

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/11/23 11:32	12/11/23 15:24	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/11/23 11:32	12/11/23 15:24	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/11/23 11:32	12/11/23 15:24	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/11/23 11:32	12/11/23 15:24	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/11/23 11:32	12/11/23 15:24	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/11/23 11:32	12/11/23 15:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				12/11/23 11:32	12/11/23 15:24	1
1,4-Difluorobenzene (Surr)	114		70 - 130				12/11/23 11:32	12/11/23 15:24	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			12/11/23 15:24	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			12/07/23 16:56	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		12/06/23 17:12	12/07/23 16:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/06/23 17:12	12/07/23 16:56	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Client Sample ID: T-6 (2')

Lab Sample ID: 880-36596-27

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/06/23 17:12	12/07/23 16:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/06/23 17:12	12/07/23 16:56	1
o-Terphenyl	83		70 - 130				12/06/23 17:12	12/07/23 16:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3220		24.9		mg/Kg			12/08/23 17:08	5

Client Sample ID: T-6 (3')

Lab Sample ID: 880-36596-28

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/11/23 11:32	12/11/23 15:44	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/11/23 11:32	12/11/23 15:44	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/11/23 11:32	12/11/23 15:44	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/11/23 11:32	12/11/23 15:44	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/11/23 11:32	12/11/23 15:44	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/11/23 11:32	12/11/23 15:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				12/11/23 11:32	12/11/23 15:44	1
1,4-Difluorobenzene (Surr)	116		70 - 130				12/11/23 11:32	12/11/23 15:44	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			12/11/23 15:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			12/07/23 17:18	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	<50.1	U	50.1		mg/Kg		12/06/23 17:12	12/07/23 17:18	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		12/06/23 17:12	12/07/23 17:18	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		12/06/23 17:12	12/07/23 17:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/06/23 17:12	12/07/23 17:18	1
o-Terphenyl	95		70 - 130				12/06/23 17:12	12/07/23 17:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4540		50.3		mg/Kg			12/08/23 17:16	10

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Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Client Sample ID: T-7 (0-1')

Lab Sample ID: 880-36596-29

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/11/23 11:32	12/11/23 16:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/11/23 11:32	12/11/23 16:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/11/23 11:32	12/11/23 16:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/11/23 11:32	12/11/23 16:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/11/23 11:32	12/11/23 16:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/11/23 11:32	12/11/23 16:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	12/11/23 11:32	12/11/23 16:04	1
1,4-Difluorobenzene (Surr)	116		70 - 130	12/11/23 11:32	12/11/23 16:04	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			12/11/23 16:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	59.6		50.5		mg/Kg			12/07/23 17:39	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	<50.5	U	50.5		mg/Kg		12/06/23 17:12	12/07/23 17:39	1
Diesel Range Organics (Over C10-C28)	59.6		50.5		mg/Kg		12/06/23 17:12	12/07/23 17:39	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		12/06/23 17:12	12/07/23 17:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	12/06/23 17:12	12/07/23 17:39	1
o-Terphenyl	86		70 - 130	12/06/23 17:12	12/07/23 17:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200		25.2		mg/Kg			12/08/23 17:23	5

Client Sample ID: T-7 (1.5')

Lab Sample ID: 880-36596-30

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/11/23 11:32	12/11/23 16:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/11/23 11:32	12/11/23 16:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/11/23 11:32	12/11/23 16:25	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/11/23 11:32	12/11/23 16:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/11/23 11:32	12/11/23 16:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/11/23 11:32	12/11/23 16:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	12/11/23 11:32	12/11/23 16:25	1
1,4-Difluorobenzene (Surr)	113		70 - 130	12/11/23 11:32	12/11/23 16:25	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Client Sample ID: T-7 (1.5')

Lab Sample ID: 880-36596-30

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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			12/11/23 16:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			12/07/23 18:01	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	<50.4	U	50.4		mg/Kg		12/06/23 17:12	12/07/23 18:01	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		12/06/23 17:12	12/07/23 18:01	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		12/06/23 17:12	12/07/23 18:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/06/23 17:12	12/07/23 18:01	1
o-Terphenyl	90		70 - 130				12/06/23 17:12	12/07/23 18:01	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			12/08/23 17:31	5

Client Sample ID: T-7 (2')

Lab Sample ID: 880-36596-31

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/11/23 11:32	12/11/23 18:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/11/23 11:32	12/11/23 18:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/11/23 11:32	12/11/23 18:16	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/11/23 11:32	12/11/23 18:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/11/23 11:32	12/11/23 18:16	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/11/23 11:32	12/11/23 18:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130				12/11/23 11:32	12/11/23 18:16	1
1,4-Difluorobenzene (Surr)	105		70 - 130				12/11/23 11:32	12/11/23 18:16	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			12/11/23 18:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			12/07/23 18:22	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	<50.5	U	50.5		mg/Kg		12/06/23 17:12	12/07/23 18:22	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		12/06/23 17:12	12/07/23 18:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Client Sample ID: T-7 (2')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36596-31
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		12/06/23 17:12	12/07/23 18:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				12/06/23 17:12	12/07/23 18:22	1
o-Terphenyl	98		70 - 130				12/06/23 17:12	12/07/23 18:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	996		24.9		mg/Kg			12/08/23 17:39	5

Surrogate Summary

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

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)
880-36596-1	T-1 (0-1')	80	84
880-36596-1 MS	T-1 (0-1')	101	108
880-36596-1 MSD	T-1 (0-1')	101	108
880-36596-2	T-1 (1.5')	87	76
880-36596-3	T-2 (0-1')	74	90
880-36596-4	T-2 (1.5')	84	81
880-36596-5	T-2 (2')	86	88
880-36596-6	T-2 (3')	82	84
880-36596-7	T-2 (4')	86	80
880-36596-8	T-2 (5')	80	80
880-36596-9	T-2 (6')	78	78
880-36596-10	T-2 (7')	85	79
880-36596-11	T-3 (0-1')	78	84
880-36596-12	T-3 (1.5')	82	80
880-36596-13	T-3 (2')	81	81
880-36596-14	T-3 (3')	79	79
880-36596-15	T-3 (4')	83	71
880-36596-16	T-3 (5')	82	75
880-36596-17	T-4 (0-1')	80	74
880-36596-18	T-4 (1.5')	85	74
880-36596-19	T-4 (2')	84	77
880-36596-20	T-4 (3')	84	77
880-36596-21	T-5 (0-1')	86	101
880-36596-21 MS	T-5 (0-1')	96	115
880-36596-21 MSD	T-5 (0-1')	98	108
880-36596-22	T-5 (1.5')	97	108
880-36596-23	T-5 (2')	96	110
880-36596-24	T-5 (3')	213 S1+	110
880-36596-25	T-6 (0-1')	97	109
880-36596-26	T-6 (1.5')	117	110
880-36596-27	T-6 (2')	101	114
880-36596-28	T-6 (3')	100	116
880-36596-29	T-7 (0-1')	100	116
880-36596-30	T-7 (1.5')	102	113
880-36596-31	T-7 (2')	80	105
LCS 880-68744/1-A	Lab Control Sample	103	102
LCS 880-68811/1-A	Lab Control Sample	76	115
LCSD 880-68744/2-A	Lab Control Sample Dup	96	90
LCSD 880-68811/2-A	Lab Control Sample Dup	93	110
MB 880-68687/5-A	Method Blank	66 S1-	91
MB 880-68744/5-A	Method Blank	67 S1-	91
MB 880-68811/5-A	Method Blank	126	153 S1+

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

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)
880-36589-A-41-F MS	Matrix Spike	147 S1+	109
880-36589-A-41-G MSD	Matrix Spike Duplicate	143 S1+	107
880-36596-1	T-1 (0-1')	118	103
880-36596-2	T-1 (1.5')	119	106
880-36596-3	T-2 (0-1')	122	109
880-36596-4	T-2 (1.5')	133 S1+	117
880-36596-5	T-2 (2')	143 S1+	126
880-36596-6	T-2 (3')	122	110
880-36596-7	T-2 (4')	140 S1+	124
880-36596-8	T-2 (5')	143 S1+	125
880-36596-9	T-2 (6')	115	104
880-36596-10	T-2 (7')	127	110
880-36596-11	T-3 (0-1')	154 S1+	138 S1+
880-36596-12	T-3 (1.5')	138 S1+	124
880-36596-13	T-3 (2')	134 S1+	119
880-36596-14	T-3 (3')	115	102
880-36596-15	T-3 (4')	137 S1+	129
880-36596-16	T-3 (5')	123	106
880-36596-17	T-4 (0-1')	83	90
880-36596-18	T-4 (1.5')	78	84
880-36596-19	T-4 (2')	81	85
880-36596-20	T-4 (3')	82	86
880-36596-21	T-5 (0-1')	88	92
880-36596-22	T-5 (1.5')	78	85
880-36596-23	T-5 (2')	76	85
880-36596-24	T-5 (3')	75	78
880-36596-25	T-6 (0-1')	77	86
880-36596-26	T-6 (1.5')	76	82
880-36596-27	T-6 (2')	73	83
880-36596-28	T-6 (3')	88	95
880-36596-29	T-7 (0-1')	80	86
880-36596-30	T-7 (1.5')	81	90
880-36596-31	T-7 (2')	87	98
890-5712-A-24-D MS	Matrix Spike	95	84
890-5712-A-24-E MSD	Matrix Spike Duplicate	85	84
LCS 880-68547/2-A	Lab Control Sample	93	97
LCS 880-68551/2-A	Lab Control Sample	89	105
LCSD 880-68547/3-A	Lab Control Sample Dup	80	85
LCSD 880-68551/3-A	Lab Control Sample Dup	89	88
MB 880-68547/1-A	Method Blank	139 S1+	153 S1+
MB 880-68551/1-A	Method Blank	192 S1+	194 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-68687/5-A

Matrix: Solid

Analysis Batch: 68741

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 68687

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/08/23 14:45	12/10/23 05:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/08/23 14:45	12/10/23 05:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/08/23 14:45	12/10/23 05:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/08/23 14:45	12/10/23 05:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/08/23 14:45	12/10/23 05:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/08/23 14:45	12/10/23 05:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	66	S1-	70 - 130	12/08/23 14:45	12/10/23 05:33	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/08/23 14:45	12/10/23 05:33	1

Lab Sample ID: MB 880-68744/5-A

Matrix: Solid

Analysis Batch: 68741

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 68744

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/09/23 16:07	12/10/23 16:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/09/23 16:07	12/10/23 16:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/09/23 16:07	12/10/23 16:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/09/23 16:07	12/10/23 16:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/09/23 16:07	12/10/23 16:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/09/23 16:07	12/10/23 16:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	67	S1-	70 - 130	12/09/23 16:07	12/10/23 16:13	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/09/23 16:07	12/10/23 16:13	1

Lab Sample ID: LCS 880-68744/1-A

Matrix: Solid

Analysis Batch: 68741

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 68744

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1050		mg/Kg		105	70 - 130
Toluene	0.100	0.09092		mg/Kg		91	70 - 130
Ethylbenzene	0.100	0.09509		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09183		mg/Kg		92	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-68744/2-A

Matrix: Solid

Analysis Batch: 68741

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 68744

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1010		mg/Kg		101	70 - 130	4	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-68744/2-A

Matrix: Solid

Analysis Batch: 68741

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 68744

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Toluene	0.100	0.09059		mg/Kg		91	70 - 130		0	35
Ethylbenzene	0.100	0.09404		mg/Kg		94	70 - 130		1	35
m-Xylene & p-Xylene	0.200	0.1934		mg/Kg		97	70 - 130		3	35
o-Xylene	0.100	0.09318		mg/Kg		93	70 - 130		1	35

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: 880-36596-1 MS

Matrix: Solid

Analysis Batch: 68741

Client Sample ID: T-1 (0-1')

Prep Type: Total/NA

Prep Batch: 68744

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Benzene	<0.00198	U	0.0990	0.08145		mg/Kg		82	70 - 130	
Toluene	<0.00198	U F1	0.0990	0.06590	F1	mg/Kg		66	70 - 130	
Ethylbenzene	<0.00198	U F1	0.0990	0.07022		mg/Kg		71	70 - 130	
m-Xylene & p-Xylene	<0.00397	U F1	0.198	0.1341	F1	mg/Kg		68	70 - 130	
o-Xylene	<0.00198	U F1	0.0990	0.06417	F1	mg/Kg		65	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 880-36596-1 MSD

Matrix: Solid

Analysis Batch: 68741

Client Sample ID: T-1 (0-1')

Prep Type: Total/NA

Prep Batch: 68744

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits			
Benzene	<0.00198	U	0.101	0.07248		mg/Kg		72	70 - 130		12	35
Toluene	<0.00198	U F1	0.101	0.06160	F1	mg/Kg		60	70 - 130		7	35
Ethylbenzene	<0.00198	U F1	0.101	0.06678	F1	mg/Kg		66	70 - 130		5	35
m-Xylene & p-Xylene	<0.00397	U F1	0.202	0.1276	F1	mg/Kg		63	70 - 130		5	35
o-Xylene	<0.00198	U F1	0.101	0.06166	F1	mg/Kg		61	70 - 130		4	35

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: MB 880-68811/5-A

Matrix: Solid

Analysis Batch: 68759

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 68811

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/11/23 11:32	12/11/23 12:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/11/23 11:32	12/11/23 12:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/11/23 11:32	12/11/23 12:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/11/23 11:32	12/11/23 12:52	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-68811/5-A

Matrix: Solid

Analysis Batch: 68759

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 68811

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/11/23 11:32	12/11/23 12:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/11/23 11:32	12/11/23 12:52	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				12/11/23 11:32	12/11/23 12:52	1
1,4-Difluorobenzene (Surr)	153	S1+	70 - 130				12/11/23 11:32	12/11/23 12:52	1

Lab Sample ID: LCS 880-68811/1-A

Matrix: Solid

Analysis Batch: 68759

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 68811

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08608		mg/Kg		86	70 - 130
Toluene	0.100	0.08347		mg/Kg		83	70 - 130
Ethylbenzene	0.100	0.07009		mg/Kg		70	70 - 130
m-Xylene & p-Xylene	0.200	0.1618		mg/Kg		81	70 - 130
o-Xylene	0.100	0.07728		mg/Kg		77	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	76		70 - 130				
1,4-Difluorobenzene (Surr)	115		70 - 130				

Lab Sample ID: LCSD 880-68811/2-A

Matrix: Solid

Analysis Batch: 68759

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 68811

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1005		mg/Kg		100	70 - 130	15	35
Toluene	0.100	0.08379		mg/Kg		84	70 - 130	0	35
Ethylbenzene	0.100	0.07849		mg/Kg		78	70 - 130	11	35
m-Xylene & p-Xylene	0.200	0.1801		mg/Kg		90	70 - 130	11	35
o-Xylene	0.100	0.08728		mg/Kg		87	70 - 130	12	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	93		70 - 130						
1,4-Difluorobenzene (Surr)	110		70 - 130						

Lab Sample ID: 880-36596-21 MS

Matrix: Solid

Analysis Batch: 68759

Client Sample ID: T-5 (0-1')

Prep Type: Total/NA

Prep Batch: 68811

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.07000		mg/Kg		70	70 - 130
Toluene	<0.00200	U F1	0.0998	0.06745	F1	mg/Kg		68	70 - 130
Ethylbenzene	<0.00200	U F1	0.0998	0.06143	F1	mg/Kg		62	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1478		mg/Kg		74	70 - 130
o-Xylene	<0.00200	U	0.0998	0.07113		mg/Kg		71	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-36596-21 MS

Matrix: Solid

Analysis Batch: 68759

Client Sample ID: T-5 (0-1')

Prep Type: Total/NA

Prep Batch: 68811

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	115		70 - 130

Lab Sample ID: 880-36596-21 MSD

Matrix: Solid

Analysis Batch: 68759

Client Sample ID: T-5 (0-1')

Prep Type: Total/NA

Prep Batch: 68811

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0996	0.08075		mg/Kg		81	70 - 130	14	35
Toluene	<0.00200	U F1	0.0996	0.06974		mg/Kg		70	70 - 130	3	35
Ethylbenzene	<0.00200	U F1	0.0996	0.06303	F1	mg/Kg		63	70 - 130	3	35
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1590		mg/Kg		80	70 - 130	7	35
o-Xylene	<0.00200	U	0.0996	0.07541		mg/Kg		76	70 - 130	6	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

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

Lab Sample ID: MB 880-68547/1-A

Matrix: Solid

Analysis Batch: 68559

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 68547

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		12/06/23 17:12	12/07/23 07:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/06/23 17:12	12/07/23 07:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/06/23 17:12	12/07/23 07:53	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	139	S1+	70 - 130	12/06/23 17:12	12/07/23 07:53	1			
o-Terphenyl	153	S1+	70 - 130	12/06/23 17:12	12/07/23 07:53	1			

Lab Sample ID: LCS 880-68547/2-A

Matrix: Solid

Analysis Batch: 68559

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 68547

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	885.4		mg/Kg		89	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	946.0		mg/Kg		95	70 - 130		

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	93		70 - 130
o-Terphenyl	97		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-68547/3-A
Matrix: Solid
Analysis Batch: 68559

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 68547

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	844.5		mg/Kg		84	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	820.6		mg/Kg		82	70 - 130	14	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	80		70 - 130						
o-Terphenyl	85		70 - 130						

Lab Sample ID: 890-5712-A-24-D MS
Matrix: Solid
Analysis Batch: 68559

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 68547

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1010	866.0		mg/Kg		86	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.1	U	1010	887.3		mg/Kg		88	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	95		70 - 130								
o-Terphenyl	84		70 - 130								

Lab Sample ID: 890-5712-A-24-E MSD
Matrix: Solid
Analysis Batch: 68559

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 68547

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	<50.1	U	1010	788.8		mg/Kg		78	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	<50.1	U	1010	861.9		mg/Kg		85	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	85		70 - 130								
o-Terphenyl	84		70 - 130								

Lab Sample ID: MB 880-68551/1-A
Matrix: Solid
Analysis Batch: 68637

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 68551

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		12/06/23 17:37	12/08/23 08:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/06/23 17:37	12/08/23 08:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/06/23 17:37	12/08/23 08:19	1

QC Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-68551/1-A

Matrix: Solid

Analysis Batch: 68637

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 68551

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	192	S1+	70 - 130	12/06/23 17:37	12/08/23 08:19	1
o-Terphenyl	194	S1+	70 - 130	12/06/23 17:37	12/08/23 08:19	1

Lab Sample ID: LCS 880-68551/2-A

Matrix: Solid

Analysis Batch: 68637

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 68551

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	977.7		mg/Kg		98	70 - 130
Diesel Range Organics (Over C10-C28)	1000	864.7		mg/Kg		86	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	89		70 - 130
o-Terphenyl	105		70 - 130

Lab Sample ID: LCSD 880-68551/3-A

Matrix: Solid

Analysis Batch: 68637

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 68551

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	982.6		mg/Kg		98	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	909.3		mg/Kg		91	70 - 130	5	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	89		70 - 130
o-Terphenyl	88		70 - 130

Lab Sample ID: 880-36589-A-41-F MS

Matrix: Solid

Analysis Batch: 68637

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 68551

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	1010	1064		mg/Kg		102	70 - 130
Diesel Range Organics (Over C10-C28)	<49.6	U F1	1010	1470	F1	mg/Kg		144	70 - 130

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	147	S1+	70 - 130
o-Terphenyl	109		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-36589-A-41-G MSD

Matrix: Solid

Analysis Batch: 68637

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 68551

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	1010	1201		mg/Kg		116	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	<49.6	U F1	1010	1434	F1	mg/Kg		140	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	143	S1+	70 - 130								
o-Terphenyl	107		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-68527/1-A

Matrix: Solid

Analysis Batch: 68624

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			12/09/23 19:38	1

Lab Sample ID: LCS 880-68527/2-A

Matrix: Solid

Analysis Batch: 68624

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	255.6		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-68527/3-A

Matrix: Solid

Analysis Batch: 68624

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	RPD	RPD
							Limits		Limit
Chloride	250	254.1		mg/Kg		102	90 - 110	1	20

Lab Sample ID: 880-36596-1 MS

Matrix: Solid

Analysis Batch: 68624

Client Sample ID: T-1 (0-1')

Prep Type: Soluble

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier			Limits			
Chloride	803	F1	1260	2347	F1	mg/Ka		123	90 - 110		

Lab Sample ID: 880-36596-1 MSD

Matrix: Solid

Analysis Batch: 68624

Client Sample ID: T-1 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	803	F1	1260	2351	F1	mg/Kg	-	123	90 - 110	0	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-36596-11 MS

Matrix: Solid

Analysis Batch: 68624

Client Sample ID: T-3 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	2490	F1	1240	3975	F1	mg/Kg		119	90 - 110		

Lab Sample ID: 880-36596-11 MSD

Matrix: Solid

Analysis Batch: 68624

Client Sample ID: T-3 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2490	F1	1240	3940	F1	mg/Kg		117	90 - 110	1	20

Lab Sample ID: MB 880-68528/1-A

Matrix: Solid

Analysis Batch: 68633

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			12/08/23 15:26	1

Lab Sample ID: LCS 880-68528/2-A

Matrix: Solid

Analysis Batch: 68633

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	248.9		mg/Kg		100	90 - 110		

Lab Sample ID: LCSD 880-68528/3-A

Matrix: Solid

Analysis Batch: 68633

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	1	20

Lab Sample ID: 880-36596-21 MS

Matrix: Solid

Analysis Batch: 68633

Client Sample ID: T-5 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	4070		2510	6603		mg/Kg		101	90 - 110		

Lab Sample ID: 880-36596-21 MSD

Matrix: Solid

Analysis Batch: 68633

Client Sample ID: T-5 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4070		2510	6451		mg/Kg		95	90 - 110	2	20

Lab Sample ID: 880-36596-31 MS

Matrix: Solid

Analysis Batch: 68633

Client Sample ID: T-7 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	996		1250	2273		mg/Kg		103	90 - 110		

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QC Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-36596-31 MSD						Client Sample ID: T-7 (2')					
Matrix: Solid						Prep Type: Soluble					
Analysis Batch: 68633											
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	996		1250	2168		mg/Kg		94	90 - 110	5	20

QC Association Summary

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

GC VOA

Prep Batch: 68687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-68687/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 68741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36596-1	T-1 (0-1')	Total/NA	Solid	8021B	68744
880-36596-2	T-1 (1.5')	Total/NA	Solid	8021B	68744
880-36596-3	T-2 (0-1')	Total/NA	Solid	8021B	68744
880-36596-4	T-2 (1.5')	Total/NA	Solid	8021B	68744
880-36596-5	T-2 (2')	Total/NA	Solid	8021B	68744
880-36596-6	T-2 (3')	Total/NA	Solid	8021B	68744
880-36596-7	T-2 (4')	Total/NA	Solid	8021B	68744
880-36596-8	T-2 (5')	Total/NA	Solid	8021B	68744
880-36596-9	T-2 (6')	Total/NA	Solid	8021B	68744
880-36596-10	T-2 (7')	Total/NA	Solid	8021B	68744
880-36596-11	T-3 (0-1')	Total/NA	Solid	8021B	68744
880-36596-12	T-3 (1.5')	Total/NA	Solid	8021B	68744
880-36596-13	T-3 (2')	Total/NA	Solid	8021B	68744
880-36596-14	T-3 (3')	Total/NA	Solid	8021B	68744
880-36596-15	T-3 (4')	Total/NA	Solid	8021B	68744
880-36596-16	T-3 (5')	Total/NA	Solid	8021B	68744
880-36596-17	T-4 (0-1')	Total/NA	Solid	8021B	68744
880-36596-18	T-4 (1.5')	Total/NA	Solid	8021B	68744
880-36596-19	T-4 (2')	Total/NA	Solid	8021B	68744
880-36596-20	T-4 (3')	Total/NA	Solid	8021B	68744
MB 880-68687/5-A	Method Blank	Total/NA	Solid	8021B	68687
MB 880-68744/5-A	Method Blank	Total/NA	Solid	8021B	68744
LCS 880-68744/1-A	Lab Control Sample	Total/NA	Solid	8021B	68744
LCSD 880-68744/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	68744
880-36596-1 MS	T-1 (0-1')	Total/NA	Solid	8021B	68744
880-36596-1 MSD	T-1 (0-1')	Total/NA	Solid	8021B	68744

Prep Batch: 68744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36596-1	T-1 (0-1')	Total/NA	Solid	5035	
880-36596-2	T-1 (1.5')	Total/NA	Solid	5035	
880-36596-3	T-2 (0-1')	Total/NA	Solid	5035	
880-36596-4	T-2 (1.5')	Total/NA	Solid	5035	
880-36596-5	T-2 (2')	Total/NA	Solid	5035	
880-36596-6	T-2 (3')	Total/NA	Solid	5035	
880-36596-7	T-2 (4')	Total/NA	Solid	5035	
880-36596-8	T-2 (5')	Total/NA	Solid	5035	
880-36596-9	T-2 (6')	Total/NA	Solid	5035	
880-36596-10	T-2 (7')	Total/NA	Solid	5035	
880-36596-11	T-3 (0-1')	Total/NA	Solid	5035	
880-36596-12	T-3 (1.5')	Total/NA	Solid	5035	
880-36596-13	T-3 (2')	Total/NA	Solid	5035	
880-36596-14	T-3 (3')	Total/NA	Solid	5035	
880-36596-15	T-3 (4')	Total/NA	Solid	5035	
880-36596-16	T-3 (5')	Total/NA	Solid	5035	
880-36596-17	T-4 (0-1')	Total/NA	Solid	5035	
880-36596-18	T-4 (1.5')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

GC VOA (Continued)

Prep Batch: 68744 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36596-19	T-4 (2')	Total/NA	Solid	5035	
880-36596-20	T-4 (3')	Total/NA	Solid	5035	
MB 880-68744/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-68744/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-68744/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-36596-1 MS	T-1 (0-1')	Total/NA	Solid	5035	
880-36596-1 MSD	T-1 (0-1')	Total/NA	Solid	5035	

Analysis Batch: 68759

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36596-21	T-5 (0-1')	Total/NA	Solid	8021B	68811
880-36596-22	T-5 (1.5')	Total/NA	Solid	8021B	68811
880-36596-23	T-5 (2')	Total/NA	Solid	8021B	68811
880-36596-24	T-5 (3')	Total/NA	Solid	8021B	68811
880-36596-25	T-6 (0-1')	Total/NA	Solid	8021B	68811
880-36596-26	T-6 (1.5')	Total/NA	Solid	8021B	68811
880-36596-27	T-6 (2')	Total/NA	Solid	8021B	68811
880-36596-28	T-6 (3')	Total/NA	Solid	8021B	68811
880-36596-29	T-7 (0-1')	Total/NA	Solid	8021B	68811
880-36596-30	T-7 (1.5')	Total/NA	Solid	8021B	68811
880-36596-31	T-7 (2')	Total/NA	Solid	8021B	68811
MB 880-68811/5-A	Method Blank	Total/NA	Solid	8021B	68811
LCS 880-68811/1-A	Lab Control Sample	Total/NA	Solid	8021B	68811
LCSD 880-68811/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	68811
880-36596-21 MS	T-5 (0-1')	Total/NA	Solid	8021B	68811
880-36596-21 MSD	T-5 (0-1')	Total/NA	Solid	8021B	68811

Prep Batch: 68811

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36596-21	T-5 (0-1')	Total/NA	Solid	5035	
880-36596-22	T-5 (1.5')	Total/NA	Solid	5035	
880-36596-23	T-5 (2')	Total/NA	Solid	5035	
880-36596-24	T-5 (3')	Total/NA	Solid	5035	
880-36596-25	T-6 (0-1')	Total/NA	Solid	5035	
880-36596-26	T-6 (1.5')	Total/NA	Solid	5035	
880-36596-27	T-6 (2')	Total/NA	Solid	5035	
880-36596-28	T-6 (3')	Total/NA	Solid	5035	
880-36596-29	T-7 (0-1')	Total/NA	Solid	5035	
880-36596-30	T-7 (1.5')	Total/NA	Solid	5035	
880-36596-31	T-7 (2')	Total/NA	Solid	5035	
MB 880-68811/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-68811/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-68811/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-36596-21 MS	T-5 (0-1')	Total/NA	Solid	5035	
880-36596-21 MSD	T-5 (0-1')	Total/NA	Solid	5035	

Analysis Batch: 68834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36596-1	T-1 (0-1')	Total/NA	Solid	Total BTEX	
880-36596-2	T-1 (1.5')	Total/NA	Solid	Total BTEX	
880-36596-3	T-2 (0-1')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 68834 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36596-4	T-2 (1.5')	Total/NA	Solid	Total BTEX	
880-36596-5	T-2 (2')	Total/NA	Solid	Total BTEX	
880-36596-6	T-2 (3')	Total/NA	Solid	Total BTEX	
880-36596-7	T-2 (4')	Total/NA	Solid	Total BTEX	
880-36596-8	T-2 (5')	Total/NA	Solid	Total BTEX	
880-36596-9	T-2 (6')	Total/NA	Solid	Total BTEX	
880-36596-10	T-2 (7')	Total/NA	Solid	Total BTEX	
880-36596-11	T-3 (0-1')	Total/NA	Solid	Total BTEX	
880-36596-12	T-3 (1.5')	Total/NA	Solid	Total BTEX	
880-36596-13	T-3 (2')	Total/NA	Solid	Total BTEX	
880-36596-14	T-3 (3')	Total/NA	Solid	Total BTEX	
880-36596-15	T-3 (4')	Total/NA	Solid	Total BTEX	
880-36596-16	T-3 (5')	Total/NA	Solid	Total BTEX	
880-36596-17	T-4 (0-1')	Total/NA	Solid	Total BTEX	
880-36596-18	T-4 (1.5')	Total/NA	Solid	Total BTEX	
880-36596-19	T-4 (2')	Total/NA	Solid	Total BTEX	
880-36596-20	T-4 (3')	Total/NA	Solid	Total BTEX	
880-36596-21	T-5 (0-1')	Total/NA	Solid	Total BTEX	
880-36596-22	T-5 (1.5')	Total/NA	Solid	Total BTEX	
880-36596-23	T-5 (2')	Total/NA	Solid	Total BTEX	
880-36596-24	T-5 (3')	Total/NA	Solid	Total BTEX	
880-36596-25	T-6 (0-1')	Total/NA	Solid	Total BTEX	
880-36596-26	T-6 (1.5')	Total/NA	Solid	Total BTEX	
880-36596-27	T-6 (2')	Total/NA	Solid	Total BTEX	
880-36596-28	T-6 (3')	Total/NA	Solid	Total BTEX	
880-36596-29	T-7 (0-1')	Total/NA	Solid	Total BTEX	
880-36596-30	T-7 (1.5')	Total/NA	Solid	Total BTEX	
880-36596-31	T-7 (2')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 68547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36596-17	T-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-36596-18	T-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-36596-19	T-4 (2')	Total/NA	Solid	8015NM Prep	
880-36596-20	T-4 (3')	Total/NA	Solid	8015NM Prep	
880-36596-21	T-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-36596-22	T-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-36596-23	T-5 (2')	Total/NA	Solid	8015NM Prep	
880-36596-24	T-5 (3')	Total/NA	Solid	8015NM Prep	
880-36596-25	T-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-36596-26	T-6 (1.5')	Total/NA	Solid	8015NM Prep	
880-36596-27	T-6 (2')	Total/NA	Solid	8015NM Prep	
880-36596-28	T-6 (3')	Total/NA	Solid	8015NM Prep	
880-36596-29	T-7 (0-1')	Total/NA	Solid	8015NM Prep	
880-36596-30	T-7 (1.5')	Total/NA	Solid	8015NM Prep	
880-36596-31	T-7 (2')	Total/NA	Solid	8015NM Prep	
MB 880-68547/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-68547/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-68547/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Prep Batch: 68547 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5712-A-24-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-5712-A-24-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 68551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36596-1	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-36596-2	T-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-36596-3	T-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-36596-4	T-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-36596-5	T-2 (2')	Total/NA	Solid	8015NM Prep	
880-36596-6	T-2 (3')	Total/NA	Solid	8015NM Prep	
880-36596-7	T-2 (4')	Total/NA	Solid	8015NM Prep	
880-36596-8	T-2 (5')	Total/NA	Solid	8015NM Prep	
880-36596-9	T-2 (6')	Total/NA	Solid	8015NM Prep	
880-36596-10	T-2 (7')	Total/NA	Solid	8015NM Prep	
880-36596-11	T-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-36596-12	T-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-36596-13	T-3 (2')	Total/NA	Solid	8015NM Prep	
880-36596-14	T-3 (3')	Total/NA	Solid	8015NM Prep	
880-36596-15	T-3 (4')	Total/NA	Solid	8015NM Prep	
880-36596-16	T-3 (5')	Total/NA	Solid	8015NM Prep	
MB 880-68551/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-68551/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-68551/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-36589-A-41-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-36589-A-41-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 68559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36596-17	T-4 (0-1')	Total/NA	Solid	8015B NM	68547
880-36596-18	T-4 (1.5')	Total/NA	Solid	8015B NM	68547
880-36596-19	T-4 (2')	Total/NA	Solid	8015B NM	68547
880-36596-20	T-4 (3')	Total/NA	Solid	8015B NM	68547
880-36596-21	T-5 (0-1')	Total/NA	Solid	8015B NM	68547
880-36596-22	T-5 (1.5')	Total/NA	Solid	8015B NM	68547
880-36596-23	T-5 (2')	Total/NA	Solid	8015B NM	68547
880-36596-24	T-5 (3')	Total/NA	Solid	8015B NM	68547
880-36596-25	T-6 (0-1')	Total/NA	Solid	8015B NM	68547
880-36596-26	T-6 (1.5')	Total/NA	Solid	8015B NM	68547
880-36596-27	T-6 (2')	Total/NA	Solid	8015B NM	68547
880-36596-28	T-6 (3')	Total/NA	Solid	8015B NM	68547
880-36596-29	T-7 (0-1')	Total/NA	Solid	8015B NM	68547
880-36596-30	T-7 (1.5')	Total/NA	Solid	8015B NM	68547
880-36596-31	T-7 (2')	Total/NA	Solid	8015B NM	68547
MB 880-68547/1-A	Method Blank	Total/NA	Solid	8015B NM	68547
LCS 880-68547/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	68547
LCSD 880-68547/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	68547
890-5712-A-24-D MS	Matrix Spike	Total/NA	Solid	8015B NM	68547
890-5712-A-24-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	68547

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

GC Semi VOA

Analysis Batch: 68637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36596-1	T-1 (0-1')	Total/NA	Solid	8015B NM	68551
880-36596-2	T-1 (1.5')	Total/NA	Solid	8015B NM	68551
880-36596-3	T-2 (0-1')	Total/NA	Solid	8015B NM	68551
880-36596-4	T-2 (1.5')	Total/NA	Solid	8015B NM	68551
880-36596-5	T-2 (2')	Total/NA	Solid	8015B NM	68551
880-36596-6	T-2 (3')	Total/NA	Solid	8015B NM	68551
880-36596-7	T-2 (4')	Total/NA	Solid	8015B NM	68551
880-36596-8	T-2 (5')	Total/NA	Solid	8015B NM	68551
880-36596-9	T-2 (6')	Total/NA	Solid	8015B NM	68551
880-36596-10	T-2 (7')	Total/NA	Solid	8015B NM	68551
880-36596-11	T-3 (0-1')	Total/NA	Solid	8015B NM	68551
880-36596-12	T-3 (1.5')	Total/NA	Solid	8015B NM	68551
880-36596-13	T-3 (2')	Total/NA	Solid	8015B NM	68551
880-36596-14	T-3 (3')	Total/NA	Solid	8015B NM	68551
880-36596-15	T-3 (4')	Total/NA	Solid	8015B NM	68551
880-36596-16	T-3 (5')	Total/NA	Solid	8015B NM	68551
MB 880-68551/1-A	Method Blank	Total/NA	Solid	8015B NM	68551
LCS 880-68551/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	68551
LCSD 880-68551/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	68551
880-36589-A-41-F MS	Matrix Spike	Total/NA	Solid	8015B NM	68551
880-36589-A-41-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	68551

Analysis Batch: 68658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36596-1	T-1 (0-1')	Total/NA	Solid	8015 NM	
880-36596-2	T-1 (1.5')	Total/NA	Solid	8015 NM	
880-36596-3	T-2 (0-1')	Total/NA	Solid	8015 NM	
880-36596-4	T-2 (1.5')	Total/NA	Solid	8015 NM	
880-36596-5	T-2 (2')	Total/NA	Solid	8015 NM	
880-36596-6	T-2 (3')	Total/NA	Solid	8015 NM	
880-36596-7	T-2 (4')	Total/NA	Solid	8015 NM	
880-36596-8	T-2 (5')	Total/NA	Solid	8015 NM	
880-36596-9	T-2 (6')	Total/NA	Solid	8015 NM	
880-36596-10	T-2 (7')	Total/NA	Solid	8015 NM	
880-36596-11	T-3 (0-1')	Total/NA	Solid	8015 NM	
880-36596-12	T-3 (1.5')	Total/NA	Solid	8015 NM	
880-36596-13	T-3 (2')	Total/NA	Solid	8015 NM	
880-36596-14	T-3 (3')	Total/NA	Solid	8015 NM	
880-36596-15	T-3 (4')	Total/NA	Solid	8015 NM	
880-36596-16	T-3 (5')	Total/NA	Solid	8015 NM	
880-36596-17	T-4 (0-1')	Total/NA	Solid	8015 NM	
880-36596-18	T-4 (1.5')	Total/NA	Solid	8015 NM	
880-36596-19	T-4 (2')	Total/NA	Solid	8015 NM	
880-36596-20	T-4 (3')	Total/NA	Solid	8015 NM	
880-36596-21	T-5 (0-1')	Total/NA	Solid	8015 NM	
880-36596-22	T-5 (1.5')	Total/NA	Solid	8015 NM	
880-36596-23	T-5 (2')	Total/NA	Solid	8015 NM	
880-36596-24	T-5 (3')	Total/NA	Solid	8015 NM	
880-36596-25	T-6 (0-1')	Total/NA	Solid	8015 NM	
880-36596-26	T-6 (1.5')	Total/NA	Solid	8015 NM	
880-36596-27	T-6 (2')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 68658 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36596-28	T-6 (3')	Total/NA	Solid	8015 NM	
880-36596-29	T-7 (0-1')	Total/NA	Solid	8015 NM	
880-36596-30	T-7 (1.5')	Total/NA	Solid	8015 NM	
880-36596-31	T-7 (2')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 68527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36596-1	T-1 (0-1')	Soluble	Solid	DI Leach	
880-36596-2	T-1 (1.5')	Soluble	Solid	DI Leach	
880-36596-3	T-2 (0-1')	Soluble	Solid	DI Leach	
880-36596-4	T-2 (1.5')	Soluble	Solid	DI Leach	
880-36596-5	T-2 (2')	Soluble	Solid	DI Leach	
880-36596-6	T-2 (3')	Soluble	Solid	DI Leach	
880-36596-7	T-2 (4')	Soluble	Solid	DI Leach	
880-36596-8	T-2 (5')	Soluble	Solid	DI Leach	
880-36596-9	T-2 (6')	Soluble	Solid	DI Leach	
880-36596-10	T-2 (7')	Soluble	Solid	DI Leach	
880-36596-11	T-3 (0-1')	Soluble	Solid	DI Leach	
880-36596-12	T-3 (1.5')	Soluble	Solid	DI Leach	
880-36596-13	T-3 (2')	Soluble	Solid	DI Leach	
880-36596-14	T-3 (3')	Soluble	Solid	DI Leach	
880-36596-15	T-3 (4')	Soluble	Solid	DI Leach	
880-36596-16	T-3 (5')	Soluble	Solid	DI Leach	
880-36596-17	T-4 (0-1')	Soluble	Solid	DI Leach	
880-36596-18	T-4 (1.5')	Soluble	Solid	DI Leach	
880-36596-19	T-4 (2')	Soluble	Solid	DI Leach	
880-36596-20	T-4 (3')	Soluble	Solid	DI Leach	
MB 880-68527/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-68527/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-68527/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-36596-1 MS	T-1 (0-1')	Soluble	Solid	DI Leach	
880-36596-1 MSD	T-1 (0-1')	Soluble	Solid	DI Leach	
880-36596-11 MS	T-3 (0-1')	Soluble	Solid	DI Leach	
880-36596-11 MSD	T-3 (0-1')	Soluble	Solid	DI Leach	

Leach Batch: 68528

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36596-21	T-5 (0-1')	Soluble	Solid	DI Leach	
880-36596-22	T-5 (1.5')	Soluble	Solid	DI Leach	
880-36596-23	T-5 (2')	Soluble	Solid	DI Leach	
880-36596-24	T-5 (3')	Soluble	Solid	DI Leach	
880-36596-25	T-6 (0-1')	Soluble	Solid	DI Leach	
880-36596-26	T-6 (1.5')	Soluble	Solid	DI Leach	
880-36596-27	T-6 (2')	Soluble	Solid	DI Leach	
880-36596-28	T-6 (3')	Soluble	Solid	DI Leach	
880-36596-29	T-7 (0-1')	Soluble	Solid	DI Leach	
880-36596-30	T-7 (1.5')	Soluble	Solid	DI Leach	
880-36596-31	T-7 (2')	Soluble	Solid	DI Leach	
MB 880-68528/1-A	Method Blank	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Leach Batch: 68528 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-68528/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-68528/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-36596-21 MS	T-5 (0-1')	Soluble	Solid	DI Leach	
880-36596-21 MSD	T-5 (0-1')	Soluble	Solid	DI Leach	
880-36596-31 MS	T-7 (2')	Soluble	Solid	DI Leach	
880-36596-31 MSD	T-7 (2')	Soluble	Solid	DI Leach	

Analysis Batch: 68624

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36596-1	T-1 (0-1')	Soluble	Solid	300.0	68527
880-36596-2	T-1 (1.5')	Soluble	Solid	300.0	68527
880-36596-3	T-2 (0-1')	Soluble	Solid	300.0	68527
880-36596-4	T-2 (1.5')	Soluble	Solid	300.0	68527
880-36596-5	T-2 (2')	Soluble	Solid	300.0	68527
880-36596-6	T-2 (3')	Soluble	Solid	300.0	68527
880-36596-7	T-2 (4')	Soluble	Solid	300.0	68527
880-36596-8	T-2 (5')	Soluble	Solid	300.0	68527
880-36596-9	T-2 (6')	Soluble	Solid	300.0	68527
880-36596-10	T-2 (7')	Soluble	Solid	300.0	68527
880-36596-11	T-3 (0-1')	Soluble	Solid	300.0	68527
880-36596-12	T-3 (1.5')	Soluble	Solid	300.0	68527
880-36596-13	T-3 (2')	Soluble	Solid	300.0	68527
880-36596-14	T-3 (3')	Soluble	Solid	300.0	68527
880-36596-15	T-3 (4')	Soluble	Solid	300.0	68527
880-36596-16	T-3 (5')	Soluble	Solid	300.0	68527
880-36596-17	T-4 (0-1')	Soluble	Solid	300.0	68527
880-36596-18	T-4 (1.5')	Soluble	Solid	300.0	68527
880-36596-19	T-4 (2')	Soluble	Solid	300.0	68527
880-36596-20	T-4 (3')	Soluble	Solid	300.0	68527
MB 880-68527/1-A	Method Blank	Soluble	Solid	300.0	68527
LCS 880-68527/2-A	Lab Control Sample	Soluble	Solid	300.0	68527
LCSD 880-68527/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	68527
880-36596-1 MS	T-1 (0-1')	Soluble	Solid	300.0	68527
880-36596-1 MSD	T-1 (0-1')	Soluble	Solid	300.0	68527
880-36596-11 MS	T-3 (0-1')	Soluble	Solid	300.0	68527
880-36596-11 MSD	T-3 (0-1')	Soluble	Solid	300.0	68527

Analysis Batch: 68633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36596-21	T-5 (0-1')	Soluble	Solid	300.0	68528
880-36596-22	T-5 (1.5')	Soluble	Solid	300.0	68528
880-36596-23	T-5 (2')	Soluble	Solid	300.0	68528
880-36596-24	T-5 (3')	Soluble	Solid	300.0	68528
880-36596-25	T-6 (0-1')	Soluble	Solid	300.0	68528
880-36596-26	T-6 (1.5')	Soluble	Solid	300.0	68528
880-36596-27	T-6 (2')	Soluble	Solid	300.0	68528
880-36596-28	T-6 (3')	Soluble	Solid	300.0	68528
880-36596-29	T-7 (0-1')	Soluble	Solid	300.0	68528
880-36596-30	T-7 (1.5')	Soluble	Solid	300.0	68528
880-36596-31	T-7 (2')	Soluble	Solid	300.0	68528
MB 880-68528/1-A	Method Blank	Soluble	Solid	300.0	68528

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Analysis Batch: 68633 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-68528/2-A	Lab Control Sample	Soluble	Solid	300.0	68528
LCSD 880-68528/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	68528
880-36596-21 MS	T-5 (0-1')	Soluble	Solid	300.0	68528
880-36596-21 MSD	T-5 (0-1')	Soluble	Solid	300.0	68528
880-36596-31 MS	T-7 (2')	Soluble	Solid	300.0	68528
880-36596-31 MSD	T-7 (2')	Soluble	Solid	300.0	68528

Lab Chronicle

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Client Sample ID: T-1 (0-1')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36596-1
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			5.04 g	5 mL	68744	12/09/23 16:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68741	12/10/23 16:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68834	12/10/23 16:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			68658	12/08/23 13:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	68551	12/06/23 17:39	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/08/23 13:01	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	68527	12/06/23 14:24	SMC	EET MID
Soluble	Analysis	300.0		5			68624	12/09/23 19:58	CH	EET MID

Client Sample ID: T-1 (1.5')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36596-2
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			4.96 g	5 mL	68744	12/09/23 16:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68741	12/10/23 16:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68834	12/10/23 16:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			68658	12/08/23 13:23	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	68551	12/06/23 17:39	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/08/23 13:23	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	68527	12/06/23 14:24	SMC	EET MID
Soluble	Analysis	300.0		1			68624	12/09/23 20:17	CH	EET MID

Client Sample ID: T-2 (0-1')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36596-3
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			5.03 g	5 mL	68744	12/09/23 16:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68741	12/10/23 17:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68834	12/10/23 17:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			68658	12/08/23 13:45	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	68551	12/06/23 17:39	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/08/23 13:45	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	68527	12/06/23 14:24	SMC	EET MID
Soluble	Analysis	300.0		5			68624	12/09/23 20:24	CH	EET MID

Client Sample ID: T-2 (1.5')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36596-4
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			5.05 g	5 mL	68744	12/09/23 16:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68741	12/10/23 17:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68834	12/10/23 17:37	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Client Sample ID: T-2 (1.5')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36596-4
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			68658	12/08/23 14:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	68551	12/06/23 17:39	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/08/23 14:07	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	68527	12/06/23 14:24	SMC	EET MID
Soluble	Analysis	300.0		5			68624	12/09/23 20:30	CH	EET MID

Client Sample ID: T-2 (2')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36596-5
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	68744	12/09/23 16:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68741	12/10/23 17:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68834	12/10/23 17:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			68658	12/08/23 14:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	68551	12/06/23 17:39	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/08/23 14:29	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	68527	12/06/23 14:24	SMC	EET MID
Soluble	Analysis	300.0		5			68624	12/09/23 20:37	CH	EET MID

Client Sample ID: T-2 (3')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36596-6
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			4.95 g	5 mL	68744	12/09/23 16:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68741	12/10/23 18:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68834	12/10/23 18:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			68658	12/08/23 14:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	68551	12/06/23 17:39	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/08/23 14:51	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	68527	12/06/23 14:24	SMC	EET MID
Soluble	Analysis	300.0		5			68624	12/09/23 20:56	CH	EET MID

Client Sample ID: T-2 (4')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36596-7
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			4.99 g	5 mL	68744	12/09/23 16:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68741	12/10/23 18:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68834	12/10/23 18:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			68658	12/08/23 15:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	68551	12/06/23 17:39	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/08/23 15:36	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Client Sample ID: T-2 (4')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36596-7
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			4.96 g	50 mL	68527	12/06/23 14:24	SMC	EET MID
Soluble	Analysis	300.0		5			68624	12/09/23 21:03	CH	EET MID

Client Sample ID: T-2 (5')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36596-8
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			4.96 g	5 mL	68744	12/09/23 16:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68741	12/10/23 18:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68834	12/10/23 18:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			68658	12/08/23 15:57	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	68551	12/06/23 17:39	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/08/23 15:57	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	68527	12/06/23 14:24	SMC	EET MID
Soluble	Analysis	300.0		5			68624	12/09/23 21:09	CH	EET MID

Client Sample ID: T-2 (6')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36596-9
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	68744	12/09/23 16:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68741	12/10/23 19:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68834	12/10/23 19:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			68658	12/08/23 16:19	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	68551	12/06/23 17:39	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/08/23 16:19	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	68527	12/06/23 14:24	SMC	EET MID
Soluble	Analysis	300.0		1			68624	12/09/23 21:16	CH	EET MID

Client Sample ID: T-2 (7')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36596-10
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			5.05 g	5 mL	68744	12/09/23 16:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68741	12/10/23 19:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68834	12/10/23 19:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			68658	12/08/23 16:41	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	68551	12/06/23 17:39	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/08/23 16:41	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	68527	12/06/23 14:24	SMC	EET MID
Soluble	Analysis	300.0		1			68624	12/09/23 21:22	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Client Sample ID: T-3 (0-1')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36596-11
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			4.97 g	5 mL	68744	12/09/23 16:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68741	12/10/23 21:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68834	12/10/23 21:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			68658	12/08/23 17:17	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	68551	12/06/23 17:39	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/08/23 17:17	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	68527	12/06/23 14:24	SMC	EET MID
Soluble	Analysis	300.0		5			68624	12/09/23 21:29	CH	EET MID

Client Sample ID: T-3 (1.5')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36596-12
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			4.95 g	5 mL	68744	12/09/23 16:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68741	12/10/23 21:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68834	12/10/23 21:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			68658	12/08/23 17:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	68551	12/06/23 17:39	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/08/23 17:39	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	68527	12/06/23 14:24	SMC	EET MID
Soluble	Analysis	300.0		5			68624	12/09/23 21:49	CH	EET MID

Client Sample ID: T-3 (2')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36596-13
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			5.00 g	5 mL	68744	12/09/23 16:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68741	12/10/23 21:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68834	12/10/23 21:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			68658	12/08/23 18:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	68551	12/06/23 17:39	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/08/23 18:00	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	68527	12/06/23 14:24	SMC	EET MID
Soluble	Analysis	300.0		5			68624	12/09/23 21:55	CH	EET MID

Client Sample ID: T-3 (3')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36596-14
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			5.05 g	5 mL	68744	12/09/23 16:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68741	12/10/23 22:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68834	12/10/23 22:08	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Client Sample ID: T-3 (3')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36596-14
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			68658	12/08/23 18:21	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	68551	12/06/23 17:39	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/08/23 18:21	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	68527	12/06/23 14:24	SMC	EET MID
Soluble	Analysis	300.0		5			68624	12/09/23 22:15	CH	EET MID

Client Sample ID: T-3 (4')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36596-15
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			4.95 g	5 mL	68744	12/09/23 16:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68741	12/10/23 22:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68834	12/10/23 22:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			68658	12/08/23 18:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	68551	12/06/23 17:39	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/08/23 18:43	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	68527	12/06/23 14:24	SMC	EET MID
Soluble	Analysis	300.0		5			68624	12/09/23 22:21	CH	EET MID

Client Sample ID: T-3 (5')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36596-16
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			4.99 g	5 mL	68744	12/09/23 16:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68741	12/10/23 22:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68834	12/10/23 22:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			68658	12/08/23 19:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	68551	12/06/23 17:39	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/08/23 19:04	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	68527	12/06/23 14:24	SMC	EET MID
Soluble	Analysis	300.0		1			68624	12/09/23 22:28	CH	EET MID

Client Sample ID: T-4 (0-1')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36596-17
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	68744	12/09/23 16:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68741	12/10/23 23:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68834	12/10/23 23:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			68658	12/07/23 12:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	68547	12/06/23 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68559	12/07/23 12:57	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Client Sample ID: T-4 (0-1')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36596-17
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			4.99 g	50 mL	68527	12/06/23 14:24	SMC	EET MID
Soluble	Analysis	300.0		5			68624	12/09/23 22:34	CH	EET MID

Client Sample ID: T-4 (1.5')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36596-18
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	68744	12/09/23 16:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68741	12/10/23 23:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68834	12/10/23 23:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			68658	12/07/23 13:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	68547	12/06/23 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68559	12/07/23 13:19	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	68527	12/06/23 14:24	SMC	EET MID
Soluble	Analysis	300.0		5			68624	12/09/23 22:41	CH	EET MID

Client Sample ID: T-4 (2')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36596-19
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			5.04 g	5 mL	68744	12/09/23 16:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68741	12/10/23 23:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68834	12/10/23 23:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			68658	12/07/23 13:41	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	68547	12/06/23 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68559	12/07/23 13:41	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	68527	12/06/23 14:24	SMC	EET MID
Soluble	Analysis	300.0		5			68624	12/09/23 22:47	CH	EET MID

Client Sample ID: T-4 (3')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36596-20
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			5.00 g	5 mL	68744	12/09/23 16:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68741	12/11/23 00:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68834	12/11/23 00:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			68658	12/07/23 14:03	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	68547	12/06/23 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68559	12/07/23 14:03	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	68527	12/06/23 14:24	SMC	EET MID
Soluble	Analysis	300.0		1			68624	12/09/23 22:54	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Client Sample ID: T-5 (0-1')

Lab Sample ID: 880-36596-21

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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	68811	12/11/23 11:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68759	12/11/23 13:21	SM	EET MID
Total/NA	Analysis	Total BTEX		1			68834	12/11/23 13:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			68658	12/07/23 14:25	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	68547	12/06/23 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68559	12/07/23 14:25	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	68528	12/06/23 14:25	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	68633	12/08/23 15:49	SMC	EET MID

Client Sample ID: T-5 (1.5')

Lab Sample ID: 880-36596-22

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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	68811	12/11/23 11:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68759	12/11/23 13:41	SM	EET MID
Total/NA	Analysis	Total BTEX		1			68834	12/11/23 13:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			68658	12/07/23 15:08	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	68547	12/06/23 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68559	12/07/23 15:08	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	68528	12/06/23 14:25	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	68633	12/08/23 16:13	SMC	EET MID

Client Sample ID: T-5 (2')

Lab Sample ID: 880-36596-23

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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	68811	12/11/23 11:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68759	12/11/23 14:02	SM	EET MID
Total/NA	Analysis	Total BTEX		1			68834	12/11/23 14:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			68658	12/07/23 15:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	68547	12/06/23 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68559	12/07/23 15:30	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	68528	12/06/23 14:25	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	68633	12/08/23 16:21	SMC	EET MID

Client Sample ID: T-5 (3')

Lab Sample ID: 880-36596-24

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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	68811	12/11/23 11:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68759	12/11/23 14:22	SM	EET MID
Total/NA	Analysis	Total BTEX		1			68834	12/11/23 14:22	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Client Sample ID: T-5 (3')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36596-24
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			68658	12/07/23 15:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	68547	12/06/23 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68559	12/07/23 15:51	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	68528	12/06/23 14:25	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	68633	12/08/23 16:28	SMC	EET MID

Client Sample ID: T-6 (0-1')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36596-25
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	68811	12/11/23 11:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68759	12/11/23 14:43	SM	EET MID
Total/NA	Analysis	Total BTEX		1			68834	12/11/23 14:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			68658	12/07/23 16:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	68547	12/06/23 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68559	12/07/23 16:13	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	68528	12/06/23 14:25	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	68633	12/08/23 16:36	SMC	EET MID

Client Sample ID: T-6 (1.5')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36596-26
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	68811	12/11/23 11:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68759	12/11/23 15:03	SM	EET MID
Total/NA	Analysis	Total BTEX		1			68834	12/11/23 15:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			68658	12/07/23 16:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	68547	12/06/23 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68559	12/07/23 16:34	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	68528	12/06/23 14:25	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	68633	12/08/23 17:00	SMC	EET MID

Client Sample ID: T-6 (2')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36596-27
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	68811	12/11/23 11:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68759	12/11/23 15:24	SM	EET MID
Total/NA	Analysis	Total BTEX		1			68834	12/11/23 15:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			68658	12/07/23 16:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	68547	12/06/23 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68559	12/07/23 16:56	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Client Sample ID: T-6 (2')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36596-27
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			5.02 g	50 mL	68528	12/06/23 14:25	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	68633	12/08/23 17:08	SMC	EET MID

Client Sample ID: T-6 (3')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36596-28
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			5.05 g	5 mL	68811	12/11/23 11:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68759	12/11/23 15:44	SM	EET MID
Total/NA	Analysis	Total BTEX		1			68834	12/11/23 15:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			68658	12/07/23 17:18	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	68547	12/06/23 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68559	12/07/23 17:18	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	68528	12/06/23 14:25	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	68633	12/08/23 17:16	SMC	EET MID

Client Sample ID: T-7 (0-1')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36596-29
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			5.03 g	5 mL	68811	12/11/23 11:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68759	12/11/23 16:04	SM	EET MID
Total/NA	Analysis	Total BTEX		1			68834	12/11/23 16:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			68658	12/07/23 17:39	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	68547	12/06/23 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68559	12/07/23 17:39	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	68528	12/06/23 14:25	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	68633	12/08/23 17:23	SMC	EET MID

Client Sample ID: T-7 (1.5')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36596-30
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	68811	12/11/23 11:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68759	12/11/23 16:25	SM	EET MID
Total/NA	Analysis	Total BTEX		1			68834	12/11/23 16:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			68658	12/07/23 18:01	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	68547	12/06/23 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68559	12/07/23 18:01	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	68528	12/06/23 14:25	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	68633	12/08/23 17:31	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Client Sample ID: T-7 (2')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36596-31
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	68811	12/11/23 11:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68759	12/11/23 18:16	SM	EET MID
Total/NA	Analysis	Total BTEX		1			68834	12/11/23 18:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			68658	12/07/23 18:22	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	68547	12/06/23 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68559	12/07/23 18:22	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	68528	12/06/23 14:25	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	68633	12/08/23 17:39	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: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

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	T104704400-23-26	06-30-24
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: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

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: Denton Battery (11-07-23)

Job ID: 880-36596-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-36596-1	T-1 (0-1')	Solid	11/29/23 00:00	12/06/23 13:18
880-36596-2	T-1 (1.5')	Solid	11/29/23 00:00	12/06/23 13:18
880-36596-3	T-2 (0-1')	Solid	11/29/23 00:00	12/06/23 13:18
880-36596-4	T-2 (1.5')	Solid	11/29/23 00:00	12/06/23 13:18
880-36596-5	T-2 (2')	Solid	11/29/23 00:00	12/06/23 13:18
880-36596-6	T-2 (3')	Solid	11/29/23 00:00	12/06/23 13:18
880-36596-7	T-2 (4')	Solid	11/29/23 00:00	12/06/23 13:18
880-36596-8	T-2 (5')	Solid	11/29/23 00:00	12/06/23 13:18
880-36596-9	T-2 (6')	Solid	11/29/23 00:00	12/06/23 13:18
880-36596-10	T-2 (7')	Solid	11/29/23 00:00	12/06/23 13:18
880-36596-11	T-3 (0-1')	Solid	11/29/23 00:00	12/06/23 13:18
880-36596-12	T-3 (1.5')	Solid	11/29/23 00:00	12/06/23 13:18
880-36596-13	T-3 (2')	Solid	11/29/23 00:00	12/06/23 13:18
880-36596-14	T-3 (3')	Solid	11/29/23 00:00	12/06/23 13:18
880-36596-15	T-3 (4')	Solid	11/29/23 00:00	12/06/23 13:18
880-36596-16	T-3 (5')	Solid	11/29/23 00:00	12/06/23 13:18
880-36596-17	T-4 (0-1')	Solid	11/29/23 00:00	12/06/23 13:18
880-36596-18	T-4 (1.5')	Solid	11/29/23 00:00	12/06/23 13:18
880-36596-19	T-4 (2')	Solid	11/29/23 00:00	12/06/23 13:18
880-36596-20	T-4 (3')	Solid	11/29/23 00:00	12/06/23 13:18
880-36596-21	T-5 (0-1')	Solid	11/29/23 00:00	12/06/23 13:18
880-36596-22	T-5 (1.5')	Solid	11/29/23 00:00	12/06/23 13:18
880-36596-23	T-5 (2')	Solid	11/29/23 00:00	12/06/23 13:18
880-36596-24	T-5 (3')	Solid	11/29/23 00:00	12/06/23 13:18
880-36596-25	T-6 (0-1')	Solid	11/29/23 00:00	12/06/23 13:18
880-36596-26	T-6 (1.5')	Solid	11/29/23 00:00	12/06/23 13:18
880-36596-27	T-6 (2')	Solid	11/29/23 00:00	12/06/23 13:18
880-36596-28	T-6 (3')	Solid	11/29/23 00:00	12/06/23 13:18
880-36596-29	T-7 (0-1')	Solid	11/29/23 00:00	12/06/23 13:18
880-36596-30	T-7 (1.5')	Solid	11/29/23 00:00	12/06/23 13:18
880-36596-31	T-7 (2')	Solid	11/29/23 00:00	12/06/23 13:18

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Project Manager	Conner Moehring	Bill to (if different)	Grant Huckabay & Addison Guekler
Company Name	Carmona Resources	Company Name	Fasken Oil and Ranch
Address	310 W Wall St Ste 415	Address	6101 Holiday Hill Road
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, Texas 79707
Phone	432-813-6823	Email	GrantH@fofi.com & addisoq@fofi.com

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

Project Name		Denton Battery (11.07.23)		Turn Around		Parameters		ANALYSIS REQUEST												Preservative Codes	
Project Number	2196	☒ Routine	☐ Rush	Due Date	Standard															None, NO	DI Water H ₂ O
Project Location	Lea County, New Mexico																			Cool Cool	MeOH Me
Sampler's Name	CRM & DD																			HCL, HC	HNO ₃ HN
PO #																				H ₂ SO ₄ , H ₂	NaOH Na
SAMPLE RECEIPT	Temp Blank:	Yes	No	Wet Ice:	Yes	No														H ₃ PO ₄ , HP	
	Received Intact:	Yes	No	Thermometer ID:	1129															NaHSO ₄ , NABIS	
	Cooler Custody Seals:	Yes	No	Correction Factor	0.2															Na ₂ S ₂ O ₃ , NaSO ₃	
	Sample Custody Seals	Yes	No	Temperature Reading	-44															Zn Acetate+NaOH Zn	
Total Containers				Corrected Temperature	-44															NaOH+Ascorbic Acid SAPC	
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
T-1 (0-1')		11/29/2023		X		G	1	X	X	X											
T-1 (1.5')		11/29/2023		X		G	1	X	X	X											
T-2 (0-1')		11/29/2023		X		G	1	X	X	X											
T-2 (1.5')		11/29/2023		X		G	1	X	X	X											
T-2 (2')		11/29/2023		X		G	1	X	X	X											
T-2 (3')		11/29/2023		X		G	1	X	X	X											
T-2 (4')		11/29/2023		X		G	1	X	X	X											
T-2 (5')		11/29/2023		X		G	1	X	X	X											
T-2 (6')		11/29/2023		X		G	1	X	X	X											
T-2 (7')		11/29/2023		X		G	1	X	X	X											

Comments:

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	12/6/23 09:13:18		



880-36596 Chain of Custody

Page 2 of 4[illegible]

Released to Imaging: 6/28/2024 11:27:06 AM

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Work Order No: _____

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Project Manager	Conner Moehring	Bill to (if different)	Grant Huckabee & Addison Guekler
Company Name	Carmona Resources	Company Name	Fasken Oil and Ranch
Address	310 W Wall St Ste 415	Address	6101 Holiday Hill Road
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, Texas 79707
Phone	432-813-6823	Email	GrantH@foi.com & addisog@foi.com

Work Order Comments	
Program: USTRPST	PRP
State of Project:	PRP
Reporting Level II	Level III
Deliverables	EDD
ADAPT	Other

Project Name:	Denton Battery (11.07.23)	Turn Around	Prep. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number	2196	☒ Routine ☐ Rush														None, NO	DI Water H ₂ O	
Project Location	Lea County, New Mexico	Due Date														Cool Cool	MeOH Me	
Sample's Name	CRM & DD															HCL, HC	HNO ₃ , HN	
PO #																H ₂ SO ₄ , H ₂	NaOH Na	
SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice.	Yes No													H ₃ PO ₄ , HP	
Received Intact:	Yes No	Thermometer ID															NaHSO ₄ , NABIS	
Cooler Custody Seals:	Yes No N/A	Correction Factor															Na ₂ S ₂ O ₃ , NaSO ₃	
Sample Custody Seals:	Yes No N/A	Temperature Reading															Zn Acetate+NaOH Zn	
Total Containers		Corrected Temperature															NaOH+Ascorbic Acid SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH												Sample Comments
T-5 (0-1')	11/29/2023		X		G	1	X	X	X										
T-5 (1-5')	11/29/2023		X		G	1	X	X	X										
T-5 (2')	11/29/2023		X		G	1	X	X	X										
T-5 (3')	11/29/2023		X		G	1	X	X	X										
T-6 (0-1')	11/29/2023		X		G	1	X	X	X										
T-6 (1-5')	11/29/2023		X		G	1	X	X	X										
T-6 (2')	11/29/2023		X		G	1	X	X	X										
T-6 (3')	11/29/2023		X		G	1	X	X	X										
T-7 (0-1')	11/29/2023		X		G	1	X	X	X										
T-7 (1-5')	11/29/2023		X		G	1	X	X	X										

Comments:

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	11/29/2023 13:18		

12/12/2023

Work Order Comments									
Program: USTR/ST ☐ PRP ☐ Brownfields ☐ RC ☐ perfund ☐									
State of Project:									
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐									
Deliverables: EDD ☐ ADAPT ☐ Other ☐									

[illegible]

Comments:

Relinquished by: (Signature)

Date/Time

Received by: (Signature)

Date/Time

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-36596-1

SDG Number: Lea County New Mexico

Login Number: 36596

List Number: 1

List Source: Eurofins Midland

Creator: Kramer, Jessica

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.	True	
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

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/11/2023 12:28:11 PM

JOB DESCRIPTION

Denton Battery (11.07.23)
Lea County New Mexico

JOB NUMBER

880-36597-1

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
12/11/2023 12:28:11 PM

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

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Laboratory Job ID: 880-36597-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-36597-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD 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.
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/Site: Denton Battery (11.07.23)

Job ID: 880-36597-1
SDG: Lea County New Mexico

Job ID: 880-36597-1

Laboratory: Eurofins Midland

Narrative

**Job Narrative
880-36597-1**

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 are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

Matrix QC may not be reported if insufficient sample 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 12/6/2023 1:18 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 -4.6°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-68687 and analytical batch 880-68741 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 8021B: The surrogate recovery for the blank associated with preparation batch 880-68391 and 880-68687 and analytical batch 880-68741 was outside the control limits.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-68741 recovered under the lower control limit for Ethylbenzene, m-Xylene & p-Xylene and o-Xylene. The samples associated with this CCV were ran within 12 hours of passing CCV; therefore, the data have been reported.

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

GC Semi VOA

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-68578 and analytical batch 880-68559 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (CCV 880-68555/58). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-68662 and analytical batch 880-68639 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (880-36670-A-1-B MS) and (880-36670-A-1-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-68662 and analytical batch 880-68639 were outside control limits for one or more analytes due to an incorrect amount of spike added. The associated laboratory control sample (LCS) recovery is within acceptance limits therefore the data has been qualified and reported.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-68631 and analytical batch 880-68635 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (CCV 880-68635/20), (CCV

Case Narrative

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-36597-1
SDG: Lea County New Mexico

Job ID: 880-36597-1 (Continued)

Laboratory: Eurofins Midland (Continued)

880-68635/31), (CCV 880-68635/5) and (LCSD 880-68631/3-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

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: Denton Battery (11.07.23)

Job ID: 880-36597-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-36597-1

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/08/23 14:45	12/10/23 08:39	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/08/23 14:45	12/10/23 08:39	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/08/23 14:45	12/10/23 08:39	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		12/08/23 14:45	12/10/23 08:39	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/08/23 14:45	12/10/23 08:39	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		12/08/23 14:45	12/10/23 08:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130	12/08/23 14:45	12/10/23 08:39	1
1,4-Difluorobenzene (Surr)	73		70 - 130	12/08/23 14:45	12/10/23 08:39	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			12/10/23 08:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			12/08/23 04:03	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	<50.2	U	50.2		mg/Kg		12/07/23 10:11	12/08/23 04:03	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		12/07/23 10:11	12/08/23 04:03	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		12/07/23 10:11	12/08/23 04:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130	12/07/23 10:11	12/08/23 04:03	1
o-Terphenyl	79		70 - 130	12/07/23 10:11	12/08/23 04:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.3		5.02		mg/Kg			12/08/23 18:03	1

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

Lab Sample ID: 880-36597-2

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/08/23 14:45	12/10/23 09:00	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/08/23 14:45	12/10/23 09:00	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/08/23 14:45	12/10/23 09:00	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/08/23 14:45	12/10/23 09:00	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/08/23 14:45	12/10/23 09:00	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/08/23 14:45	12/10/23 09:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130	12/08/23 14:45	12/10/23 09:00	1
1,4-Difluorobenzene (Surr)	81		70 - 130	12/08/23 14:45	12/10/23 09:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-36597-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-36597-2

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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			12/10/23 09:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			12/08/23 04:00	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	<50.5	U	50.5		mg/Kg		12/07/23 14:17	12/08/23 04:00	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		12/07/23 14:17	12/08/23 04:00	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		12/07/23 14:17	12/08/23 04:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/07/23 14:17	12/08/23 04:00	1
o-Terphenyl	89		70 - 130				12/07/23 14:17	12/08/23 04:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.7		5.01		mg/Kg			12/08/23 18:10	1

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-36597-3

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/08/23 14:45	12/10/23 10:23	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/08/23 14:45	12/10/23 10:23	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/08/23 14:45	12/10/23 10:23	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/08/23 14:45	12/10/23 10:23	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/08/23 14:45	12/10/23 10:23	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/08/23 14:45	12/10/23 10:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130				12/08/23 14:45	12/10/23 10:23	1
1,4-Difluorobenzene (Surr)	83		70 - 130				12/08/23 14:45	12/10/23 10:23	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			12/10/23 10:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	72.3		50.0		mg/Kg			12/08/23 19:04	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		12/07/23 16:49	12/08/23 19:04	1
Diesel Range Organics (Over C10-C28)	72.3		50.0		mg/Kg		12/07/23 16:49	12/08/23 19:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-36597-1
SDG: Lea County New Mexico

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-36597-3

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/07/23 16:49	12/08/23 19:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				12/07/23 16:49	12/08/23 19:04	1
o-Terphenyl	105		70 - 130				12/07/23 16:49	12/08/23 19:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.6		4.98		mg/Kg			12/08/23 19:37	1

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-36597-4

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/08/23 14:45	12/10/23 10:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/08/23 14:45	12/10/23 10:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/08/23 14:45	12/10/23 10:43	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/08/23 14:45	12/10/23 10:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/08/23 14:45	12/10/23 10:43	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/08/23 14:45	12/10/23 10:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130				12/08/23 14:45	12/10/23 10:43	1
1,4-Difluorobenzene (Surr)	85		70 - 130				12/08/23 14:45	12/10/23 10:43	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			12/10/23 10:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			12/08/23 12:34	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	<50.2	U	50.2		mg/Kg		12/08/23 09:51	12/08/23 12:34	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		12/08/23 09:51	12/08/23 12:34	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		12/08/23 09:51	12/08/23 12:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130				12/08/23 09:51	12/08/23 12:34	1
o-Terphenyl	80		70 - 130				12/08/23 09:51	12/08/23 12:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.9		4.99		mg/Kg			12/08/23 19:45	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-36597-1
SDG: Lea County New Mexico

Client Sample ID: H-5 (0-0.5')

Lab Sample ID: 880-36597-5

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/08/23 14:45	12/10/23 11:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/08/23 14:45	12/10/23 11:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/08/23 14:45	12/10/23 11:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/08/23 14:45	12/10/23 11:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/08/23 14:45	12/10/23 11:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/08/23 14:45	12/10/23 11:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130				12/08/23 14:45	12/10/23 11:04	1
1,4-Difluorobenzene (Surr)	79		70 - 130				12/08/23 14:45	12/10/23 11:04	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			12/10/23 11:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			12/08/23 12:58	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	<50.5	U	50.5		mg/Kg		12/08/23 09:51	12/08/23 12:58	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		12/08/23 09:51	12/08/23 12:58	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		12/08/23 09:51	12/08/23 12:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				12/08/23 09:51	12/08/23 12:58	1
o-Terphenyl	80		70 - 130				12/08/23 09:51	12/08/23 12:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.9		5.03		mg/Kg			12/08/23 19:52	1

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-36597-6

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/08/23 14:45	12/10/23 11:25	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/08/23 14:45	12/10/23 11:25	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/08/23 14:45	12/10/23 11:25	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/08/23 14:45	12/10/23 11:25	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/08/23 14:45	12/10/23 11:25	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/08/23 14:45	12/10/23 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	72		70 - 130				12/08/23 14:45	12/10/23 11:25	1
1,4-Difluorobenzene (Surr)	92		70 - 130				12/08/23 14:45	12/10/23 11:25	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-36597-1
SDG: Lea County New Mexico

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-36597-6

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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			12/10/23 11:25	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			12/08/23 13:22	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		12/08/23 09:51	12/08/23 13:22	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		12/08/23 09:51	12/08/23 13:22	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/08/23 09:51	12/08/23 13:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/08/23 09:51	12/08/23 13:22	1
o-Terphenyl	78		70 - 130				12/08/23 09:51	12/08/23 13:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.4		5.04		mg/Kg			12/08/23 20:00	1

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-36597-7

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/08/23 14:45	12/10/23 11:45	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/08/23 14:45	12/10/23 11:45	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/08/23 14:45	12/10/23 11:45	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/08/23 14:45	12/10/23 11:45	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/08/23 14:45	12/10/23 11:45	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/08/23 14:45	12/10/23 11:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130				12/08/23 14:45	12/10/23 11:45	1
1,4-Difluorobenzene (Surr)	83		70 - 130				12/08/23 14:45	12/10/23 11:45	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			12/10/23 11:45	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			12/08/23 13:46	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		12/08/23 09:51	12/08/23 13:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/08/23 09:51	12/08/23 13:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-36597-1
SDG: Lea County New Mexico

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-36597-7

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/08/23 09:51	12/08/23 13:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				12/08/23 09:51	12/08/23 13:46	1
o-Terphenyl	101		70 - 130				12/08/23 09:51	12/08/23 13:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.6		5.00		mg/Kg			12/08/23 20:08	1

Client Sample ID: H-8 (0-0.5')

Lab Sample ID: 880-36597-8

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/08/23 14:45	12/10/23 12:06	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/08/23 14:45	12/10/23 12:06	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/08/23 14:45	12/10/23 12:06	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		12/08/23 14:45	12/10/23 12:06	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/08/23 14:45	12/10/23 12:06	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/08/23 14:45	12/10/23 12:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				12/08/23 14:45	12/10/23 12:06	1
1,4-Difluorobenzene (Surr)	86		70 - 130				12/08/23 14:45	12/10/23 12:06	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			12/10/23 12:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			12/08/23 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	<49.7	U	49.7		mg/Kg		12/08/23 09:51	12/08/23 14:09	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		12/08/23 09:51	12/08/23 14:09	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/08/23 09:51	12/08/23 14:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/08/23 09:51	12/08/23 14:09	1
o-Terphenyl	78		70 - 130				12/08/23 09:51	12/08/23 14:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.0		5.00		mg/Kg			12/08/23 20:16	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-36597-1
SDG: Lea County New Mexico

Client Sample ID: H-9 (0-0.5')

Lab Sample ID: 880-36597-9

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/08/23 14:45	12/10/23 12:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/08/23 14:45	12/10/23 12:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/08/23 14:45	12/10/23 12:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/08/23 14:45	12/10/23 12:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/08/23 14:45	12/10/23 12:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/08/23 14:45	12/10/23 12:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130				12/08/23 14:45	12/10/23 12:26	1
1,4-Difluorobenzene (Surr)	86		70 - 130				12/08/23 14:45	12/10/23 12:26	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			12/10/23 12:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			12/08/23 14:32	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	<50.3	U	50.3		mg/Kg		12/08/23 09:51	12/08/23 14:32	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		12/08/23 09:51	12/08/23 14:32	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		12/08/23 09:51	12/08/23 14:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/08/23 09:51	12/08/23 14:32	1
o-Terphenyl	83		70 - 130				12/08/23 09:51	12/08/23 14:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.4		5.03		mg/Kg			12/08/23 20:24	1

Client Sample ID: H-10 (0-0.5')

Lab Sample ID: 880-36597-10

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/08/23 14:45	12/10/23 12:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/08/23 14:45	12/10/23 12:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/08/23 14:45	12/10/23 12:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/08/23 14:45	12/10/23 12:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/08/23 14:45	12/10/23 12:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/08/23 14:45	12/10/23 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130				12/08/23 14:45	12/10/23 12:47	1
1,4-Difluorobenzene (Surr)	80		70 - 130				12/08/23 14:45	12/10/23 12:47	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-36597-1
SDG: Lea County New Mexico

Client Sample ID: H-10 (0-0.5')

Lab Sample ID: 880-36597-10

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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			12/10/23 12:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			12/08/23 14:55	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	<50.1	U	50.1		mg/Kg		12/08/23 09:51	12/08/23 14:55	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		12/08/23 09:51	12/08/23 14:55	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		12/08/23 09:51	12/08/23 14:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/08/23 09:51	12/08/23 14:55	1
o-Terphenyl	85		70 - 130				12/08/23 09:51	12/08/23 14:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.7		4.98		mg/Kg			12/10/23 00:58	1

Client Sample ID: H-11 (0-0.5')

Lab Sample ID: 880-36597-11

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/08/23 14:45	12/10/23 13:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/08/23 14:45	12/10/23 13:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/08/23 14:45	12/10/23 13:08	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		12/08/23 14:45	12/10/23 13:08	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/08/23 14:45	12/10/23 13:08	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/08/23 14:45	12/10/23 13:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130				12/08/23 14:45	12/10/23 13:08	1
1,4-Difluorobenzene (Surr)	84		70 - 130				12/08/23 14:45	12/10/23 13:08	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			12/10/23 13:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			12/08/23 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	<50.4	U	50.4		mg/Kg		12/08/23 09:51	12/08/23 15:17	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		12/08/23 09:51	12/08/23 15:17	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-36597-1
SDG: Lea County New Mexico

Client Sample ID: H-11 (0-0.5')

Lab Sample ID: 880-36597-11

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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)	<50.4	U	50.4		mg/Kg		12/08/23 09:51	12/08/23 15:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/08/23 09:51	12/08/23 15:17	1
o-Terphenyl	81		70 - 130				12/08/23 09:51	12/08/23 15:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.4		5.02		mg/Kg			12/10/23 01:05	1

Client Sample ID: H-12 (0-0.5')

Lab Sample ID: 880-36597-12

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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		12/08/23 14:45	12/10/23 13:28	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/08/23 14:45	12/10/23 13:28	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/08/23 14:45	12/10/23 13:28	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		12/08/23 14:45	12/10/23 13:28	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/08/23 14:45	12/10/23 13:28	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		12/08/23 14:45	12/10/23 13:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130				12/08/23 14:45	12/10/23 13:28	1
1,4-Difluorobenzene (Surr)	77		70 - 130				12/08/23 14:45	12/10/23 13:28	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			12/10/23 13:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			12/08/23 16:04	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	<50.5	U	50.5		mg/Kg		12/08/23 09:51	12/08/23 16:04	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		12/08/23 09:51	12/08/23 16:04	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		12/08/23 09:51	12/08/23 16:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/08/23 09:51	12/08/23 16:04	1
o-Terphenyl	77		70 - 130				12/08/23 09:51	12/08/23 16:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.8		5.01		mg/Kg			12/10/23 01:11	1

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-36597-1
SDG: Lea County New Mexico

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)
880-36597-1	H-1 (0-0.5')	82	73
880-36597-2	H-2 (0-0.5')	83	81
880-36597-3	H-3 (0-0.5')	77	83
880-36597-4	H-4 (0-0.5')	84	85
880-36597-5	H-5 (0-0.5')	80	79
880-36597-6	H-6 (0-0.5')	72	92
880-36597-7	H-7 (0-0.5')	83	83
880-36597-8	H-8 (0-0.5')	85	86
880-36597-9	H-9 (0-0.5')	82	86
880-36597-10	H-10 (0-0.5')	82	80
880-36597-11	H-11 (0-0.5')	81	84
880-36597-12	H-12 (0-0.5')	80	77
880-36684-A-1-B MS	Matrix Spike	96	82
880-36684-A-1-C MSD	Matrix Spike Duplicate	91	78
LCS 880-68687/1-A	Lab Control Sample	97	112
LCSD 880-68687/2-A	Lab Control Sample Dup	104	110
MB 880-68391/5-A	Method Blank	66 S1-	94
MB 880-68687/5-A	Method Blank	66 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)
880-36597-1	H-1 (0-0.5')	76	79
880-36597-2	H-2 (0-0.5')	82	89
880-36597-3	H-3 (0-0.5')	97	105
880-36597-4	H-4 (0-0.5')	71	80
880-36597-5	H-5 (0-0.5')	74	80
880-36597-6	H-6 (0-0.5')	73	78
880-36597-7	H-7 (0-0.5')	97	101
880-36597-8	H-8 (0-0.5')	73	78
880-36597-9	H-9 (0-0.5')	81	83
880-36597-10	H-10 (0-0.5')	81	85
880-36597-11	H-11 (0-0.5')	76	81
880-36597-12	H-12 (0-0.5')	76	77
880-36622-A-1-B MS	Matrix Spike	84	82
880-36622-A-1-C MSD	Matrix Spike Duplicate	86	85
880-36643-A-1-E MS	Matrix Spike	119	118
880-36643-A-1-F MSD	Matrix Spike Duplicate	109	105
880-36670-A-1-B MS	Matrix Spike	1759 S1+	1833 S1+
880-36670-A-1-C MSD	Matrix Spike Duplicate	1540 S1+	1621 S1+
890-5732-A-21-C MS	Matrix Spike	95	95
890-5732-A-21-D MSD	Matrix Spike Duplicate	97	96
LCS 880-68578/2-A	Lab Control Sample	90	96

Eurofins Midland

Surrogate Summary

Client: Carmona Resources

Job ID: 880-36597-1

Project/Site: Denton Battery (11.07.23)

SDG: Lea County New Mexico

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)
LCS 880-68613/2-A	Lab Control Sample	98	112
LCS 880-68631/2-A	Lab Control Sample	114	129
LCS 880-68662/2-A	Lab Control Sample	90	94
LCSD 880-68578/3-A	Lab Control Sample Dup	86	94
LCSD 880-68613/3-A	Lab Control Sample Dup	107	130
LCSD 880-68631/3-A	Lab Control Sample Dup	127	147 S1+
LCSD 880-68662/3-A	Lab Control Sample Dup	91	91
MB 880-68578/1-A	Method Blank	124	155 S1+
MB 880-68613/1-A	Method Blank	184 S1+	225 S1+
MB 880-68631/1-A	Method Blank	178 S1+	213 S1+
MB 880-68662/1-A	Method Blank	110	136 S1+
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-36597-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-68391/5-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 68741							Prep Batch: 68391		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/07/23 13:40	12/09/23 18:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/07/23 13:40	12/09/23 18:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/07/23 13:40	12/09/23 18:59	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/07/23 13:40	12/09/23 18:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/07/23 13:40	12/09/23 18:59	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/07/23 13:40	12/09/23 18:59	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	66	S1-	70 - 130				12/07/23 13:40	12/09/23 18:59	1
1,4-Difluorobenzene (Surr)	94		70 - 130				12/07/23 13:40	12/09/23 18:59	1

Lab Sample ID: MB 880-68687/5-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 68741							Prep Batch: 68687		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/08/23 14:45	12/10/23 05:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/08/23 14:45	12/10/23 05:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/08/23 14:45	12/10/23 05:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/08/23 14:45	12/10/23 05:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/08/23 14:45	12/10/23 05:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/08/23 14:45	12/10/23 05:33	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	66	S1-	70 - 130				12/08/23 14:45	12/10/23 05:33	1
1,4-Difluorobenzene (Surr)	91		70 - 130				12/08/23 14:45	12/10/23 05:33	1

Lab Sample ID: LCS 880-68687/1-A							Client Sample ID: Lab Control Sample		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 68741							Prep Batch: 68687		
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.100	0.08325		mg/Kg		83	70 - 130		
Toluene	0.100	0.07660		mg/Kg		77	70 - 130		
Ethylbenzene	0.100	0.08241		mg/Kg		82	70 - 130		
m-Xylene & p-Xylene	0.200	0.1675		mg/Kg		84	70 - 130		
o-Xylene	0.100	0.08018		mg/Kg		80	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	97		70 - 130						
1,4-Difluorobenzene (Surr)	112		70 - 130						

Lab Sample ID: LCSD 880-68687/2-A							Client Sample ID: Lab Control Sample Dup		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 68741							Prep Batch: 68687		
Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.08805		mg/Kg		88	70 - 130	6	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-36597-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-68687/2-A

Matrix: Solid

Analysis Batch: 68741

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 68687

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Toluene	0.100	0.08252		mg/Kg		83	70 - 130		7	35
Ethylbenzene	0.100	0.09102		mg/Kg		91	70 - 130		10	35
m-Xylene & p-Xylene	0.200	0.1857		mg/Kg		93	70 - 130		10	35
o-Xylene	0.100	0.08915		mg/Kg		89	70 - 130		11	35

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 880-36684-A-1-B MS

Matrix: Solid

Analysis Batch: 68741

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 68687

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Benzene	<0.00198	U F1	0.0996	0.04312	F1	mg/Kg		43	70 - 130	
Toluene	<0.00198	U F1	0.0996	0.03193	F1	mg/Kg		31	70 - 130	
Ethylbenzene	<0.00198	U F1	0.0996	0.02671	F1	mg/Kg		27	70 - 130	
m-Xylene & p-Xylene	<0.00396	U F1	0.199	0.04770	F1	mg/Kg		24	70 - 130	
o-Xylene	<0.00198	U F1	0.0996	0.02478	F1	mg/Kg		25	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	82		70 - 130

Lab Sample ID: 880-36684-A-1-C MSD

Matrix: Solid

Analysis Batch: 68741

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 68687

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits			
Benzene	<0.00198	U F1	0.101	0.04716	F1	mg/Kg		47	70 - 130		9	35
Toluene	<0.00198	U F1	0.101	0.03593	F1	mg/Kg		35	70 - 130		12	35
Ethylbenzene	<0.00198	U F1	0.101	0.02931	F1	mg/Kg		29	70 - 130		9	35
m-Xylene & p-Xylene	<0.00396	U F1	0.202	0.05098	F1	mg/Kg		25	70 - 130		7	35
o-Xylene	<0.00198	U F1	0.101	0.02704	F1	mg/Kg		27	70 - 130		9	35

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	78		70 - 130

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

Lab Sample ID: MB 880-68578/1-A

Matrix: Solid

Analysis Batch: 68559

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 68578

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/07/23 10:11	12/07/23 19:05	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-36597-1
SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-68578/1-A

Matrix: Solid

Analysis Batch: 68559

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 68578

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/07/23 10:11	12/07/23 19:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/07/23 10:11	12/07/23 19:05	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane	124		70 - 130				12/07/23 10:11	12/07/23 19:05	1
o-Terphenyl	155	S1+	70 - 130				12/07/23 10:11	12/07/23 19:05	1

Lab Sample ID: LCS 880-68578/2-A

Matrix: Solid

Analysis Batch: 68559

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 68578

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	854.2		mg/Kg		85	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	891.7		mg/Kg		89	70 - 130		
Surrogate	LCS	LCS	Limits						
1-Chlorooctane	90		70 - 130						
o-Terphenyl	96		70 - 130						

Lab Sample ID: LCSD 880-68578/3-A

Matrix: Solid

Analysis Batch: 68559

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 68578

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	891.5		mg/Kg		89	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	914.3		mg/Kg		91	70 - 130	2	20
Surrogate	LCSD	LCSD	Limits						
1-Chlorooctane	86		70 - 130						
o-Terphenyl	94		70 - 130						

Lab Sample ID: 880-36622-A-1-B MS

Matrix: Solid

Analysis Batch: 68559

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 68578

Analyte	Sample	Sample	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
	Result	Qualifier									
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	998	760.6		mg/Kg		73	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.3	U	998	861.8		mg/Kg		86	70 - 130		
Surrogate	MS	MS	Limits								
	%Recovery	Qualifier									
1-Chlorooctane	84		70 - 130								
o-Terphenyl	82		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-36597-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-36622-A-1-C MSD
Matrix: Solid
Analysis Batch: 68559

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 68578

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	<50.3	U	998	778.6		mg/Kg		75	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.3	U	998	902.6		mg/Kg		90	70 - 130	5	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	86		70 - 130								
o-Terphenyl	85		70 - 130								

Lab Sample ID: MB 880-68613/1-A
Matrix: Solid
Analysis Batch: 68555

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 68613

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		12/07/23 14:17	12/07/23 19:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/07/23 14:17	12/07/23 19:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/07/23 14:17	12/07/23 19:01	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	184	S1+	70 - 130				12/07/23 14:17	12/07/23 19:01	1
o-Terphenyl	225	S1+	70 - 130				12/07/23 14:17	12/07/23 19:01	1

Lab Sample ID: LCS 880-68613/2-A
Matrix: Solid
Analysis Batch: 68555

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 68613

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	927.3		mg/Kg		93	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	905.4		mg/Kg		91	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	98		70 - 130						
o-Terphenyl	112		70 - 130						

Lab Sample ID: LCSD 880-68613/3-A
Matrix: Solid
Analysis Batch: 68555

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 68613

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	934.0		mg/Kg		93	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	924.2		mg/Kg		92	70 - 130	2	20

QC Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-36597-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-68613/3-A
Matrix: Solid
Analysis Batch: 68555

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 68613

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	107		70 - 130
o-Terphenyl	130		70 - 130

Lab Sample ID: 890-5732-A-21-C MS
Matrix: Solid
Analysis Batch: 68555

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 68613

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	1000	1188		mg/Kg		115	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.3	U	1000	879.1		mg/Kg		84	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	95		70 - 130							
o-Terphenyl	95		70 - 130							

Lab Sample ID: 890-5732-A-21-D MSD
Matrix: Solid
Analysis Batch: 68555

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 68613

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	1000	1208		mg/Kg		117	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)	<50.3	U	1000	890.4		mg/Kg		86	70 - 130	1	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	97		70 - 130									
o-Terphenyl	96		70 - 130									

Lab Sample ID: MB 880-68631/1-A
Matrix: Solid
Analysis Batch: 68635

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 68631

	MB	MB									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/07/23 16:49	12/08/23 08:19	1		
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/07/23 16:49	12/08/23 08:19	1		
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/07/23 16:49	12/08/23 08:19	1		
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac		
1-Chlorooctane	178	S1+	70 - 130				12/07/23 16:49	12/08/23 08:19	1		
o-Terphenyl	213	S1+	70 - 130				12/07/23 16:49	12/08/23 08:19	1		

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QC Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-36597-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-68631/2-A

Matrix: Solid

Analysis Batch: 68635

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 68631

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1111		mg/Kg		111	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1070		mg/Kg		107	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	114		70 - 130				
o-Terphenyl	129		70 - 130				

Lab Sample ID: LCSD 880-68631/3-A

Matrix: Solid

Analysis Batch: 68635

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 68631

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1134		mg/Kg		113	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1106		mg/Kg		111	70 - 130	3	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	127		70 - 130						
o-Terphenyl	147	S1+	70 - 130						

Lab Sample ID: 880-36643-A-1-E MS

Matrix: Solid

Analysis Batch: 68635

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 68631

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	1010	908.5		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	<50.3	U	1010	1117		mg/Kg		107	70 - 130
Surrogate	%Recovery	MS Qualifier	Limits						
1-Chlorooctane	119		70 - 130						
o-Terphenyl	118		70 - 130						

Lab Sample ID: 880-36643-A-1-F MSD

Matrix: Solid

Analysis Batch: 68635

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 68631

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	1010	821.6		mg/Kg		77	70 - 130	10	20
Diesel Range Organics (Over C10-C28)	<50.3	U	1010	1018		mg/Kg		97	70 - 130	9	20
Surrogate	%Recovery	MSD Qualifier	Limits								
1-Chlorooctane	109		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-36597-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-36643-A-1-F MSD

Matrix: Solid

Analysis Batch: 68635

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 68631

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	105		70 - 130

Lab Sample ID: MB 880-68662/1-A

Matrix: Solid

Analysis Batch: 68639

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 68662

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		12/08/23 07:51	12/08/23 08:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/08/23 07:51	12/08/23 08:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/08/23 07:51	12/08/23 08:18	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane	110		70 - 130				12/08/23 07:51	12/08/23 08:18	1
<i>o</i> -Terphenyl	136	S1+	70 - 130				12/08/23 07:51	12/08/23 08:18	1

Lab Sample ID: LCS 880-68662/2-A

Matrix: Solid

Analysis Batch: 68639

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 68662

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	873.4		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	1000	891.9		mg/Kg		89	70 - 130
Surrogate	LCS	LCS	Limits				
	%Recovery	Qualifier					
1-Chlorooctane	90		70 - 130				
<i>o</i> -Terphenyl	94		70 - 130				

Lab Sample ID: LCSD 880-68662/3-A

Matrix: Solid

Analysis Batch: 68639

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 68662

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	949.2		mg/Kg		95	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	1000	934.8		mg/Kg		93	70 - 130	5	20
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
1-Chlorooctane	91		70 - 130						
<i>o</i> -Terphenyl	91		70 - 130						

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-36597-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-36670-A-1-B MS

Matrix: Solid

Analysis Batch: 68639

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 68662

	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 F1 F2	1000	326.6	F1	mg/Kg		29	70 - 130		
Diesel Range Organics (Over C10-C28)	356	F1	1000	195.2	F1	mg/Kg		-16	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	1759	S1+	70 - 130								
o-Terphenyl	1833	S1+	70 - 130								

Lab Sample ID: 880-36670-A-1-C MSD

Matrix: Solid

Analysis Batch: 68639

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 68662

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 F1 F2	1000	250.6	F1 F2	mg/Kg		21	70 - 130	26	20
Diesel Range Organics (Over C10-C28)	356	F1	1000	199.6	F1	mg/Kg		-16	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	1540	S1+	70 - 130								
o-Terphenyl	1621	S1+	70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-68528/1-A

Matrix: Solid

Analysis Batch: 68633

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			12/08/23 15:26	1

Lab Sample ID: LCS 880-68528/2-A

Matrix: Solid

Analysis Batch: 68633

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec
							Limits
Chloride	250	248.9		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-68528/3-A

Matrix: Solid

Analysis Batch: 68633

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	246.2		mg/Kg		98	90 - 110	1	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-36597-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-36596-A-31-B MS

Matrix: Solid

Analysis Batch: 68633

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	996		1250	2273		mg/Kg		103	90 - 110

Lab Sample ID: 880-36596-A-31-C MSD

Matrix: Solid

Analysis Batch: 68633

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	996		1250	2168		mg/Kg		94	90 - 110	5	20

Lab Sample ID: MB 880-68606/1-A

Matrix: Solid

Analysis Batch: 68634

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			12/09/23 23:27	1

Lab Sample ID: LCS 880-68606/2-A

Matrix: Solid

Analysis Batch: 68634

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	264.7		mg/Kg		106	90 - 110

Lab Sample ID: LCSD 880-68606/3-A

Matrix: Solid

Analysis Batch: 68634

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	258.2		mg/Kg		103	90 - 110	3	20

Lab Sample ID: 880-36643-A-1-B MS

Matrix: Solid

Analysis Batch: 68634

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	<5.00	U	250	266.5		mg/Kg		105	90 - 110

Lab Sample ID: 880-36643-A-1-C MSD

Matrix: Solid

Analysis Batch: 68634

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	<5.00	U	250	265.9		mg/Kg		105	90 - 110	0	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-36597-1
SDG: Lea County New Mexico

GC VOA

Prep Batch: 68391

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-68391/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 68687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36597-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-36597-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-36597-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-36597-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-36597-5	H-5 (0-0.5')	Total/NA	Solid	5035	
880-36597-6	H-6 (0-0.5')	Total/NA	Solid	5035	
880-36597-7	H-7 (0-0.5')	Total/NA	Solid	5035	
880-36597-8	H-8 (0-0.5')	Total/NA	Solid	5035	
880-36597-9	H-9 (0-0.5')	Total/NA	Solid	5035	
880-36597-10	H-10 (0-0.5')	Total/NA	Solid	5035	
880-36597-11	H-11 (0-0.5')	Total/NA	Solid	5035	
880-36597-12	H-12 (0-0.5')	Total/NA	Solid	5035	
MB 880-68687/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-68687/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-68687/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-36684-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-36684-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 68741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36597-1	H-1 (0-0.5')	Total/NA	Solid	8021B	68687
880-36597-2	H-2 (0-0.5')	Total/NA	Solid	8021B	68687
880-36597-3	H-3 (0-0.5')	Total/NA	Solid	8021B	68687
880-36597-4	H-4 (0-0.5')	Total/NA	Solid	8021B	68687
880-36597-5	H-5 (0-0.5')	Total/NA	Solid	8021B	68687
880-36597-6	H-6 (0-0.5')	Total/NA	Solid	8021B	68687
880-36597-7	H-7 (0-0.5')	Total/NA	Solid	8021B	68687
880-36597-8	H-8 (0-0.5')	Total/NA	Solid	8021B	68687
880-36597-9	H-9 (0-0.5')	Total/NA	Solid	8021B	68687
880-36597-10	H-10 (0-0.5')	Total/NA	Solid	8021B	68687
880-36597-11	H-11 (0-0.5')	Total/NA	Solid	8021B	68687
880-36597-12	H-12 (0-0.5')	Total/NA	Solid	8021B	68687
MB 880-68391/5-A	Method Blank	Total/NA	Solid	8021B	68391
MB 880-68687/5-A	Method Blank	Total/NA	Solid	8021B	68687
LCS 880-68687/1-A	Lab Control Sample	Total/NA	Solid	8021B	68687
LCSD 880-68687/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	68687
880-36684-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	68687
880-36684-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	68687

Analysis Batch: 68833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36597-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-36597-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-36597-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-36597-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-36597-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-36597-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-36597-1
SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 68833 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36597-7	H-7 (0-0.5')	Total/NA	Solid	Total BTEX	
880-36597-8	H-8 (0-0.5')	Total/NA	Solid	Total BTEX	
880-36597-9	H-9 (0-0.5')	Total/NA	Solid	Total BTEX	
880-36597-10	H-10 (0-0.5')	Total/NA	Solid	Total BTEX	
880-36597-11	H-11 (0-0.5')	Total/NA	Solid	Total BTEX	
880-36597-12	H-12 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 68555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36597-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	68613
MB 880-68613/1-A	Method Blank	Total/NA	Solid	8015B NM	68613
LCS 880-68613/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	68613
LCSD 880-68613/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	68613
890-5732-A-21-C MS	Matrix Spike	Total/NA	Solid	8015B NM	68613
890-5732-A-21-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	68613

Analysis Batch: 68559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36597-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	68578
MB 880-68578/1-A	Method Blank	Total/NA	Solid	8015B NM	68578
LCS 880-68578/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	68578
LCSD 880-68578/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	68578
880-36622-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	68578
880-36622-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	68578

Prep Batch: 68578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36597-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-68578/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-68578/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-68578/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-36622-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-36622-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 68613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36597-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-68613/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-68613/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-68613/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-5732-A-21-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-5732-A-21-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 68631

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36597-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-68631/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-68631/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-68631/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-36597-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Prep Batch: 68631 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36643-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-36643-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 68635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36597-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	68631
MB 880-68631/1-A	Method Blank	Total/NA	Solid	8015B NM	68631
LCS 880-68631/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	68631
LCSD 880-68631/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	68631
880-36643-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	68631
880-36643-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	68631

Analysis Batch: 68639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36597-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	68662
880-36597-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	68662
880-36597-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	68662
880-36597-7	H-7 (0-0.5')	Total/NA	Solid	8015B NM	68662
880-36597-8	H-8 (0-0.5')	Total/NA	Solid	8015B NM	68662
880-36597-9	H-9 (0-0.5')	Total/NA	Solid	8015B NM	68662
880-36597-10	H-10 (0-0.5')	Total/NA	Solid	8015B NM	68662
880-36597-11	H-11 (0-0.5')	Total/NA	Solid	8015B NM	68662
880-36597-12	H-12 (0-0.5')	Total/NA	Solid	8015B NM	68662
MB 880-68662/1-A	Method Blank	Total/NA	Solid	8015B NM	68662
LCS 880-68662/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	68662
LCSD 880-68662/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	68662
880-36670-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	68662
880-36670-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	68662

Analysis Batch: 68661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36597-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-36597-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-36597-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-36597-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-36597-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-36597-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	
880-36597-7	H-7 (0-0.5')	Total/NA	Solid	8015 NM	
880-36597-8	H-8 (0-0.5')	Total/NA	Solid	8015 NM	
880-36597-9	H-9 (0-0.5')	Total/NA	Solid	8015 NM	
880-36597-10	H-10 (0-0.5')	Total/NA	Solid	8015 NM	
880-36597-11	H-11 (0-0.5')	Total/NA	Solid	8015 NM	
880-36597-12	H-12 (0-0.5')	Total/NA	Solid	8015 NM	

Prep Batch: 68662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36597-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-36597-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-36597-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-36597-7	H-7 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-36597-8	H-8 (0-0.5')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-36597-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Prep Batch: 68662 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36597-9	H-9 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-36597-10	H-10 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-36597-11	H-11 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-36597-12	H-12 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-68662/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-68662/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-68662/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-36670-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-36670-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

HPLC/IC

Leach Batch: 68528

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36597-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-36597-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-36597-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-36597-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-36597-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-36597-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	
880-36597-7	H-7 (0-0.5')	Soluble	Solid	DI Leach	
880-36597-8	H-8 (0-0.5')	Soluble	Solid	DI Leach	
880-36597-9	H-9 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-68528/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-68528/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-68528/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-36596-A-31-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-36596-A-31-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 68606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36597-10	H-10 (0-0.5')	Soluble	Solid	DI Leach	
880-36597-11	H-11 (0-0.5')	Soluble	Solid	DI Leach	
880-36597-12	H-12 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-68606/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-68606/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-68606/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-36643-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-36643-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 68633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36597-1	H-1 (0-0.5')	Soluble	Solid	300.0	68528
880-36597-2	H-2 (0-0.5')	Soluble	Solid	300.0	68528
880-36597-3	H-3 (0-0.5')	Soluble	Solid	300.0	68528
880-36597-4	H-4 (0-0.5')	Soluble	Solid	300.0	68528
880-36597-5	H-5 (0-0.5')	Soluble	Solid	300.0	68528
880-36597-6	H-6 (0-0.5')	Soluble	Solid	300.0	68528
880-36597-7	H-7 (0-0.5')	Soluble	Solid	300.0	68528
880-36597-8	H-8 (0-0.5')	Soluble	Solid	300.0	68528
880-36597-9	H-9 (0-0.5')	Soluble	Solid	300.0	68528

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-36597-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Analysis Batch: 68633 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-68528/1-A	Method Blank	Soluble	Solid	300.0	68528
LCS 880-68528/2-A	Lab Control Sample	Soluble	Solid	300.0	68528
LCSD 880-68528/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	68528
880-36596-A-31-B MS	Matrix Spike	Soluble	Solid	300.0	68528
880-36596-A-31-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	68528

Analysis Batch: 68634

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36597-10	H-10 (0-0.5')	Soluble	Solid	300.0	68606
880-36597-11	H-11 (0-0.5')	Soluble	Solid	300.0	68606
880-36597-12	H-12 (0-0.5')	Soluble	Solid	300.0	68606
MB 880-68606/1-A	Method Blank	Soluble	Solid	300.0	68606
LCS 880-68606/2-A	Lab Control Sample	Soluble	Solid	300.0	68606
LCSD 880-68606/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	68606
880-36643-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	68606
880-36643-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	68606

Lab Chronicle

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-36597-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-36597-1

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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	68687	12/08/23 14:45	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68741	12/10/23 08:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68833	12/10/23 08:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			68661	12/08/23 04:03	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	68578	12/07/23 10:11	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68559	12/08/23 04:03	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	68528	12/06/23 14:25	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	68633	12/08/23 18:03	SMC	EET MID

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

Lab Sample ID: 880-36597-2

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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	68687	12/08/23 14:45	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68741	12/10/23 09:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68833	12/10/23 09:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			68661	12/08/23 04:00	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	68613	12/07/23 14:17	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68555	12/08/23 04:00	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	68528	12/06/23 14:25	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	68633	12/08/23 18:10	SMC	EET MID

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-36597-3

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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	68687	12/08/23 14:45	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68741	12/10/23 10:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68833	12/10/23 10:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			68661	12/08/23 19:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	68631	12/07/23 16:49	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68635	12/08/23 19:04	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	68528	12/06/23 14:25	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	68633	12/08/23 19:37	SMC	EET MID

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-36597-4

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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	68687	12/08/23 14:45	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68741	12/10/23 10:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68833	12/10/23 10:43	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-36597-1
SDG: Lea County New Mexico

Client Sample ID: H-4 (0-0.5')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36597-4
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			68661	12/08/23 12:34	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	68662	12/08/23 09:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68639	12/08/23 12:34	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	68528	12/06/23 14:25	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	68633	12/08/23 19:45	SMC	EET MID

Client Sample ID: H-5 (0-0.5')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36597-5
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			5.02 g	5 mL	68687	12/08/23 14:45	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68741	12/10/23 11:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68833	12/10/23 11:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			68661	12/08/23 12:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	68662	12/08/23 09:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68639	12/08/23 12:58	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	68528	12/06/23 14:25	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	68633	12/08/23 19:52	SMC	EET MID

Client Sample ID: H-6 (0-0.5')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36597-6
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			5.05 g	5 mL	68687	12/08/23 14:45	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68741	12/10/23 11:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68833	12/10/23 11:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			68661	12/08/23 13:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	68662	12/08/23 09:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68639	12/08/23 13:22	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	68528	12/06/23 14:25	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	68633	12/08/23 20:00	SMC	EET MID

Client Sample ID: H-7 (0-0.5')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36597-7
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			4.95 g	5 mL	68687	12/08/23 14:45	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68741	12/10/23 11:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68833	12/10/23 11:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			68661	12/08/23 13:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	68662	12/08/23 09:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68639	12/08/23 13:46	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-36597-1
SDG: Lea County New Mexico

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-36597-7

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	68528	12/06/23 14:25	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	68633	12/08/23 20:08	SMC	EET MID

Client Sample ID: H-8 (0-0.5')

Lab Sample ID: 880-36597-8

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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	68687	12/08/23 14:45	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68741	12/10/23 12:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68833	12/10/23 12:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			68661	12/08/23 14:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	68662	12/08/23 09:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68639	12/08/23 14:09	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	68528	12/06/23 14:25	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	68633	12/08/23 20:16	SMC	EET MID

Client Sample ID: H-9 (0-0.5')

Lab Sample ID: 880-36597-9

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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	68687	12/08/23 14:45	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68741	12/10/23 12:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68833	12/10/23 12:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			68661	12/08/23 14:32	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	68662	12/08/23 09:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68639	12/08/23 14:32	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	68528	12/06/23 14:25	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	68633	12/08/23 20:24	SMC	EET MID

Client Sample ID: H-10 (0-0.5')

Lab Sample ID: 880-36597-10

Date Collected: 11/29/23 00:00

Matrix: Solid

Date Received: 12/06/23 13:18

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	68687	12/08/23 14:45	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68741	12/10/23 12:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68833	12/10/23 12:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			68661	12/08/23 14:55	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	68662	12/08/23 09:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68639	12/08/23 14:55	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	68606	12/07/23 13:17	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	68634	12/10/23 00:58	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-36597-1
SDG: Lea County New Mexico

Client Sample ID: H-11 (0-0.5')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36597-11
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			4.96 g	5 mL	68687	12/08/23 14:45	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68741	12/10/23 13:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68833	12/10/23 13:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			68661	12/08/23 15:17	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	68662	12/08/23 09:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68639	12/08/23 15:17	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	68606	12/07/23 13:17	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	68634	12/10/23 01:05	CH	EET MID

Client Sample ID: H-12 (0-0.5')
Date Collected: 11/29/23 00:00
Date Received: 12/06/23 13:18

Lab Sample ID: 880-36597-12
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			5.04 g	5 mL	68687	12/08/23 14:45	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68741	12/10/23 13:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68833	12/10/23 13:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			68661	12/08/23 16:04	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	68662	12/08/23 09:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68639	12/08/23 16:04	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	68606	12/07/23 13:17	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	68634	12/10/23 01:11	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: Denton Battery (11.07.23)

Job ID: 880-36597-1
SDG: Lea County New Mexico

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	T104704400-23-26	06-30-24
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

- 1
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Method Summary

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-36597-1
SDG: Lea County New Mexico

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: Denton Battery (11.07.23)

Job ID: 880-36597-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-36597-1	H-1 (0-0.5')	Solid	11/29/23 00:00	12/06/23 13:18
880-36597-2	H-2 (0-0.5')	Solid	11/29/23 00:00	12/06/23 13:18
880-36597-3	H-3 (0-0.5')	Solid	11/29/23 00:00	12/06/23 13:18
880-36597-4	H-4 (0-0.5')	Solid	11/29/23 00:00	12/06/23 13:18
880-36597-5	H-5 (0-0.5')	Solid	11/29/23 00:00	12/06/23 13:18
880-36597-6	H-6 (0-0.5')	Solid	11/29/23 00:00	12/06/23 13:18
880-36597-7	H-7 (0-0.5')	Solid	11/29/23 00:00	12/06/23 13:18
880-36597-8	H-8 (0-0.5')	Solid	11/29/23 00:00	12/06/23 13:18
880-36597-9	H-9 (0-0.5')	Solid	11/29/23 00:00	12/06/23 13:18
880-36597-10	H-10 (0-0.5')	Solid	11/29/23 00:00	12/06/23 13:18
880-36597-11	H-11 (0-0.5')	Solid	11/29/23 00:00	12/06/23 13:18
880-36597-12	H-12 (0-0.5')	Solid	11/29/23 00:00	12/06/23 13:18

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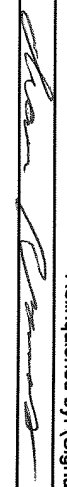
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Project Manager	Conner Moehring	Bill to, (if different)	Grant Huckabee & Addison Guekler
Company Name:	Carmona Resources	Company Name:	Fasken Oil and Ranch
Address	310 W Wall St Ste 415	Address:	6101 Holiday Hill Road
City, State ZIP	Midland, TX 79701	City, State ZIP:	Midland, Texas 79707
Phone:	432-813-6823	Email:	GrantH@fof.com & addisog@fof.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Rowfields ☐ IRC ☐ perfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other ☐	

Project Name:		Denton Battery (11.07.23)		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	2196	☒ Routine	☐ Rush	Due Date:	Standard														None: NO	DI Water H ₂ O	
Project Location	Lea County, New Mexico																		Cool Cool	MeOH Me	
Sampler's Name	CRM & DD																		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																			
Cooler Custody Seals:	Yes No N/A	Correction Factor																			
Sample Custody Seals	Yes No N/A	Temperature Reading:																			
Total Containers		Corrected Temperature:																			
Sample Identification		Date	Time	Soil	Water	Grav/Comp	# of Cont													Sample Comments	
H-1 (0-0.5')	11/29/2023			X		G	1	X	X	X											
H-2 (0-0.5')	11/29/2023			X		G	1	X	X	X											
H-3 (0-0.5')	11/29/2023			X		G	1	X	X	X											
H-4 (0-0.5')	11/29/2023			X		G	1	X	X	X											
H-5 (0-0.5')	11/29/2023			X		G	1	X	X	X											
H-6 (0-0.5')	11/29/2023			X		G	1	X	X	X											
H-7 (0-0.5')	11/29/2023			X		G	1	X	X	X											
H-8 (0-0.5')	11/29/2023			X		G	1	X	X	X											
H-9 (0-0.5')	11/29/2023			X		G	1	X	X	X											
H-10 (0-0.5')	11/29/2023			X		G	1	X	X	X											
BTX 8021B																					
TPH 8015M (GRO + DRO + MRO)																					
Chloride 300.0																					

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	11/6/23 @ 13:18		



880-36597 Chain of Custody

7

Project Manager	Conner Moehring	Bill to (if different)	Grant Huckabee & Addison Guekler
Company Name	Carmona Resources	Company Name:	Fasken Oil and Ranch
Address:	310 W Wall St Ste 415	Address:	6101 Holiday Hill Road
City, State ZIP	Midland, TX 79701	City, State ZIP:	Midland, Texas 79707
Phone:	432-813-6823	Email	GrantH@for.com & addisog@for.com

Work Order Comments	
Program: USTR/ST ☐ PRP ☐ Brownfields ☐ RC ☐ ☐ perfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other _____	

Work Order No: _____

[illegible]

Comments:

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	12/13/13		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-36597-1

SDG Number: Lea County New Mexico

Login Number: 36597

List Number: 1

List Source: Eurofins Midland

Creator: Kramer, Jessica

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.	True	
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

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/11/2024 6:33:14 PM

JOB DESCRIPTION

Denton Battery (11.07.23)
Lea County, New Mexico

JOB NUMBER

880-40472-1

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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Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Laboratory Job ID: 880-40472-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD 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.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD 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

Definitions/Glossary

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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

Case Narrative

Client: Carmona Resources
Project: Denton Battery (11.07.23)

Job ID: 880-40472-1

Job ID: 880-40472-1

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Job Narrative
880-40472-1

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 are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample 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 3/7/2024 4:34 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 -1.7°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1 (1.5') (880-40472-1), CS-2 (1.5') (880-40472-2), CS-3 (1.5') (880-40472-3), CS-4 (1.5') (880-40472-4), CS-5 (1.5') (880-40472-5), CS-6 (1.5') (880-40472-6), CS-7 (1.5') (880-40472-7), CS-8 (1.5') (880-40472-8), CS-9 (1.5') (880-40472-9), CS-10 (1.5') (880-40472-10), CS-11 (4.5') (880-40472-11), CS-12 (4.5') (880-40472-12), CS-13 (4.5') (880-40472-13), CS-14 (4.5') (880-40472-14), CS-15 (4.5') (880-40472-15), CS-16 (4.5') (880-40472-16), CS-17 (4.5') (880-40472-17), CS-18 (4.5') (880-40472-18), CS-19 (4.5') (880-40472-19), CS-20 (4.5') (880-40472-20), CS-21 (4.5') (880-40472-21), CS-22 (4.5') (880-40472-22), CS-23 (4.5') (880-40472-23), CS-24 (4.5') (880-40472-24), CS-25 (4.5') (880-40472-25), CS-26 (4.5') (880-40472-26), CS-27 (4.5') (880-40472-27), CS-28 (4.5') (880-40472-28), CS-29 (4.5') (880-40472-29), CS-30 (4.5') (880-40472-30), CS-31 (3') (880-40472-31), CS-32 (3') (880-40472-32), CS-33 (3') (880-40472-33), CS-34 (3') (880-40472-34), CS-35 (3') (880-40472-35), CS-36 (3') (880-40472-36), SW-1 (1.5') (880-40472-37), SW-2 (1.5') (880-40472-38), SW-3 (1.5') (880-40472-39), SW-4 (3') (880-40472-40), SW-5 (4.5') (880-40472-41), SW-6 (4.5') (880-40472-42), SW-7 (4.5') (880-40472-43), SW-8 (4.5') (880-40472-44), SW-9 (4.5') (880-40472-45), SW-10 (4.5') (880-40472-46), SW-11 (4.5') (880-40472-47), SW-12 (4.5') (880-40472-48), SW-13 (4.5') (880-40472-49), SW-14 (1.5') (880-40472-50), SW-15 (3') (880-40472-51), SW-16 (3') (880-40472-52), SW-17 (3') (880-40472-53), SW-18 (3') (880-40472-54), SW-19 (3') (880-40472-55) and SW-20 (3') (880-40472-56).

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: SW-6 (4.5') (880-40472-42). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-75036 and analytical batch 880-75043 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 8021B: The method blank for preparation batch 880-75035 and analytical batch 880-75042 contained Benzene above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-75043 recovered above the upper control limit for m-Xylene & p-Xylene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-75053 and analytical batch 880-75041 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 8021B: Surrogate recovery for the following sample was outside control limits: CS-34 (3') (880-40472-34). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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Case Narrative

Client: Carmona Resources
Project: Denton Battery (11.07.23)

Job ID: 880-40472-1

Job ID: 880-40472-1 (Continued)**Eurofins Midland**

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-15 (4.5') (880-40472-15) and (880-40472-A-1-A MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-75034 and analytical batch 880-75041 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 within acceptance limits.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: CS-5 (1.5') (880-40472-5). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-75116 and analytical batch 880-75049 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-9 (1.5') (880-40472-9), CS-13 (4.5') (880-40472-13), CS-14 (4.5') (880-40472-14), CS-19 (4.5') (880-40472-19) and CS-20 (4.5') (880-40472-20). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-75116 and analytical batch 880-75049 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-75116 and analytical batch 880-75049 was outside control limits. Sample non-homogeneity is suspected.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: CS-21 (4.5') (880-40472-21). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike (MS) recoveries for preparation batch 880-75147 and analytical batch 880-75142 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW-5 (4.5') (880-40472-41), SW-6 (4.5') (880-40472-42), SW-7 (4.5') (880-40472-43), SW-8 (4.5') (880-40472-44), SW-9 (4.5') (880-40472-45), SW-10 (4.5') (880-40472-46), SW-11 (4.5') (880-40472-47), SW-12 (4.5') (880-40472-48), SW-13 (4.5') (880-40472-49), SW-14 (1.5') (880-40472-50), SW-15 (3') (880-40472-51), SW-16 (3') (880-40472-52), SW-18 (3') (880-40472-54), SW-19 (3') (880-40472-55), (880-40472-A-41-F MS) and (880-40472-A-41-G MSD). 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.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-75032 and analytical batch 880-75060 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 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: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-1 (1.5')

Lab Sample ID: 880-40472-1

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 16:59	03/08/24 14:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/07/24 16:59	03/08/24 14:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/07/24 16:59	03/08/24 14:17	1
m-Xylene & p-Xylene	<0.00398	U F1 F2	0.00398		mg/Kg		03/07/24 16:59	03/08/24 14:17	1
o-Xylene	<0.00199	U F1 F2	0.00199		mg/Kg		03/07/24 16:59	03/08/24 14:17	1
Xylenes, Total	<0.00398	U F1 F2	0.00398		mg/Kg		03/07/24 16:59	03/08/24 14:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	03/07/24 16:59	03/08/24 14:17	1
1,4-Difluorobenzene (Surr)	105		70 - 130	03/07/24 16:59	03/08/24 14:17	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			03/08/24 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			03/08/24 20:09	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	<49.7	U F2 *1	49.7		mg/Kg		03/08/24 16:29	03/08/24 20:09	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		03/08/24 16:29	03/08/24 20:09	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		03/08/24 16:29	03/08/24 20:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130	03/08/24 16:29	03/08/24 20:09	1
o-Terphenyl	112		70 - 130	03/08/24 16:29	03/08/24 20:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	114		5.04		mg/Kg			03/08/24 14:58	1

Client Sample ID: CS-2 (1.5')

Lab Sample ID: 880-40472-2

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 16:59	03/08/24 14:37	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/07/24 16:59	03/08/24 14:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/07/24 16:59	03/08/24 14:37	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/07/24 16:59	03/08/24 14:37	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/07/24 16:59	03/08/24 14:37	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/07/24 16:59	03/08/24 14:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	03/07/24 16:59	03/08/24 14:37	1
1,4-Difluorobenzene (Surr)	113		70 - 130	03/07/24 16:59	03/08/24 14:37	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-2 (1.5')

Lab Sample ID: 880-40472-2

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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			03/08/24 14:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			03/08/24 21:13	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	<50.5	U *1	50.5		mg/Kg		03/08/24 16:29	03/08/24 21:13	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		03/08/24 16:29	03/08/24 21:13	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		03/08/24 16:29	03/08/24 21:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				03/08/24 16:29	03/08/24 21:13	1
o-Terphenyl	109		70 - 130				03/08/24 16:29	03/08/24 21:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102		4.98		mg/Kg			03/08/24 15:02	1

Client Sample ID: CS-3 (1.5')

Lab Sample ID: 880-40472-3

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 16:59	03/08/24 14:58	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/07/24 16:59	03/08/24 14:58	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/07/24 16:59	03/08/24 14:58	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		03/07/24 16:59	03/08/24 14:58	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/07/24 16:59	03/08/24 14:58	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/07/24 16:59	03/08/24 14:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				03/07/24 16:59	03/08/24 14:58	1
1,4-Difluorobenzene (Surr)	111		70 - 130				03/07/24 16:59	03/08/24 14:58	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			03/08/24 14:58	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			03/08/24 21:35	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 *1	49.7		mg/Kg		03/08/24 16:29	03/08/24 21:35	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		03/08/24 16:29	03/08/24 21:35	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-3 (1.5')

Lab Sample ID: 880-40472-3

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/08/24 16:29	03/08/24 21:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	03/08/24 16:29	03/08/24 21:35	1
o-Terphenyl	107		70 - 130	03/08/24 16:29	03/08/24 21:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	98.7		4.98		mg/Kg			03/08/24 15:07	1

Client Sample ID: CS-4 (1.5')

Lab Sample ID: 880-40472-4

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 16:59	03/08/24 15:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/07/24 16:59	03/08/24 15:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/07/24 16:59	03/08/24 15:19	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/07/24 16:59	03/08/24 15:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/07/24 16:59	03/08/24 15:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/07/24 16:59	03/08/24 15:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	03/07/24 16:59	03/08/24 15:19	1
1,4-Difluorobenzene (Surr)	117		70 - 130	03/07/24 16:59	03/08/24 15:19	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			03/08/24 15:19	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			03/08/24 21:57	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		03/08/24 16:29	03/08/24 21:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/08/24 16:29	03/08/24 21:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/08/24 16:29	03/08/24 21:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	03/08/24 16:29	03/08/24 21:57	1
o-Terphenyl	104		70 - 130	03/08/24 16:29	03/08/24 21:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	101		4.96		mg/Kg			03/08/24 15:20	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-5 (1.5')

Lab Sample ID: 880-40472-5

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 16:59	03/08/24 15:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/07/24 16:59	03/08/24 15:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/07/24 16:59	03/08/24 15:39	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/07/24 16:59	03/08/24 15:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/07/24 16:59	03/08/24 15:39	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/07/24 16:59	03/08/24 15:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	03/07/24 16:59	03/08/24 15:39	1
1,4-Difluorobenzene (Surr)	113		70 - 130	03/07/24 16:59	03/08/24 15:39	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			03/08/24 15:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/08/24 22:19	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 *1	49.8		mg/Kg		03/08/24 16:29	03/08/24 22:19	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/08/24 16:29	03/08/24 22:19	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/08/24 16:29	03/08/24 22:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130	03/08/24 16:29	03/08/24 22:19	1
o-Terphenyl	115		70 - 130	03/08/24 16:29	03/08/24 22:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	95.9		5.01		mg/Kg			03/08/24 15:24	1

Client Sample ID: CS-6 (1.5')

Lab Sample ID: 880-40472-6

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 16:59	03/08/24 16:31	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/07/24 16:59	03/08/24 16:31	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/07/24 16:59	03/08/24 16:31	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/07/24 16:59	03/08/24 16:31	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/07/24 16:59	03/08/24 16:31	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/07/24 16:59	03/08/24 16:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	03/07/24 16:59	03/08/24 16:31	1
1,4-Difluorobenzene (Surr)	109		70 - 130	03/07/24 16:59	03/08/24 16:31	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-6 (1.5')

Lab Sample ID: 880-40472-6

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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			03/08/24 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	<49.6	U	49.6		mg/Kg			03/08/24 22:42	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	<49.6	U *1	49.6		mg/Kg		03/08/24 16:29	03/08/24 22:42	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		03/08/24 16:29	03/08/24 22:42	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		03/08/24 16:29	03/08/24 22:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				03/08/24 16:29	03/08/24 22:42	1
o-Terphenyl	107		70 - 130				03/08/24 16:29	03/08/24 22:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94.3		5.03		mg/Kg			03/08/24 15:29	1

Client Sample ID: CS-7 (1.5')

Lab Sample ID: 880-40472-7

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 16:59	03/08/24 16:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/07/24 16:59	03/08/24 16:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/07/24 16:59	03/08/24 16:51	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/07/24 16:59	03/08/24 16:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/07/24 16:59	03/08/24 16:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/07/24 16:59	03/08/24 16:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				03/07/24 16:59	03/08/24 16:51	1
1,4-Difluorobenzene (Surr)	109		70 - 130				03/07/24 16:59	03/08/24 16:51	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			03/08/24 16:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			03/08/24 23:04	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	<50.1	U *1	50.1		mg/Kg		03/08/24 16:29	03/08/24 23:04	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		03/08/24 16:29	03/08/24 23:04	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-7 (1.5')

Lab Sample ID: 880-40472-7

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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)	<50.1	U	50.1		mg/Kg		03/08/24 16:29	03/08/24 23:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				03/08/24 16:29	03/08/24 23:04	1
o-Terphenyl	98		70 - 130				03/08/24 16:29	03/08/24 23:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	91.5		5.02		mg/Kg			03/08/24 15:33	1

Client Sample ID: CS-8 (1.5')

Lab Sample ID: 880-40472-8

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 16:59	03/08/24 17:12	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/07/24 16:59	03/08/24 17:12	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/07/24 16:59	03/08/24 17:12	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/07/24 16:59	03/08/24 17:12	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/07/24 16:59	03/08/24 17:12	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/07/24 16:59	03/08/24 17:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				03/07/24 16:59	03/08/24 17:12	1
1,4-Difluorobenzene (Surr)	114		70 - 130				03/07/24 16:59	03/08/24 17:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/08/24 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	<50.4	U	50.4		mg/Kg			03/08/24 23:27	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	<50.4	U *1	50.4		mg/Kg		03/08/24 16:29	03/08/24 23:27	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		03/08/24 16:29	03/08/24 23:27	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		03/08/24 16:29	03/08/24 23:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				03/08/24 16:29	03/08/24 23:27	1
o-Terphenyl	93		70 - 130				03/08/24 16:29	03/08/24 23:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	101		4.98		mg/Kg			03/08/24 15:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-9 (1.5')

Lab Sample ID: 880-40472-9

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 16:59	03/08/24 17:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/07/24 16:59	03/08/24 17:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/07/24 16:59	03/08/24 17:32	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/07/24 16:59	03/08/24 17:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/07/24 16:59	03/08/24 17:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/07/24 16:59	03/08/24 17:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	03/07/24 16:59	03/08/24 17:32	1
1,4-Difluorobenzene (Surr)	111		70 - 130	03/07/24 16:59	03/08/24 17:32	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			03/08/24 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	<50.5	U	50.5		mg/Kg			03/08/24 23:48	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	<50.5	U *1	50.5		mg/Kg		03/08/24 16:29	03/08/24 23:48	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		03/08/24 16:29	03/08/24 23:48	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		03/08/24 16:29	03/08/24 23:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	61	S1-	70 - 130	03/08/24 16:29	03/08/24 23:48	1
o-Terphenyl	55	S1-	70 - 130	03/08/24 16:29	03/08/24 23:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	134		4.99		mg/Kg			03/08/24 15:42	1

Client Sample ID: CS-10 (1.5')

Lab Sample ID: 880-40472-10

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 16:59	03/08/24 17:52	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/07/24 16:59	03/08/24 17:52	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/07/24 16:59	03/08/24 17:52	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/07/24 16:59	03/08/24 17:52	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/07/24 16:59	03/08/24 17:52	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/07/24 16:59	03/08/24 17:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	03/07/24 16:59	03/08/24 17:52	1
1,4-Difluorobenzene (Surr)	110		70 - 130	03/07/24 16:59	03/08/24 17:52	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-10 (1.5')

Lab Sample ID: 880-40472-10

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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			03/08/24 17:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/09/24 00:10	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 *1	49.9		mg/Kg		03/08/24 16:29	03/09/24 00:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/08/24 16:29	03/09/24 00:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/08/24 16:29	03/09/24 00:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				03/08/24 16:29	03/09/24 00:10	1
o-Terphenyl	86		70 - 130				03/08/24 16:29	03/09/24 00:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	114		4.95		mg/Kg			03/08/24 15:55	1

Client Sample ID: CS-11 (4.5')

Lab Sample ID: 880-40472-11

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 16:59	03/08/24 19:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/07/24 16:59	03/08/24 19:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/07/24 16:59	03/08/24 19:43	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/07/24 16:59	03/08/24 19:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/07/24 16:59	03/08/24 19:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/07/24 16:59	03/08/24 19:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				03/07/24 16:59	03/08/24 19:43	1
1,4-Difluorobenzene (Surr)	102		70 - 130				03/07/24 16:59	03/08/24 19:43	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			03/08/24 19:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			03/09/24 00:55	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 *1	49.7		mg/Kg		03/08/24 16:29	03/09/24 00:55	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		03/08/24 16:29	03/09/24 00:55	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-11 (4.5')

Lab Sample ID: 880-40472-11

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/08/24 16:29	03/09/24 00:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	03/08/24 16:29	03/09/24 00:55	1
o-Terphenyl	96		70 - 130	03/08/24 16:29	03/09/24 00:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	90.5		5.01		mg/Kg			03/08/24 16:00	1

Client Sample ID: CS-12 (4.5')

Lab Sample ID: 880-40472-12

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 16:59	03/08/24 20:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/07/24 16:59	03/08/24 20:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/07/24 16:59	03/08/24 20:03	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/07/24 16:59	03/08/24 20:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/07/24 16:59	03/08/24 20:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/07/24 16:59	03/08/24 20:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	03/07/24 16:59	03/08/24 20:03	1
1,4-Difluorobenzene (Surr)	112		70 - 130	03/07/24 16:59	03/08/24 20:03	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			03/08/24 20:03	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			03/09/24 01:18	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	<50.0	U *1	50.0		mg/Kg		03/08/24 16:29	03/09/24 01:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/08/24 16:29	03/09/24 01:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/08/24 16:29	03/09/24 01:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	03/08/24 16:29	03/09/24 01:18	1
o-Terphenyl	86		70 - 130	03/08/24 16:29	03/09/24 01:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94.4		5.05		mg/Kg			03/08/24 16:13	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-13 (4.5')

Lab Sample ID: 880-40472-13

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 16:59	03/08/24 20:24	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/07/24 16:59	03/08/24 20:24	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/07/24 16:59	03/08/24 20:24	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/07/24 16:59	03/08/24 20:24	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/07/24 16:59	03/08/24 20:24	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/07/24 16:59	03/08/24 20:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	03/07/24 16:59	03/08/24 20:24	1
1,4-Difluorobenzene (Surr)	114		70 - 130	03/07/24 16:59	03/08/24 20:24	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			03/08/24 20:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.5	U	49.5		mg/Kg			03/09/24 01:39	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	<49.5	U *1	49.5		mg/Kg		03/08/24 16:29	03/09/24 01:39	1
Diesel Range Organics (Over C10-C28)	<49.5	U	49.5		mg/Kg		03/08/24 16:29	03/09/24 01:39	1
Oil Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		03/08/24 16:29	03/09/24 01:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	47	S1-	70 - 130	03/08/24 16:29	03/09/24 01:39	1
o-Terphenyl	42	S1-	70 - 130	03/08/24 16:29	03/09/24 01:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	91.3		5.05		mg/Kg			03/08/24 16:18	1

Client Sample ID: CS-14 (4.5')

Lab Sample ID: 880-40472-14

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 16:59	03/08/24 20:44	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/07/24 16:59	03/08/24 20:44	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/07/24 16:59	03/08/24 20:44	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		03/07/24 16:59	03/08/24 20:44	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/07/24 16:59	03/08/24 20:44	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/07/24 16:59	03/08/24 20:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	03/07/24 16:59	03/08/24 20:44	1
1,4-Difluorobenzene (Surr)	114		70 - 130	03/07/24 16:59	03/08/24 20:44	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-14 (4.5')

Lab Sample ID: 880-40472-14

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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			03/08/24 20:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			03/09/24 02:01	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	<50.1	U *1	50.1		mg/Kg		03/08/24 16:29	03/09/24 02:01	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		03/08/24 16:29	03/09/24 02:01	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		03/08/24 16:29	03/09/24 02:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	55	S1-	70 - 130				03/08/24 16:29	03/09/24 02:01	1
o-Terphenyl	48	S1-	70 - 130				03/08/24 16:29	03/09/24 02:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102		5.02		mg/Kg			03/08/24 16:22	1

Client Sample ID: CS-15 (4.5')

Lab Sample ID: 880-40472-15

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 16:59	03/08/24 21:05	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/07/24 16:59	03/08/24 21:05	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/07/24 16:59	03/08/24 21:05	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/07/24 16:59	03/08/24 21:05	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/07/24 16:59	03/08/24 21:05	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/07/24 16:59	03/08/24 21:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130				03/07/24 16:59	03/08/24 21:05	1
1,4-Difluorobenzene (Surr)	117		70 - 130				03/07/24 16:59	03/08/24 21:05	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			03/08/24 21:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			03/09/24 02:24	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	<50.5	U *1	50.5		mg/Kg		03/08/24 16:29	03/09/24 02:24	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		03/08/24 16:29	03/09/24 02:24	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-15 (4.5')

Lab Sample ID: 880-40472-15

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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)	<50.5	U	50.5		mg/Kg		03/08/24 16:29	03/09/24 02:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				03/08/24 16:29	03/09/24 02:24	1
o-Terphenyl	91		70 - 130				03/08/24 16:29	03/09/24 02:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.1		5.01		mg/Kg			03/08/24 16:27	1

Client Sample ID: CS-16 (4.5')

Lab Sample ID: 880-40472-16

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 16:59	03/08/24 21:25	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/07/24 16:59	03/08/24 21:25	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/07/24 16:59	03/08/24 21:25	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/07/24 16:59	03/08/24 21:25	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/07/24 16:59	03/08/24 21:25	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/07/24 16:59	03/08/24 21:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				03/07/24 16:59	03/08/24 21:25	1
1,4-Difluorobenzene (Surr)	106		70 - 130				03/07/24 16:59	03/08/24 21:25	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			03/08/24 21:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			03/09/24 02:46	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	<50.4	U *1	50.4		mg/Kg		03/08/24 16:29	03/09/24 02:46	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		03/08/24 16:29	03/09/24 02:46	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		03/08/24 16:29	03/09/24 02:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				03/08/24 16:29	03/09/24 02:46	1
o-Terphenyl	98		70 - 130				03/08/24 16:29	03/09/24 02:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	92.8		4.99		mg/Kg			03/08/24 16:31	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-17 (4.5')

Lab Sample ID: 880-40472-17

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 16:59	03/08/24 21:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/07/24 16:59	03/08/24 21:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/07/24 16:59	03/08/24 21:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/07/24 16:59	03/08/24 21:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/07/24 16:59	03/08/24 21:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/07/24 16:59	03/08/24 21:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	03/07/24 16:59	03/08/24 21:46	1
1,4-Difluorobenzene (Surr)	111		70 - 130	03/07/24 16:59	03/08/24 21:46	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			03/08/24 21:46	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			03/09/24 03:07	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 *1	49.9		mg/Kg		03/08/24 16:29	03/09/24 03:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/08/24 16:29	03/09/24 03:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/08/24 16:29	03/09/24 03:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	03/08/24 16:29	03/09/24 03:07	1
o-Terphenyl	102		70 - 130	03/08/24 16:29	03/09/24 03:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	95.6		4.99		mg/Kg			03/08/24 16:35	1

Client Sample ID: CS-18 (4.5')

Lab Sample ID: 880-40472-18

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 16:59	03/08/24 22:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/07/24 16:59	03/08/24 22:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/07/24 16:59	03/08/24 22:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/07/24 16:59	03/08/24 22:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/07/24 16:59	03/08/24 22:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/07/24 16:59	03/08/24 22:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	03/07/24 16:59	03/08/24 22:06	1
1,4-Difluorobenzene (Surr)	106		70 - 130	03/07/24 16:59	03/08/24 22:06	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-18 (4.5')

Lab Sample ID: 880-40472-18

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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			03/08/24 22:06	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			03/09/24 03:30	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	<50.0	U *1	50.0		mg/Kg		03/08/24 16:29	03/09/24 03:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/08/24 16:29	03/09/24 03:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/08/24 16:29	03/09/24 03:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				03/08/24 16:29	03/09/24 03:30	1
o-Terphenyl	89		70 - 130				03/08/24 16:29	03/09/24 03:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	91.8		4.98		mg/Kg			03/08/24 16:40	1

Client Sample ID: CS-19 (4.5')

Lab Sample ID: 880-40472-19

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 16:59	03/08/24 22:27	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/07/24 16:59	03/08/24 22:27	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/07/24 16:59	03/08/24 22:27	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/07/24 16:59	03/08/24 22:27	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/07/24 16:59	03/08/24 22:27	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/07/24 16:59	03/08/24 22:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				03/07/24 16:59	03/08/24 22:27	1
1,4-Difluorobenzene (Surr)	98		70 - 130				03/07/24 16:59	03/08/24 22:27	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			03/08/24 22:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/09/24 03:52	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 *1	49.8		mg/Kg		03/08/24 16:29	03/09/24 03:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/08/24 16:29	03/09/24 03:52	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-19 (4.5')

Lab Sample ID: 880-40472-19

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/08/24 16:29	03/09/24 03:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	58	S1-	70 - 130				03/08/24 16:29	03/09/24 03:52	1
o-Terphenyl	51	S1-	70 - 130				03/08/24 16:29	03/09/24 03:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	156	F1	4.96		mg/Kg			03/08/24 17:16	1

Client Sample ID: CS-20 (4.5')

Lab Sample ID: 880-40472-20

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 16:59	03/08/24 22:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/07/24 16:59	03/08/24 22:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/07/24 16:59	03/08/24 22:48	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/07/24 16:59	03/08/24 22:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/07/24 16:59	03/08/24 22:48	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/07/24 16:59	03/08/24 22:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				03/07/24 16:59	03/08/24 22:48	1
1,4-Difluorobenzene (Surr)	104		70 - 130				03/07/24 16:59	03/08/24 22:48	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			03/08/24 22:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			03/09/24 04:14	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	<50.5	U *1	50.5		mg/Kg		03/08/24 16:29	03/09/24 04:14	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		03/08/24 16:29	03/09/24 04:14	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		03/08/24 16:29	03/09/24 04:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				03/08/24 16:29	03/09/24 04:14	1
o-Terphenyl	67	S1-	70 - 130				03/08/24 16:29	03/09/24 04:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	118		5.02		mg/Kg			03/08/24 17:29	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-21 (4.5')

Lab Sample ID: 880-40472-21

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 17:02	03/08/24 11:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/07/24 17:02	03/08/24 11:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/07/24 17:02	03/08/24 11:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/07/24 17:02	03/08/24 11:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/07/24 17:02	03/08/24 11:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/07/24 17:02	03/08/24 11:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	03/07/24 17:02	03/08/24 11:17	1
1,4-Difluorobenzene (Surr)	84		70 - 130	03/07/24 17:02	03/08/24 11:17	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			03/08/24 11:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/09/24 21:21	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		03/09/24 10:07	03/09/24 21:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1	49.9		mg/Kg		03/09/24 10:07	03/09/24 21:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/09/24 10:07	03/09/24 21:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	161	S1+	70 - 130	03/09/24 10:07	03/09/24 21:21	1
o-Terphenyl	147	S1+	70 - 130	03/09/24 10:07	03/09/24 21:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	103		5.04		mg/Kg			03/08/24 17:33	1

Client Sample ID: CS-22 (4.5')

Lab Sample ID: 880-40472-22

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/08/24 09:41	03/09/24 02:27	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/08/24 09:41	03/09/24 02:27	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/08/24 09:41	03/09/24 02:27	1
m-Xylene & p-Xylene	<0.00396	U *+	0.00396		mg/Kg		03/08/24 09:41	03/09/24 02:27	1
o-Xylene	<0.00198	U *+	0.00198		mg/Kg		03/08/24 09:41	03/09/24 02:27	1
Xylenes, Total	<0.00396	U *+	0.00396		mg/Kg		03/08/24 09:41	03/09/24 02:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	03/08/24 09:41	03/09/24 02:27	1
1,4-Difluorobenzene (Surr)	103		70 - 130	03/08/24 09:41	03/09/24 02:27	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-22 (4.5')

Lab Sample ID: 880-40472-22

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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			03/09/24 02:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			03/09/24 22:27	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	<49.6	U	49.6		mg/Kg		03/09/24 10:07	03/09/24 22:27	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		03/09/24 10:07	03/09/24 22:27	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		03/09/24 10:07	03/09/24 22:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130				03/09/24 10:07	03/09/24 22:27	1
o-Terphenyl	112		70 - 130				03/09/24 10:07	03/09/24 22:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	98.3		4.97		mg/Kg			03/08/24 17:38	1

Client Sample ID: CS-23 (4.5')

Lab Sample ID: 880-40472-23

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/08/24 09:41	03/09/24 02:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/08/24 09:41	03/09/24 02:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/08/24 09:41	03/09/24 02:48	1
m-Xylene & p-Xylene	<0.00402	U **	0.00402		mg/Kg		03/08/24 09:41	03/09/24 02:48	1
o-Xylene	<0.00201	U **	0.00201		mg/Kg		03/08/24 09:41	03/09/24 02:48	1
Xylenes, Total	<0.00402	U **	0.00402		mg/Kg		03/08/24 09:41	03/09/24 02:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				03/08/24 09:41	03/09/24 02:48	1
1,4-Difluorobenzene (Surr)	107		70 - 130				03/08/24 09:41	03/09/24 02:48	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			03/09/24 02:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			03/09/24 22:48	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	<50.1	U	50.1		mg/Kg		03/09/24 10:07	03/09/24 22:48	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		03/09/24 10:07	03/09/24 22:48	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-23 (4.5')

Lab Sample ID: 880-40472-23

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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)	<50.1	U	50.1		mg/Kg		03/09/24 10:07	03/09/24 22:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130				03/09/24 10:07	03/09/24 22:48	1
o-Terphenyl	125		70 - 130				03/09/24 10:07	03/09/24 22:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102		4.98		mg/Kg			03/08/24 17:42	1

Client Sample ID: CS-24 (4.5')

Lab Sample ID: 880-40472-24

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/08/24 09:41	03/09/24 03:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/08/24 09:41	03/09/24 03:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/08/24 09:41	03/09/24 03:08	1
m-Xylene & p-Xylene	<0.00403	U **	0.00403		mg/Kg		03/08/24 09:41	03/09/24 03:08	1
o-Xylene	<0.00202	U **	0.00202		mg/Kg		03/08/24 09:41	03/09/24 03:08	1
Xylenes, Total	<0.00403	U **	0.00403		mg/Kg		03/08/24 09:41	03/09/24 03:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				03/08/24 09:41	03/09/24 03:08	1
1,4-Difluorobenzene (Surr)	113		70 - 130				03/08/24 09:41	03/09/24 03:08	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			03/09/24 03:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			03/09/24 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	<50.1	U	50.1		mg/Kg		03/09/24 10:07	03/09/24 23:09	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		03/09/24 10:07	03/09/24 23:09	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		03/09/24 10:07	03/09/24 23:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				03/09/24 10:07	03/09/24 23:09	1
o-Terphenyl	108		70 - 130				03/09/24 10:07	03/09/24 23:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.0		5.00		mg/Kg			03/08/24 17:55	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-25 (4.5')

Lab Sample ID: 880-40472-25

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/08/24 09:41	03/09/24 03:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/08/24 09:41	03/09/24 03:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/08/24 09:41	03/09/24 03:29	1
m-Xylene & p-Xylene	<0.00398	U *	0.00398		mg/Kg		03/08/24 09:41	03/09/24 03:29	1
o-Xylene	<0.00199	U *	0.00199		mg/Kg		03/08/24 09:41	03/09/24 03:29	1
Xylenes, Total	<0.00398	U *	0.00398		mg/Kg		03/08/24 09:41	03/09/24 03:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	03/08/24 09:41	03/09/24 03:29	1
1,4-Difluorobenzene (Surr)	103		70 - 130	03/08/24 09:41	03/09/24 03:29	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			03/09/24 03:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			03/09/24 23:30	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	<50.4	U	50.4		mg/Kg		03/09/24 10:07	03/09/24 23:30	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		03/09/24 10:07	03/09/24 23:30	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		03/09/24 10:07	03/09/24 23:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	03/09/24 10:07	03/09/24 23:30	1
o-Terphenyl	108		70 - 130	03/09/24 10:07	03/09/24 23:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	81.9		5.02		mg/Kg			03/08/24 18:00	1

Client Sample ID: CS-26 (4.5')

Lab Sample ID: 880-40472-26

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/08/24 09:41	03/09/24 03:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/08/24 09:41	03/09/24 03:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/08/24 09:41	03/09/24 03:49	1
m-Xylene & p-Xylene	<0.00399	U *	0.00399		mg/Kg		03/08/24 09:41	03/09/24 03:49	1
o-Xylene	<0.00200	U *	0.00200		mg/Kg		03/08/24 09:41	03/09/24 03:49	1
Xylenes, Total	<0.00399	U *	0.00399		mg/Kg		03/08/24 09:41	03/09/24 03:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	03/08/24 09:41	03/09/24 03:49	1
1,4-Difluorobenzene (Surr)	113		70 - 130	03/08/24 09:41	03/09/24 03:49	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-26 (4.5')

Lab Sample ID: 880-40472-26

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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			03/09/24 03:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			03/09/24 23:50	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	<50.3	U	50.3		mg/Kg		03/09/24 10:07	03/09/24 23:50	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		03/09/24 10:07	03/09/24 23:50	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		03/09/24 10:07	03/09/24 23:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				03/09/24 10:07	03/09/24 23:50	1
o-Terphenyl	86		70 - 130				03/09/24 10:07	03/09/24 23:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		5.01		mg/Kg			03/08/24 18:04	1

Client Sample ID: CS-27 (4.5')

Lab Sample ID: 880-40472-27

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 17:02	03/08/24 13:21	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/07/24 17:02	03/08/24 13:21	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/07/24 17:02	03/08/24 13:21	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/07/24 17:02	03/08/24 13:21	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/07/24 17:02	03/08/24 13:21	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/07/24 17:02	03/08/24 13:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130				03/07/24 17:02	03/08/24 13:21	1
1,4-Difluorobenzene (Surr)	91		70 - 130				03/07/24 17:02	03/08/24 13:21	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			03/08/24 13:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			03/10/24 00:11	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	<50.5	U	50.5		mg/Kg		03/09/24 10:07	03/10/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		03/09/24 10:07	03/10/24 00:11	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-27 (4.5')

Lab Sample ID: 880-40472-27

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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)	<50.5	U	50.5		mg/Kg		03/09/24 10:07	03/10/24 00:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				03/09/24 10:07	03/10/24 00:11	1
o-Terphenyl	96		70 - 130				03/09/24 10:07	03/10/24 00:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	90.5		5.00		mg/Kg			03/08/24 18:09	1

Client Sample ID: CS-28 (4.5')

Lab Sample ID: 880-40472-28

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 17:02	03/08/24 13:42	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/07/24 17:02	03/08/24 13:42	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/07/24 17:02	03/08/24 13:42	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/07/24 17:02	03/08/24 13:42	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/07/24 17:02	03/08/24 13:42	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/07/24 17:02	03/08/24 13:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130				03/07/24 17:02	03/08/24 13:42	1
1,4-Difluorobenzene (Surr)	91		70 - 130				03/07/24 17:02	03/08/24 13:42	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			03/08/24 13:42	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			03/10/24 00:32	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	<50.0	U	50.0		mg/Kg		03/09/24 10:07	03/10/24 00:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/09/24 10:07	03/10/24 00:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/09/24 10:07	03/10/24 00:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				03/09/24 10:07	03/10/24 00:32	1
o-Terphenyl	94		70 - 130				03/09/24 10:07	03/10/24 00:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	90.8		5.04		mg/Kg			03/08/24 18:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-29 (4.5')

Lab Sample ID: 880-40472-29

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 17:02	03/08/24 14:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/07/24 17:02	03/08/24 14:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/07/24 17:02	03/08/24 14:02	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/07/24 17:02	03/08/24 14:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/07/24 17:02	03/08/24 14:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/07/24 17:02	03/08/24 14:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	03/07/24 17:02	03/08/24 14:02	1
1,4-Difluorobenzene (Surr)	77		70 - 130	03/07/24 17:02	03/08/24 14:02	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			03/08/24 14:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/10/24 00:53	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		03/09/24 10:07	03/10/24 00:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/09/24 10:07	03/10/24 00:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/09/24 10:07	03/10/24 00:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	03/09/24 10:07	03/10/24 00:53	1
o-Terphenyl	97		70 - 130	03/09/24 10:07	03/10/24 00:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	93.8	F1	5.03		mg/Kg			03/08/24 18:18	1

Client Sample ID: CS-30 (4.5')

Lab Sample ID: 880-40472-30

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 17:02	03/08/24 14:23	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/07/24 17:02	03/08/24 14:23	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/07/24 17:02	03/08/24 14:23	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/07/24 17:02	03/08/24 14:23	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/07/24 17:02	03/08/24 14:23	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/07/24 17:02	03/08/24 14:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	03/07/24 17:02	03/08/24 14:23	1
1,4-Difluorobenzene (Surr)	89		70 - 130	03/07/24 17:02	03/08/24 14:23	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-30 (4.5')

Lab Sample ID: 880-40472-30

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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			03/08/24 14:23	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			03/10/24 01:13	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		03/09/24 10:07	03/10/24 01:13	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/09/24 10:07	03/10/24 01:13	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/09/24 10:07	03/10/24 01:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130				03/09/24 10:07	03/10/24 01:13	1
o-Terphenyl	117		70 - 130				03/09/24 10:07	03/10/24 01:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		4.95		mg/Kg			03/08/24 18:31	1

Client Sample ID: CS-31 (3')

Lab Sample ID: 880-40472-31

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 17:02	03/08/24 17:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/07/24 17:02	03/08/24 17:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/07/24 17:02	03/08/24 17:00	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/07/24 17:02	03/08/24 17:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/07/24 17:02	03/08/24 17:00	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/07/24 17:02	03/08/24 17:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		70 - 130				03/07/24 17:02	03/08/24 17:00	1
1,4-Difluorobenzene (Surr)	79		70 - 130				03/07/24 17:02	03/08/24 17:00	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			03/08/24 17:00	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			03/10/24 01:55	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		03/09/24 10:07	03/10/24 01:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/09/24 10:07	03/10/24 01:55	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-31 (3')

Lab Sample ID: 880-40472-31

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/09/24 10:07	03/10/24 01:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				03/09/24 10:07	03/10/24 01:55	1
o-Terphenyl	100		70 - 130				03/09/24 10:07	03/10/24 01:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	85.5		5.02		mg/Kg			03/08/24 18:35	1

Client Sample ID: CS-32 (3')

Lab Sample ID: 880-40472-32

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 17:02	03/08/24 17:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/07/24 17:02	03/08/24 17:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/07/24 17:02	03/08/24 17:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/07/24 17:02	03/08/24 17:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/07/24 17:02	03/08/24 17:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/07/24 17:02	03/08/24 17:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				03/07/24 17:02	03/08/24 17:20	1
1,4-Difluorobenzene (Surr)	84		70 - 130				03/07/24 17:02	03/08/24 17:20	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			03/08/24 17:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			03/10/24 03:16	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	<50.2	U	50.2		mg/Kg		03/09/24 10:07	03/10/24 03:16	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		03/09/24 10:07	03/10/24 03:16	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		03/09/24 10:07	03/10/24 03:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				03/09/24 10:07	03/10/24 03:16	1
o-Terphenyl	98		70 - 130				03/09/24 10:07	03/10/24 03:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94.3		5.05		mg/Kg			03/08/24 18:49	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-33 (3')

Lab Sample ID: 880-40472-33

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 17:02	03/08/24 17:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/07/24 17:02	03/08/24 17:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/07/24 17:02	03/08/24 17:41	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/07/24 17:02	03/08/24 17:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/07/24 17:02	03/08/24 17:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/07/24 17:02	03/08/24 17:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	03/07/24 17:02	03/08/24 17:41	1
1,4-Difluorobenzene (Surr)	85		70 - 130	03/07/24 17:02	03/08/24 17:41	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			03/08/24 17:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			03/10/24 03:36	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	<50.2	U	50.2		mg/Kg		03/09/24 10:07	03/10/24 03:36	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		03/09/24 10:07	03/10/24 03:36	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		03/09/24 10:07	03/10/24 03:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	03/09/24 10:07	03/10/24 03:36	1
o-Terphenyl	86		70 - 130	03/09/24 10:07	03/10/24 03:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	127		5.04		mg/Kg			03/08/24 18:53	1

Client Sample ID: CS-34 (3')

Lab Sample ID: 880-40472-34

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 17:02	03/08/24 18:02	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/07/24 17:02	03/08/24 18:02	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/07/24 17:02	03/08/24 18:02	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		03/07/24 17:02	03/08/24 18:02	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/07/24 17:02	03/08/24 18:02	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/07/24 17:02	03/08/24 18:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	03/07/24 17:02	03/08/24 18:02	1
1,4-Difluorobenzene (Surr)	69	S1-	70 - 130	03/07/24 17:02	03/08/24 18:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-34 (3')

Lab Sample ID: 880-40472-34

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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			03/08/24 18:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			03/10/24 03:57	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	<50.2	U	50.2		mg/Kg		03/09/24 10:07	03/10/24 03:57	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		03/09/24 10:07	03/10/24 03:57	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		03/09/24 10:07	03/10/24 03:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				03/09/24 10:07	03/10/24 03:57	1
o-Terphenyl	93		70 - 130				03/09/24 10:07	03/10/24 03:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	101		4.98		mg/Kg			03/08/24 18:57	1

Client Sample ID: CS-35 (3')

Lab Sample ID: 880-40472-35

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 17:02	03/08/24 18:22	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/07/24 17:02	03/08/24 18:22	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/07/24 17:02	03/08/24 18:22	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/07/24 17:02	03/08/24 18:22	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/07/24 17:02	03/08/24 18:22	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/07/24 17:02	03/08/24 18:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				03/07/24 17:02	03/08/24 18:22	1
1,4-Difluorobenzene (Surr)	86		70 - 130				03/07/24 17:02	03/08/24 18:22	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			03/08/24 18:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			03/10/24 04:18	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	<50.1	U	50.1		mg/Kg		03/09/24 10:07	03/10/24 04:18	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		03/09/24 10:07	03/10/24 04:18	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-35 (3')

Lab Sample ID: 880-40472-35

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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)	<50.1	U	50.1		mg/Kg		03/09/24 10:07	03/10/24 04:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				03/09/24 10:07	03/10/24 04:18	1
o-Terphenyl	90		70 - 130				03/09/24 10:07	03/10/24 04:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	95.9		4.99		mg/Kg			03/08/24 19:02	1

Client Sample ID: CS-36 (3')

Lab Sample ID: 880-40472-36

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 17:02	03/08/24 18:43	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/07/24 17:02	03/08/24 18:43	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/07/24 17:02	03/08/24 18:43	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/07/24 17:02	03/08/24 18:43	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/07/24 17:02	03/08/24 18:43	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/07/24 17:02	03/08/24 18:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130				03/07/24 17:02	03/08/24 18:43	1
1,4-Difluorobenzene (Surr)	88		70 - 130				03/07/24 17:02	03/08/24 18:43	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			03/08/24 18:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	60.3		50.4		mg/Kg			03/10/24 04:39	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	<50.4	U	50.4		mg/Kg		03/09/24 10:07	03/10/24 04:39	1
Diesel Range Organics (Over C10-C28)	60.3		50.4		mg/Kg		03/09/24 10:07	03/10/24 04:39	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		03/09/24 10:07	03/10/24 04:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				03/09/24 10:07	03/10/24 04:39	1
o-Terphenyl	99		70 - 130				03/09/24 10:07	03/10/24 04:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	98.4		5.02		mg/Kg			03/08/24 19:06	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: SW-1 (1.5')

Lab Sample ID: 880-40472-37

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 17:02	03/08/24 19:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/07/24 17:02	03/08/24 19:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/07/24 17:02	03/08/24 19:03	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/07/24 17:02	03/08/24 19:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/07/24 17:02	03/08/24 19:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/07/24 17:02	03/08/24 19:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	03/07/24 17:02	03/08/24 19:03	1
1,4-Difluorobenzene (Surr)	88		70 - 130	03/07/24 17:02	03/08/24 19:03	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			03/08/24 19:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			03/10/24 05:00	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	<50.5	U	50.5		mg/Kg		03/09/24 10:07	03/10/24 05:00	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		03/09/24 10:07	03/10/24 05:00	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		03/09/24 10:07	03/10/24 05:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	03/09/24 10:07	03/10/24 05:00	1
o-Terphenyl	100		70 - 130	03/09/24 10:07	03/10/24 05:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	90.7		5.05		mg/Kg			03/08/24 19:11	1

Client Sample ID: SW-2 (1.5')

Lab Sample ID: 880-40472-38

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 17:02	03/08/24 19:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/07/24 17:02	03/08/24 19:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/07/24 17:02	03/08/24 19:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/07/24 17:02	03/08/24 19:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/07/24 17:02	03/08/24 19:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/07/24 17:02	03/08/24 19:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	03/07/24 17:02	03/08/24 19:24	1
1,4-Difluorobenzene (Surr)	92		70 - 130	03/07/24 17:02	03/08/24 19:24	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: SW-2 (1.5')

Lab Sample ID: 880-40472-38

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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			03/08/24 19:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			03/10/24 05:20	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	<50.4	U	50.4		mg/Kg		03/09/24 10:07	03/10/24 05:20	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		03/09/24 10:07	03/10/24 05:20	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		03/09/24 10:07	03/10/24 05:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				03/09/24 10:07	03/10/24 05:20	1
o-Terphenyl	99		70 - 130				03/09/24 10:07	03/10/24 05:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	106		5.04		mg/Kg			03/08/24 19:15	1

Client Sample ID: SW-3 (1.5')

Lab Sample ID: 880-40472-39

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 17:02	03/08/24 19:44	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/07/24 17:02	03/08/24 19:44	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/07/24 17:02	03/08/24 19:44	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/07/24 17:02	03/08/24 19:44	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/07/24 17:02	03/08/24 19:44	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/07/24 17:02	03/08/24 19:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				03/07/24 17:02	03/08/24 19:44	1
1,4-Difluorobenzene (Surr)	85		70 - 130				03/07/24 17:02	03/08/24 19:44	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			03/08/24 19:44	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			03/10/24 05:41	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	<49.7	U	49.7		mg/Kg		03/09/24 10:07	03/10/24 05:41	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		03/09/24 10:07	03/10/24 05:41	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: SW-3 (1.5')

Lab Sample ID: 880-40472-39

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/09/24 10:07	03/10/24 05:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				03/09/24 10:07	03/10/24 05:41	1
o-Terphenyl	102		70 - 130				03/09/24 10:07	03/10/24 05:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	125		4.98		mg/Kg			03/08/24 19:51	1

Client Sample ID: SW-4 (3')

Lab Sample ID: 880-40472-40

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 17:02	03/08/24 20:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/07/24 17:02	03/08/24 20:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/07/24 17:02	03/08/24 20:05	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/07/24 17:02	03/08/24 20:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/07/24 17:02	03/08/24 20:05	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/07/24 17:02	03/08/24 20:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				03/07/24 17:02	03/08/24 20:05	1
1,4-Difluorobenzene (Surr)	87		70 - 130				03/07/24 17:02	03/08/24 20:05	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			03/08/24 20:05	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			03/10/24 06:02	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	<49.8	U	49.8		mg/Kg		03/09/24 10:07	03/10/24 06:02	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/09/24 10:07	03/10/24 06:02	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/09/24 10:07	03/10/24 06:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				03/09/24 10:07	03/10/24 06:02	1
o-Terphenyl	83		70 - 130				03/09/24 10:07	03/10/24 06:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	114		5.04		mg/Kg			03/08/24 20:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: SW-5 (4.5')

Lab Sample ID: 880-40472-41

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 17:04	03/08/24 11:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/07/24 17:04	03/08/24 11:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/07/24 17:04	03/08/24 11:16	1
m-Xylene & p-Xylene	<0.00398	U *	0.00398		mg/Kg		03/07/24 17:04	03/08/24 11:16	1
o-Xylene	<0.00199	U *	0.00199		mg/Kg		03/07/24 17:04	03/08/24 11:16	1
Xylenes, Total	<0.00398	U *	0.00398		mg/Kg		03/07/24 17:04	03/08/24 11:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	03/07/24 17:04	03/08/24 11:16	1
1,4-Difluorobenzene (Surr)	97		70 - 130	03/07/24 17:04	03/08/24 11:16	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			03/08/24 11:16	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			03/10/24 21:45	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		03/09/24 11:48	03/10/24 21:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/09/24 11:48	03/10/24 21:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/09/24 11:48	03/10/24 21:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	144	S1+	70 - 130	03/09/24 11:48	03/10/24 21:45	1
o-Terphenyl	133	S1+	70 - 130	03/09/24 11:48	03/10/24 21:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	98.9		5.02		mg/Kg			03/08/24 20:09	1

Client Sample ID: SW-6 (4.5')

Lab Sample ID: 880-40472-42

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 17:04	03/08/24 12:59	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/07/24 17:04	03/08/24 12:59	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/07/24 17:04	03/08/24 12:59	1
m-Xylene & p-Xylene	<0.00402	U *	0.00402		mg/Kg		03/07/24 17:04	03/08/24 12:59	1
o-Xylene	<0.00201	U *	0.00201		mg/Kg		03/07/24 17:04	03/08/24 12:59	1
Xylenes, Total	<0.00402	U *	0.00402		mg/Kg		03/07/24 17:04	03/08/24 12:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130	03/07/24 17:04	03/08/24 12:59	1
1,4-Difluorobenzene (Surr)	90		70 - 130	03/07/24 17:04	03/08/24 12:59	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: SW-6 (4.5')

Lab Sample ID: 880-40472-42

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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			03/08/24 12:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			03/10/24 22:50	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	<50.5	U	50.5		mg/Kg		03/09/24 11:48	03/10/24 22:50	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		03/09/24 11:48	03/10/24 22:50	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		03/09/24 11:48	03/10/24 22:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130				03/09/24 11:48	03/10/24 22:50	1
o-Terphenyl	125		70 - 130				03/09/24 11:48	03/10/24 22:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.3		5.03		mg/Kg			03/08/24 20:13	1

Client Sample ID: SW-7 (4.5')

Lab Sample ID: 880-40472-43

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 17:04	03/08/24 13:20	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/07/24 17:04	03/08/24 13:20	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/07/24 17:04	03/08/24 13:20	1
m-Xylene & p-Xylene	<0.00403	U **	0.00403		mg/Kg		03/07/24 17:04	03/08/24 13:20	1
o-Xylene	<0.00202	U **	0.00202		mg/Kg		03/07/24 17:04	03/08/24 13:20	1
Xylenes, Total	<0.00403	U **	0.00403		mg/Kg		03/07/24 17:04	03/08/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				03/07/24 17:04	03/08/24 13:20	1
1,4-Difluorobenzene (Surr)	97		70 - 130				03/07/24 17:04	03/08/24 13:20	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			03/08/24 13:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			03/10/24 23:11	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		03/09/24 11:48	03/10/24 23:11	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		03/09/24 11:48	03/10/24 23:11	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: SW-7 (4.5')

Lab Sample ID: 880-40472-43

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/09/24 11:48	03/10/24 23:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	144	S1+	70 - 130				03/09/24 11:48	03/10/24 23:11	1
o-Terphenyl	133	S1+	70 - 130				03/09/24 11:48	03/10/24 23:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	144		4.99		mg/Kg			03/08/24 20:17	1

Client Sample ID: SW-8 (4.5')

Lab Sample ID: 880-40472-44

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 17:04	03/08/24 13:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/07/24 17:04	03/08/24 13:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/07/24 17:04	03/08/24 13:41	1
m-Xylene & p-Xylene	<0.00398	U **	0.00398		mg/Kg		03/07/24 17:04	03/08/24 13:41	1
o-Xylene	<0.00199	U **	0.00199		mg/Kg		03/07/24 17:04	03/08/24 13:41	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		03/07/24 17:04	03/08/24 13:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				03/07/24 17:04	03/08/24 13:41	1
1,4-Difluorobenzene (Surr)	98		70 - 130				03/07/24 17:04	03/08/24 13:41	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			03/08/24 13:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/10/24 23:32	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	<49.9	U	49.9		mg/Kg		03/09/24 11:48	03/10/24 23:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/09/24 11:48	03/10/24 23:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/09/24 11:48	03/10/24 23:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130				03/09/24 11:48	03/10/24 23:32	1
o-Terphenyl	123		70 - 130				03/09/24 11:48	03/10/24 23:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	95.0		4.96		mg/Kg			03/08/24 20:31	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: SW-9 (4.5')

Lab Sample ID: 880-40472-45

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 17:04	03/08/24 14:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/07/24 17:04	03/08/24 14:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/07/24 17:04	03/08/24 14:01	1
m-Xylene & p-Xylene	<0.00399	U *	0.00399		mg/Kg		03/07/24 17:04	03/08/24 14:01	1
o-Xylene	<0.00200	U *	0.00200		mg/Kg		03/07/24 17:04	03/08/24 14:01	1
Xylenes, Total	<0.00399	U *	0.00399		mg/Kg		03/07/24 17:04	03/08/24 14:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	03/07/24 17:04	03/08/24 14:01	1
1,4-Difluorobenzene (Surr)	99		70 - 130	03/07/24 17:04	03/08/24 14:01	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			03/08/24 14:01	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			03/10/24 23:52	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	<50.0	U	50.0		mg/Kg		03/09/24 11:48	03/10/24 23:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/09/24 11:48	03/10/24 23:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/09/24 11:48	03/10/24 23:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	136	S1+	70 - 130	03/09/24 11:48	03/10/24 23:52	1
o-Terphenyl	130		70 - 130	03/09/24 11:48	03/10/24 23:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	108		4.97		mg/Kg			03/08/24 20:35	1

Client Sample ID: SW-10 (4.5')

Lab Sample ID: 880-40472-46

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 17:04	03/08/24 14:22	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/07/24 17:04	03/08/24 14:22	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/07/24 17:04	03/08/24 14:22	1
m-Xylene & p-Xylene	<0.00396	U *	0.00396		mg/Kg		03/07/24 17:04	03/08/24 14:22	1
o-Xylene	<0.00198	U *	0.00198		mg/Kg		03/07/24 17:04	03/08/24 14:22	1
Xylenes, Total	<0.00396	U *	0.00396		mg/Kg		03/07/24 17:04	03/08/24 14:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	03/07/24 17:04	03/08/24 14:22	1
1,4-Difluorobenzene (Surr)	102		70 - 130	03/07/24 17:04	03/08/24 14:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: SW-10 (4.5')

Lab Sample ID: 880-40472-46

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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			03/08/24 14:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/11/24 00:14	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		03/09/24 11:48	03/11/24 00:14	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/09/24 11:48	03/11/24 00:14	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/09/24 11:48	03/11/24 00:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	142	S1+	70 - 130				03/09/24 11:48	03/11/24 00:14	1
o-Terphenyl	133	S1+	70 - 130				03/09/24 11:48	03/11/24 00:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	107		4.97		mg/Kg			03/08/24 20:40	1

Client Sample ID: SW-11 (4.5')

Lab Sample ID: 880-40472-47

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 17:04	03/08/24 16:32	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/07/24 17:04	03/08/24 16:32	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/07/24 17:04	03/08/24 16:32	1
m-Xylene & p-Xylene	<0.00402	U **	0.00402		mg/Kg		03/07/24 17:04	03/08/24 16:32	1
o-Xylene	<0.00201	U **	0.00201		mg/Kg		03/07/24 17:04	03/08/24 16:32	1
Xylenes, Total	<0.00402	U **	0.00402		mg/Kg		03/07/24 17:04	03/08/24 16:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				03/07/24 17:04	03/08/24 16:32	1
1,4-Difluorobenzene (Surr)	94		70 - 130				03/07/24 17:04	03/08/24 16:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/08/24 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	<49.6	U	49.6		mg/Kg			03/11/24 00:34	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	<49.6	U	49.6		mg/Kg		03/09/24 11:48	03/11/24 00:34	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		03/09/24 11:48	03/11/24 00:34	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: SW-11 (4.5')

Lab Sample ID: 880-40472-47

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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)	<49.6	U	49.6		mg/Kg		03/09/24 11:48	03/11/24 00:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	137	S1+	70 - 130				03/09/24 11:48	03/11/24 00:34	1
o-Terphenyl	128		70 - 130				03/09/24 11:48	03/11/24 00:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	98.7		4.97		mg/Kg			03/08/24 20:44	1

Client Sample ID: SW-12 (4.5')

Lab Sample ID: 880-40472-48

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 17:04	03/08/24 16:53	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/07/24 17:04	03/08/24 16:53	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/07/24 17:04	03/08/24 16:53	1
m-Xylene & p-Xylene	<0.00404	U **	0.00404		mg/Kg		03/07/24 17:04	03/08/24 16:53	1
o-Xylene	<0.00202	U **	0.00202		mg/Kg		03/07/24 17:04	03/08/24 16:53	1
Xylenes, Total	<0.00404	U **	0.00404		mg/Kg		03/07/24 17:04	03/08/24 16:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				03/07/24 17:04	03/08/24 16:53	1
1,4-Difluorobenzene (Surr)	98		70 - 130				03/07/24 17:04	03/08/24 16:53	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			03/08/24 16:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			03/11/24 00:55	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	<50.1	U	50.1		mg/Kg		03/09/24 11:48	03/11/24 00:55	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		03/09/24 11:48	03/11/24 00:55	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		03/09/24 11:48	03/11/24 00:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	286	S1+	70 - 130				03/09/24 11:48	03/11/24 00:55	1
o-Terphenyl	266	S1+	70 - 130				03/09/24 11:48	03/11/24 00:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.8		5.02		mg/Kg			03/08/24 20:49	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: SW-13 (4.5')

Lab Sample ID: 880-40472-49

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 17:04	03/08/24 17:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/07/24 17:04	03/08/24 17:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/07/24 17:04	03/08/24 17:14	1
m-Xylene & p-Xylene	<0.00399	U *	0.00399		mg/Kg		03/07/24 17:04	03/08/24 17:14	1
o-Xylene	<0.00200	U *	0.00200		mg/Kg		03/07/24 17:04	03/08/24 17:14	1
Xylenes, Total	<0.00399	U *	0.00399		mg/Kg		03/07/24 17:04	03/08/24 17:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	03/07/24 17:04	03/08/24 17:14	1
1,4-Difluorobenzene (Surr)	98		70 - 130	03/07/24 17:04	03/08/24 17:14	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			03/08/24 17:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			03/11/24 01:16	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	<50.4	U	50.4		mg/Kg		03/09/24 11:48	03/11/24 01:16	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		03/09/24 11:48	03/11/24 01:16	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		03/09/24 11:48	03/11/24 01:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	143	S1+	70 - 130	03/09/24 11:48	03/11/24 01:16	1
o-Terphenyl	133	S1+	70 - 130	03/09/24 11:48	03/11/24 01:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	109		5.01		mg/Kg			03/08/24 20:53	1

Client Sample ID: SW-14 (1.5')

Lab Sample ID: 880-40472-50

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 17:04	03/08/24 17:34	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/07/24 17:04	03/08/24 17:34	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/07/24 17:04	03/08/24 17:34	1
m-Xylene & p-Xylene	<0.00396	U *	0.00396		mg/Kg		03/07/24 17:04	03/08/24 17:34	1
o-Xylene	<0.00198	U *	0.00198		mg/Kg		03/07/24 17:04	03/08/24 17:34	1
Xylenes, Total	<0.00396	U *	0.00396		mg/Kg		03/07/24 17:04	03/08/24 17:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	03/07/24 17:04	03/08/24 17:34	1
1,4-Difluorobenzene (Surr)	98		70 - 130	03/07/24 17:04	03/08/24 17:34	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: SW-14 (1.5')

Lab Sample ID: 880-40472-50

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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			03/08/24 17:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			03/11/24 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	<50.3	U	50.3		mg/Kg		03/09/24 11:48	03/11/24 01:36	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		03/09/24 11:48	03/11/24 01:36	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		03/09/24 11:48	03/11/24 01:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	135	S1+	70 - 130				03/09/24 11:48	03/11/24 01:36	1
o-Terphenyl	123		70 - 130				03/09/24 11:48	03/11/24 01:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	84.6		5.03		mg/Kg			03/08/24 21:06	1

Client Sample ID: SW-15 (3')

Lab Sample ID: 880-40472-51

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 17:04	03/08/24 17:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/07/24 17:04	03/08/24 17:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/07/24 17:04	03/08/24 17:55	1
m-Xylene & p-Xylene	<0.00400	U **	0.00400		mg/Kg		03/07/24 17:04	03/08/24 17:55	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		03/07/24 17:04	03/08/24 17:55	1
Xylenes, Total	<0.00400	U **	0.00400		mg/Kg		03/07/24 17:04	03/08/24 17:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				03/07/24 17:04	03/08/24 17:55	1
1,4-Difluorobenzene (Surr)	100		70 - 130				03/07/24 17:04	03/08/24 17:55	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			03/08/24 17:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			03/11/24 02:18	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	<50.5	U	50.5		mg/Kg		03/09/24 11:48	03/11/24 02:18	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		03/09/24 11:48	03/11/24 02:18	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: SW-15 (3')

Lab Sample ID: 880-40472-51

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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)	<50.5	U	50.5		mg/Kg		03/09/24 11:48	03/11/24 02:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130				03/09/24 11:48	03/11/24 02:18	1
o-Terphenyl	122		70 - 130				03/09/24 11:48	03/11/24 02:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	85.7		4.97		mg/Kg			03/08/24 21:11	1

Client Sample ID: SW-16 (3')

Lab Sample ID: 880-40472-52

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 17:04	03/08/24 18:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/07/24 17:04	03/08/24 18:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/07/24 17:04	03/08/24 18:15	1
m-Xylene & p-Xylene	<0.00398	U **	0.00398		mg/Kg		03/07/24 17:04	03/08/24 18:15	1
o-Xylene	<0.00199	U **	0.00199		mg/Kg		03/07/24 17:04	03/08/24 18:15	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		03/07/24 17:04	03/08/24 18:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				03/07/24 17:04	03/08/24 18:15	1
1,4-Difluorobenzene (Surr)	98		70 - 130				03/07/24 17:04	03/08/24 18:15	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			03/08/24 18:15	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			03/11/24 02:39	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	<49.7	U	49.7		mg/Kg		03/09/24 11:48	03/11/24 02:39	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		03/09/24 11:48	03/11/24 02:39	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		03/09/24 11:48	03/11/24 02:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	136	S1+	70 - 130				03/09/24 11:48	03/11/24 02:39	1
o-Terphenyl	130		70 - 130				03/09/24 11:48	03/11/24 02:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	92.0		4.98		mg/Kg			03/08/24 21:24	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: SW-17 (3')

Lab Sample ID: 880-40472-53

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 17:04	03/08/24 18:36	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/07/24 17:04	03/08/24 18:36	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/07/24 17:04	03/08/24 18:36	1
m-Xylene & p-Xylene	<0.00402	U *	0.00402		mg/Kg		03/07/24 17:04	03/08/24 18:36	1
o-Xylene	<0.00201	U *	0.00201		mg/Kg		03/07/24 17:04	03/08/24 18:36	1
Xylenes, Total	<0.00402	U *	0.00402		mg/Kg		03/07/24 17:04	03/08/24 18:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	03/07/24 17:04	03/08/24 18:36	1
1,4-Difluorobenzene (Surr)	100		70 - 130	03/07/24 17:04	03/08/24 18:36	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			03/08/24 18:36	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			03/11/24 02:59	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		03/09/24 11:48	03/11/24 02:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/09/24 11:48	03/11/24 02:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/09/24 11:48	03/11/24 02:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130	03/09/24 11:48	03/11/24 02:59	1
o-Terphenyl	117		70 - 130	03/09/24 11:48	03/11/24 02:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	139		5.02		mg/Kg			03/08/24 21:28	1

Client Sample ID: SW-18 (3')

Lab Sample ID: 880-40472-54

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 17:04	03/08/24 18:57	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/07/24 17:04	03/08/24 18:57	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/07/24 17:04	03/08/24 18:57	1
m-Xylene & p-Xylene	<0.00403	U *	0.00403		mg/Kg		03/07/24 17:04	03/08/24 18:57	1
o-Xylene	<0.00202	U *	0.00202		mg/Kg		03/07/24 17:04	03/08/24 18:57	1
Xylenes, Total	<0.00403	U *	0.00403		mg/Kg		03/07/24 17:04	03/08/24 18:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	03/07/24 17:04	03/08/24 18:57	1
1,4-Difluorobenzene (Surr)	100		70 - 130	03/07/24 17:04	03/08/24 18:57	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: SW-18 (3')

Lab Sample ID: 880-40472-54

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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			03/08/24 18:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			03/11/24 03:21	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	<49.6	U	49.6		mg/Kg		03/09/24 11:48	03/11/24 03:21	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		03/09/24 11:48	03/11/24 03:21	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		03/09/24 11:48	03/11/24 03:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130				03/09/24 11:48	03/11/24 03:21	1
o-Terphenyl	118		70 - 130				03/09/24 11:48	03/11/24 03:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	109		5.00		mg/Kg			03/08/24 21:33	1

Client Sample ID: SW-19 (3')

Lab Sample ID: 880-40472-55

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 17:04	03/08/24 19:18	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/07/24 17:04	03/08/24 19:18	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/07/24 17:04	03/08/24 19:18	1
m-Xylene & p-Xylene	<0.00402	U **	0.00402		mg/Kg		03/07/24 17:04	03/08/24 19:18	1
o-Xylene	<0.00201	U **	0.00201		mg/Kg		03/07/24 17:04	03/08/24 19:18	1
Xylenes, Total	<0.00402	U **	0.00402		mg/Kg		03/07/24 17:04	03/08/24 19:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				03/07/24 17:04	03/08/24 19:18	1
1,4-Difluorobenzene (Surr)	103		70 - 130				03/07/24 17:04	03/08/24 19:18	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			03/08/24 19:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			03/11/24 03:41	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	<50.2	U	50.2		mg/Kg		03/09/24 11:48	03/11/24 03:41	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		03/09/24 11:48	03/11/24 03:41	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: SW-19 (3')

Lab Sample ID: 880-40472-55

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		03/09/24 11:48	03/11/24 03:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	144	S1+	70 - 130				03/09/24 11:48	03/11/24 03:41	1
o-Terphenyl	130		70 - 130				03/09/24 11:48	03/11/24 03:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102		4.99		mg/Kg			03/08/24 21:37	1

Client Sample ID: SW-20 (3')

Lab Sample ID: 880-40472-56

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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		03/07/24 17:04	03/08/24 19:38	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/07/24 17:04	03/08/24 19:38	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/07/24 17:04	03/08/24 19:38	1
m-Xylene & p-Xylene	<0.00402	U **	0.00402		mg/Kg		03/07/24 17:04	03/08/24 19:38	1
o-Xylene	<0.00201	U **	0.00201		mg/Kg		03/07/24 17:04	03/08/24 19:38	1
Xylenes, Total	<0.00402	U **	0.00402		mg/Kg		03/07/24 17:04	03/08/24 19:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				03/07/24 17:04	03/08/24 19:38	1
1,4-Difluorobenzene (Surr)	99		70 - 130				03/07/24 17:04	03/08/24 19:38	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			03/08/24 19:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			03/11/24 04:02	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	<50.4	U	50.4		mg/Kg		03/09/24 11:48	03/11/24 04:02	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		03/09/24 11:48	03/11/24 04:02	1
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		03/09/24 11:48	03/11/24 04:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130				03/09/24 11:48	03/11/24 04:02	1
o-Terphenyl	117		70 - 130				03/09/24 11:48	03/11/24 04:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	92.3		4.99		mg/Kg			03/08/24 21:42	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

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)
880-40472-1	CS-1 (1.5')	90	105
880-40472-1 MS	CS-1 (1.5')	40 S1-	127
880-40472-1 MSD	CS-1 (1.5')	100	101
880-40472-2	CS-2 (1.5')	102	113
880-40472-3	CS-3 (1.5')	111	111
880-40472-4	CS-4 (1.5')	103	117
880-40472-5	CS-5 (1.5')	113	113
880-40472-6	CS-6 (1.5')	100	109
880-40472-7	CS-7 (1.5')	107	109
880-40472-8	CS-8 (1.5')	103	114
880-40472-9	CS-9 (1.5')	113	111
880-40472-10	CS-10 (1.5')	116	110
880-40472-11	CS-11 (4.5')	88	102
880-40472-12	CS-12 (4.5')	110	112
880-40472-13	CS-13 (4.5')	115	114
880-40472-14	CS-14 (4.5')	106	114
880-40472-15	CS-15 (4.5')	132 S1+	117
880-40472-16	CS-16 (4.5')	117	106
880-40472-17	CS-17 (4.5')	116	111
880-40472-18	CS-18 (4.5')	123	106
880-40472-19	CS-19 (4.5')	116	98
880-40472-20	CS-20 (4.5')	125	104
880-40472-21	CS-21 (4.5')	89	84
880-40472-21 MS	CS-21 (4.5')	105	110
880-40472-21 MSD	CS-21 (4.5')	108	119
880-40472-22	CS-22 (4.5')	98	103
880-40472-22 MS	CS-22 (4.5')	109	104
880-40472-22 MSD	CS-22 (4.5')	117	97
880-40472-23	CS-23 (4.5')	105	107
880-40472-24	CS-24 (4.5')	117	113
880-40472-25	CS-25 (4.5')	110	103
880-40472-26	CS-26 (4.5')	114	113
880-40472-27	CS-27 (4.5')	79	91
880-40472-28	CS-28 (4.5')	84	91
880-40472-29	CS-29 (4.5')	88	77
880-40472-30	CS-30 (4.5')	80	89
880-40472-31	CS-31 (3')	73	79
880-40472-32	CS-32 (3')	94	84
880-40472-33	CS-33 (3')	80	85
880-40472-34	CS-34 (3')	84	69 S1-
880-40472-35	CS-35 (3')	87	86
880-40472-36	CS-36 (3')	80	88
880-40472-37	SW-1 (1.5')	79	88
880-40472-38	SW-2 (1.5')	110	92
880-40472-39	SW-3 (1.5')	85	85
880-40472-40	SW-4 (3')	86	87
880-40472-41	SW-5 (4.5')	95	97
880-40472-41 MS	SW-5 (4.5')	96	97
880-40472-41 MSD	SW-5 (4.5')	100	99

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Surrogate Summary

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-40472-42	SW-6 (4.5')	133 S1+	90
880-40472-43	SW-7 (4.5')	109	97
880-40472-44	SW-8 (4.5')	105	98
880-40472-45	SW-9 (4.5')	108	99
880-40472-46	SW-10 (4.5')	110	102
880-40472-47	SW-11 (4.5')	100	94
880-40472-48	SW-12 (4.5')	107	98
880-40472-49	SW-13 (4.5')	104	98
880-40472-50	SW-14 (1.5')	99	98
880-40472-51	SW-15 (3')	102	100
880-40472-52	SW-16 (3')	99	98
880-40472-53	SW-17 (3')	101	100
880-40472-54	SW-18 (3')	104	100
880-40472-55	SW-19 (3')	105	103
880-40472-56	SW-20 (3')	108	99
LCS 880-75034/1-A	Lab Control Sample	99	102
LCS 880-75035/1-A	Lab Control Sample	105	112
LCS 880-75036/1-A	Lab Control Sample	95	100
LCS 880-75053/1-A	Lab Control Sample	123	102
LCSD 880-75034/2-A	Lab Control Sample Dup	101	98
LCSD 880-75035/2-A	Lab Control Sample Dup	104	108
LCSD 880-75036/2-A	Lab Control Sample Dup	115	90
LCSD 880-75053/2-A	Lab Control Sample Dup	103	97
MB 880-75034/5-A	Method Blank	112	114
MB 880-75035/5-A	Method Blank	77	91
MB 880-75036/5-A	Method Blank	78	94
MB 880-75053/5-A	Method Blank	121	122

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)
880-40472-1	CS-1 (1.5')	126	112
880-40472-1 MS	CS-1 (1.5')	101	83
880-40472-1 MSD	CS-1 (1.5')	98	81
880-40472-2	CS-2 (1.5')	120	109
880-40472-3	CS-3 (1.5')	116	107
880-40472-4	CS-4 (1.5')	113	104
880-40472-5	CS-5 (1.5')	132 S1+	115
880-40472-6	CS-6 (1.5')	122	107
880-40472-7	CS-7 (1.5')	111	98
880-40472-8	CS-8 (1.5')	107	93
880-40472-9	CS-9 (1.5')	61 S1-	55 S1-
880-40472-10	CS-10 (1.5')	94	86
880-40472-11	CS-11 (4.5')	109	96

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Surrogate Summary

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

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)
880-40472-12	CS-12 (4.5')	99	86
880-40472-13	CS-13 (4.5')	47 S1-	42 S1-
880-40472-14	CS-14 (4.5')	55 S1-	48 S1-
880-40472-15	CS-15 (4.5')	102	91
880-40472-16	CS-16 (4.5')	111	98
880-40472-17	CS-17 (4.5')	115	102
880-40472-18	CS-18 (4.5')	102	89
880-40472-19	CS-19 (4.5')	58 S1-	51 S1-
880-40472-20	CS-20 (4.5')	77	67 S1-
880-40472-21	CS-21 (4.5')	161 S1+	147 S1+
880-40472-21 MS	CS-21 (4.5')	126	107
880-40472-21 MSD	CS-21 (4.5')	110	97
880-40472-22	CS-22 (4.5')	124	112
880-40472-23	CS-23 (4.5')	127	125
880-40472-24	CS-24 (4.5')	116	108
880-40472-25	CS-25 (4.5')	115	108
880-40472-26	CS-26 (4.5')	96	86
880-40472-27	CS-27 (4.5')	110	96
880-40472-28	CS-28 (4.5')	102	94
880-40472-29	CS-29 (4.5')	105	97
880-40472-30	CS-30 (4.5')	123	117
880-40472-31	CS-31 (3')	107	100
880-40472-32	CS-32 (3')	103	98
880-40472-33	CS-33 (3')	96	86
880-40472-34	CS-34 (3')	99	93
880-40472-35	CS-35 (3')	102	90
880-40472-36	CS-36 (3')	102	99
880-40472-37	SW-1 (1.5')	102	100
880-40472-38	SW-2 (1.5')	107	99
880-40472-39	SW-3 (1.5')	112	102
880-40472-40	SW-4 (3')	91	83
880-40472-41	SW-5 (4.5')	144 S1+	133 S1+
880-40472-41 MS	SW-5 (4.5')	148 S1+	126
880-40472-41 MSD	SW-5 (4.5')	133 S1+	113
880-40472-42	SW-6 (4.5')	134 S1+	125
880-40472-43	SW-7 (4.5')	144 S1+	133 S1+
880-40472-44	SW-8 (4.5')	134 S1+	123
880-40472-45	SW-9 (4.5')	136 S1+	130
880-40472-46	SW-10 (4.5')	142 S1+	133 S1+
880-40472-47	SW-11 (4.5')	137 S1+	128
880-40472-48	SW-12 (4.5')	286 S1+	266 S1+
880-40472-49	SW-13 (4.5')	143 S1+	133 S1+
880-40472-50	SW-14 (1.5')	135 S1+	123
880-40472-51	SW-15 (3')	133 S1+	122
880-40472-52	SW-16 (3')	136 S1+	130
880-40472-53	SW-17 (3')	130	117
880-40472-54	SW-18 (3')	134 S1+	118
880-40472-55	SW-19 (3')	144 S1+	130
880-40472-56	SW-20 (3')	130	117
LCS 880-75116/2-A	Lab Control Sample	89	77

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Surrogate Summary

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

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)
LCS 880-75147/2-A	Lab Control Sample	84	73
LCS 880-75154/2-A	Lab Control Sample	90	77
LCSD 880-75116/3-A	Lab Control Sample Dup	102	88
LCSD 880-75147/3-A	Lab Control Sample Dup	92	78
LCSD 880-75154/3-A	Lab Control Sample Dup	97	80
MB 880-75116/1-A	Method Blank	133 S1+	130
MB 880-75147/1-A	Method Blank	124	115
MB 880-75154/1-A	Method Blank	129	122
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-75034/5-A

Matrix: Solid

Analysis Batch: 75041

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 75034

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/07/24 16:59	03/08/24 13:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/07/24 16:59	03/08/24 13:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/07/24 16:59	03/08/24 13:48	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/07/24 16:59	03/08/24 13:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/07/24 16:59	03/08/24 13:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/07/24 16:59	03/08/24 13:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	03/07/24 16:59	03/08/24 13:48	1
1,4-Difluorobenzene (Surr)	114		70 - 130	03/07/24 16:59	03/08/24 13:48	1

Lab Sample ID: LCS 880-75034/1-A

Matrix: Solid

Analysis Batch: 75041

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 75034

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1042		mg/Kg		104	70 - 130
Toluene	0.100	0.09217		mg/Kg		92	70 - 130
Ethylbenzene	0.100	0.1044		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	0.200	0.2047		mg/Kg		102	70 - 130
o-Xylene	0.100	0.09772		mg/Kg		98	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-75034/2-A

Matrix: Solid

Analysis Batch: 75041

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 75034

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1115		mg/Kg		111	70 - 130	7	35
Toluene	0.100	0.1014		mg/Kg		101	70 - 130	10	35
Ethylbenzene	0.100	0.1110		mg/Kg		111	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.2245		mg/Kg		112	70 - 130	9	35
o-Xylene	0.100	0.1075		mg/Kg		107	70 - 130	10	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-40472-1 MS

Matrix: Solid

Analysis Batch: 75041

Client Sample ID: CS-1 (1.5')

Prep Type: Total/NA

Prep Batch: 75034

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.101	0.08280		mg/Kg		82	70 - 130
Toluene	<0.00199	U	0.101	0.08322		mg/Kg		83	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-40472-1 MS

Matrix: Solid

Analysis Batch: 75041

Client Sample ID: CS-1 (1.5')

Prep Type: Total/NA

Prep Batch: 75034

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00199	U	0.101	0.08713		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	<0.00398	U F1 F2	0.202	0.06977	F1	mg/Kg		35	70 - 130
o-Xylene	<0.00199	U F1 F2	0.101	0.05990	F1	mg/Kg		59	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	40	S1-	70 - 130
1,4-Difluorobenzene (Surr)	127		70 - 130

Lab Sample ID: 880-40472-1 MSD

Matrix: Solid

Analysis Batch: 75041

Client Sample ID: CS-1 (1.5')

Prep Type: Total/NA

Prep Batch: 75034

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.100	0.09377		mg/Kg		94	70 - 130	12	35
Toluene	<0.00199	U	0.100	0.08367		mg/Kg		84	70 - 130	1	35
Ethylbenzene	<0.00199	U	0.100	0.08309		mg/Kg		83	70 - 130	5	35
m-Xylene & p-Xylene	<0.00398	U F1 F2	0.200	0.1798	F2	mg/Kg		90	70 - 130	88	35
o-Xylene	<0.00199	U F1 F2	0.100	0.08790	F2	mg/Kg		88	70 - 130	38	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: MB 880-75035/5-A

Matrix: Solid

Analysis Batch: 75042

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 75035

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/07/24 17:02	03/08/24 10:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/07/24 17:02	03/08/24 10:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/07/24 17:02	03/08/24 10:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/07/24 17:02	03/08/24 10:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/07/24 17:02	03/08/24 10:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/07/24 17:02	03/08/24 10:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130	03/07/24 17:02	03/08/24 10:56	1
1,4-Difluorobenzene (Surr)	91		70 - 130	03/07/24 17:02	03/08/24 10:56	1

Lab Sample ID: LCS 880-75035/1-A

Matrix: Solid

Analysis Batch: 75042

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 75035

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09927		mg/Kg		99	70 - 130
Toluene	0.100	0.1133		mg/Kg		113	70 - 130
Ethylbenzene	0.100	0.1168		mg/Kg		117	70 - 130
m-Xylene & p-Xylene	0.200	0.2395		mg/Kg		120	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-75035/1-A

Matrix: Solid

Analysis Batch: 75042

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 75035

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1181		mg/Kg		118	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: LCSD 880-75035/2-A

Matrix: Solid

Analysis Batch: 75042

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 75035

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09007		mg/Kg		90	70 - 130	10	35
Toluene	0.100	0.1035		mg/Kg		103	70 - 130	9	35
Ethylbenzene	0.100	0.1071		mg/Kg		107	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.2166		mg/Kg		108	70 - 130	10	35
o-Xylene	0.100	0.1076		mg/Kg		108	70 - 130	9	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 880-40472-21 MS

Matrix: Solid

Analysis Batch: 75042

Client Sample ID: CS-21 (4.5')

Prep Type: Total/NA

Prep Batch: 75035

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.101	0.08492		mg/Kg		83	70 - 130
Toluene	<0.00199	U	0.101	0.09640		mg/Kg		96	70 - 130
Ethylbenzene	<0.00199	U	0.101	0.1009		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.202	0.2002		mg/Kg		99	70 - 130
o-Xylene	<0.00199	U	0.101	0.09879		mg/Kg		98	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 880-40472-21 MSD

Matrix: Solid

Analysis Batch: 75042

Client Sample ID: CS-21 (4.5')

Prep Type: Total/NA

Prep Batch: 75035

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00199	U	0.100	0.09456		mg/Kg		94	70 - 130	11	35
Toluene	<0.00199	U	0.100	0.1056		mg/Kg		106	70 - 130	9	35
Ethylbenzene	<0.00199	U	0.100	0.1100		mg/Kg		110	70 - 130	9	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.2217		mg/Kg		110	70 - 130	10	35
o-Xylene	<0.00199	U	0.100	0.1095		mg/Kg		110	70 - 130	10	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-40472-21 MSD

Matrix: Solid

Analysis Batch: 75042

Client Sample ID: CS-21 (4.5')

Prep Type: Total/NA

Prep Batch: 75035

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	119		70 - 130

Lab Sample ID: MB 880-75036/5-A

Matrix: Solid

Analysis Batch: 75043

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 75036

Analyte	MB	MB							
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/07/24 17:04	03/08/24 10:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/07/24 17:04	03/08/24 10:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/07/24 17:04	03/08/24 10:54	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/07/24 17:04	03/08/24 10:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/07/24 17:04	03/08/24 10:54	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/07/24 17:04	03/08/24 10:54	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130				03/07/24 17:04	03/08/24 10:54	1
1,4-Difluorobenzene (Surr)	94		70 - 130				03/07/24 17:04	03/08/24 10:54	1

Lab Sample ID: LCS 880-75036/1-A

Matrix: Solid

Analysis Batch: 75043

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 75036

Analyte	Spike	LCS	LCS						
	Added	Result	Qualifier	Unit	D	%Rec	%Rec	Limits	
Benzene	0.100	0.1411	*+	mg/Kg		141		70 - 130	
Toluene	0.100	0.1187		mg/Kg		119		70 - 130	
Ethylbenzene	0.100	0.1176		mg/Kg		118		70 - 130	
m-Xylene & p-Xylene	0.200	0.2348		mg/Kg		117		70 - 130	
o-Xylene	0.100	0.1165		mg/Kg		116		70 - 130	

	LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	95		70 - 130						
1,4-Difluorobenzene (Surr)	100		70 - 130						

Lab Sample ID: LCSD 880-75036/2-A

Matrix: Solid

Analysis Batch: 75043

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 75036

Analyte	Spike	LCSD	LCSD							
	Added	Result	Qualifier	Unit	D	%Rec	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1090		mg/Kg		109		70 - 130	26	35
Toluene	0.100	0.1175		mg/Kg		118		70 - 130	1	35
Ethylbenzene	0.100	0.1278		mg/Kg		128		70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.2697	*+	mg/Kg		135		70 - 130	14	35
o-Xylene	0.100	0.1336	*+	mg/Kg		134		70 - 130	14	35

	LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	115		70 - 130							

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QC Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-75036/2-A

Matrix: Solid

Analysis Batch: 75043

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 75036

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: 880-40472-41 MS

Matrix: Solid

Analysis Batch: 75043

Client Sample ID: SW-5 (4.5')

Prep Type: Total/NA

Prep Batch: 75036

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U *	0.101	0.1007		mg/Kg		100	70 - 130
Toluene	<0.00199	U	0.101	0.08615		mg/Kg		85	70 - 130
Ethylbenzene	<0.00199	U	0.101	0.08305		mg/Kg		82	70 - 130
m-Xylene & p-Xylene	<0.00398	U *	0.202	0.1659		mg/Kg		82	70 - 130
o-Xylene	<0.00199	U *	0.101	0.08325		mg/Kg		83	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-40472-41 MSD

Matrix: Solid

Analysis Batch: 75043

Client Sample ID: SW-5 (4.5')

Prep Type: Total/NA

Prep Batch: 75036

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U *	0.100	0.1243		mg/Kg		124	70 - 130	21	35
Toluene	<0.00199	U	0.100	0.1056		mg/Kg		106	70 - 130	20	35
Ethylbenzene	<0.00199	U	0.100	0.1015		mg/Kg		101	70 - 130	20	35
m-Xylene & p-Xylene	<0.00398	U *	0.200	0.2012		mg/Kg		101	70 - 130	19	35
o-Xylene	<0.00199	U *	0.100	0.09958		mg/Kg		100	70 - 130	18	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-75053/5-A

Matrix: Solid

Analysis Batch: 75041

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 75053

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/08/24 09:41	03/09/24 01:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/08/24 09:41	03/09/24 01:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/08/24 09:41	03/09/24 01:58	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/08/24 09:41	03/09/24 01:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/08/24 09:41	03/09/24 01:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/08/24 09:41	03/09/24 01:58	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	121		70 - 130	03/08/24 09:41	03/09/24 01:58	1			
1,4-Difluorobenzene (Surr)	122		70 - 130	03/08/24 09:41	03/09/24 01:58	1			

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QC Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-75053/1-A

Matrix: Solid

Analysis Batch: 75041

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 75053

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1223		mg/Kg		122	70 - 130
Toluene	0.100	0.1096		mg/Kg		110	70 - 130
Ethylbenzene	0.100	0.1281		mg/Kg		128	70 - 130
m-Xylene & p-Xylene	0.200	0.2711	*+	mg/Kg		136	70 - 130
o-Xylene	0.100	0.1310	*+	mg/Kg		131	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	123		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-75053/2-A

Matrix: Solid

Analysis Batch: 75041

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 75053

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1267		mg/Kg		127	70 - 130	4	35
Toluene	0.100	0.1071		mg/Kg		107	70 - 130	2	35
Ethylbenzene	0.100	0.1179		mg/Kg		118	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.2013		mg/Kg		101	70 - 130	30	35
o-Xylene	0.100	0.1119		mg/Kg		112	70 - 130	16	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-40472-22 MS

Matrix: Solid

Analysis Batch: 75041

Client Sample ID: CS-22 (4.5')

Prep Type: Total/NA

Prep Batch: 75053

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.0996	0.1083		mg/Kg		109	70 - 130
Toluene	<0.00198	U	0.0996	0.09006		mg/Kg		90	70 - 130
Ethylbenzene	<0.00198	U	0.0996	0.09252		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	<0.00396	U *+	0.199	0.1899		mg/Kg		95	70 - 130
o-Xylene	<0.00198	U *+	0.0996	0.09326		mg/Kg		94	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-40472-22 MSD

Matrix: Solid

Analysis Batch: 75041

Client Sample ID: CS-22 (4.5')

Prep Type: Total/NA

Prep Batch: 75053

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.101	0.1085		mg/Kg		108	70 - 130	0	35
Toluene	<0.00198	U	0.101	0.09518		mg/Kg		94	70 - 130	6	35
Ethylbenzene	<0.00198	U	0.101	0.1058		mg/Kg		105	70 - 130	13	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-40472-22 MSD

Matrix: Solid

Analysis Batch: 75041

Client Sample ID: CS-22 (4.5')

Prep Type: Total/NA

Prep Batch: 75053

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00396	U *+	0.202	0.2150		mg/Kg		107	70 - 130	12	35
o-Xylene	<0.00198	U *+	0.101	0.1021		mg/Kg		101	70 - 130	9	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	117		70 - 130								
1,4-Difluorobenzene (Surr)	97		70 - 130								

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

Lab Sample ID: MB 880-75116/1-A

Matrix: Solid

Analysis Batch: 75049

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 75116

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		03/08/24 16:29	03/08/24 19:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/08/24 16:29	03/08/24 19:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/08/24 16:29	03/08/24 19:05	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130				03/08/24 16:29	03/08/24 19:05	1
o-Terphenyl	130		70 - 130				03/08/24 16:29	03/08/24 19:05	1

Lab Sample ID: LCS 880-75116/2-A

Matrix: Solid

Analysis Batch: 75049

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 75116

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	1211		mg/Kg		121	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1099		mg/Kg		110	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	89		70 - 130						
o-Terphenyl	77		70 - 130						

Lab Sample ID: LCSD 880-75116/3-A

Matrix: Solid

Analysis Batch: 75049

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 75116

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	912.6	*1	mg/Kg		91	70 - 130	28	20
Diesel Range Organics (Over C10-C28)	1000	1262		mg/Kg		126	70 - 130	14	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-75116/3-A

Matrix: Solid

Analysis Batch: 75049

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 75116

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	102		70 - 130
o-Terphenyl	88		70 - 130

Lab Sample ID: 880-40472-1 MS

Matrix: Solid

Analysis Batch: 75049

Client Sample ID: CS-1 (1.5')

Prep Type: Total/NA

Prep Batch: 75116

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.7	U F2 *1	1010	914.0		mg/Kg		86	70 - 130
Diesel Range Organics (Over C10-C28)	<49.7	U	1010	1042		mg/Kg		101	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	101		70 - 130						
o-Terphenyl	83		70 - 130						

Lab Sample ID: 880-40472-1 MSD

Matrix: Solid

Analysis Batch: 75049

Client Sample ID: CS-1 (1.5')

Prep Type: Total/NA

Prep Batch: 75116

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	<49.7	U F2 *1	1010	1271	F2	mg/Kg		122	70 - 130	33	20
Diesel Range Organics (Over C10-C28)	<49.7	U	1010	1009		mg/Kg		98	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	98		70 - 130								
o-Terphenyl	81		70 - 130								

Lab Sample ID: MB 880-75147/1-A

Matrix: Solid

Analysis Batch: 75142

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 75147

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		03/09/24 10:07	03/09/24 20:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/09/24 10:07	03/09/24 20:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/09/24 10:07	03/09/24 20:14	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130				03/09/24 10:07	03/09/24 20:14	1
o-Terphenyl	115		70 - 130				03/09/24 10:07	03/09/24 20:14	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-75147/2-A

Matrix: Solid

Analysis Batch: 75142

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 75147

Analyte			Spike	LCS	LCS				%Rec		
			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1204		mg/Kg		120	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1043		mg/Kg		104	70 - 130		

Lab Sample ID: LCSD 880-75147/3-A

Matrix: Solid

Analysis Batch: 75142

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 75147

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1266		mg/Kg		127	70 - 130	5	20
Diesel Range Organics (Over C10-C28)			1000	1120		mg/Kg		112	70 - 130	7	20
			LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	78		70 - 130								

Lab Sample ID: 880-40472-21 MS

Matrix: Solid

Analysis Batch: 75142

Client Sample ID: CS-21 (4.5')

Prep Type: Total/NA

Prep Batch: 75147

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	991	1056		mg/Kg		103	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U F1	991	1355	F1	mg/Kg		134	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	126		70 - 130								
o-Terphenyl	107		70 - 130								

Lab Sample ID: 880-40472-21 MSD

Matrix: Solid

Analysis Batch: 75142

Client Sample ID: CS-21 (4.5')

Prep Type: Total/NA

Prep Batch: 75147

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	<49.9	U	998	1082		mg/Kg	-	105	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	998	1235		mg/Kg		121	70 - 130	9	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	110		70 - 130								

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-40472-21 MSD

Matrix: Solid

Analysis Batch: 75142

Client Sample ID: CS-21 (4.5')

Prep Type: Total/NA

Prep Batch: 75147

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	97		70 - 130

Lab Sample ID: MB 880-75154/1-A

Matrix: Solid

Analysis Batch: 75169

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 75154

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		03/09/24 11:48	03/10/24 20:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/09/24 11:48	03/10/24 20:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/09/24 11:48	03/10/24 20:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130				03/09/24 11:48	03/10/24 20:39	1
<i>o</i> -Terphenyl	122		70 - 130				03/09/24 11:48	03/10/24 20:39	1

Lab Sample ID: LCS 880-75154/2-A

Matrix: Solid

Analysis Batch: 75169

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 75154

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	835.3		mg/Kg		84	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1116		mg/Kg		112	70 - 130		
Surrogate		LCS %Recovery	LCS Qualifier	Limits					
1-Chlorooctane		90		70 - 130					
<i>o</i> -Terphenyl		77		70 - 130					

Lab Sample ID: LCSD 880-75154/3-A

Matrix: Solid

Analysis Batch: 75169

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 75154

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	864.6		mg/Kg		86	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	1175		mg/Kg		117	70 - 130	5	20
Surrogate		LCSD %Recovery	LCSD Qualifier	Limits					
1-Chlorooctane		97		70 - 130					
<i>o</i> -Terphenyl		80		70 - 130					

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-40472-41 MS

Matrix: Solid

Analysis Batch: 75169

Client Sample ID: SW-5 (4.5')

Prep Type: Total/NA

Prep Batch: 75154

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	1010	1017		mg/Kg		96	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	1010	1273		mg/Kg		123	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	148	S1+	70 - 130						
o-Terphenyl	126		70 - 130						

Lab Sample ID: 880-40472-41 MSD

Matrix: Solid

Analysis Batch: 75169

Client Sample ID: SW-5 (4.5')

Prep Type: Total/NA

Prep Batch: 75154

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	1010	958.6		mg/Kg		90	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1010	1148		mg/Kg		110	70 - 130	10	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	133	S1+	70 - 130								
o-Terphenyl	113		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-75031/1-A

Matrix: Solid

Analysis Batch: 75059

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			03/08/24 14:26	1

Lab Sample ID: LCS 880-75031/2-A

Matrix: Solid

Analysis Batch: 75059

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	246.0		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-75031/3-A

Matrix: Solid

Analysis Batch: 75059

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	266.7		mg/Kg		107	90 - 110	8	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-40472-9 MS

Matrix: Solid

Analysis Batch: 75059

Client Sample ID: CS-9 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	134		250	362.6		mg/Kg		91	90 - 110

Lab Sample ID: 880-40472-9 MSD

Matrix: Solid

Analysis Batch: 75059

Client Sample ID: CS-9 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	134		250	390.5		mg/Kg		103	90 - 110	7	20

Lab Sample ID: MB 880-75032/1-A

Matrix: Solid

Analysis Batch: 75060

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			03/08/24 17:02	1

Lab Sample ID: LCS 880-75032/2-A

Matrix: Solid

Analysis Batch: 75060

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	245.8		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-75032/3-A

Matrix: Solid

Analysis Batch: 75060

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	257.7		mg/Kg		103	90 - 110	5	20

Lab Sample ID: 880-40472-19 MS

Matrix: Solid

Analysis Batch: 75060

Client Sample ID: CS-19 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	156	F1	248	350.3	F1	mg/Kg		78	90 - 110

Lab Sample ID: 880-40472-19 MSD

Matrix: Solid

Analysis Batch: 75060

Client Sample ID: CS-19 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	156	F1	248	361.5	F1	mg/Kg		83	90 - 110	3	20

Lab Sample ID: 880-40472-29 MS

Matrix: Solid

Analysis Batch: 75060

Client Sample ID: CS-29 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	93.8	F1	252	350.3		mg/Kg		102	90 - 110

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QC Sample Results

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-40472-29 MSD

Matrix: Solid

Analysis Batch: 75060

Client Sample ID: CS-29 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	93.8	F1	252	377.6	F1	mg/Kg		113	90 - 110	8	20

Lab Sample ID: MB 880-75033/1-A

Matrix: Solid

Analysis Batch: 75063

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			03/08/24 19:38	1

Lab Sample ID: LCS 880-75033/2-A

Matrix: Solid

Analysis Batch: 75063

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	248.7		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-75033/3-A

Matrix: Solid

Analysis Batch: 75063

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	264.8		mg/Kg		106	90 - 110	6	20

Lab Sample ID: 880-40472-39 MS

Matrix: Solid

Analysis Batch: 75063

Client Sample ID: SW-3 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	125		249	375.1		mg/Kg		100	90 - 110

Lab Sample ID: 880-40472-39 MSD

Matrix: Solid

Analysis Batch: 75063

Client Sample ID: SW-3 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	125		249	392.0		mg/Kg		107	90 - 110	4	20

Lab Sample ID: 880-40472-49 MS

Matrix: Solid

Analysis Batch: 75063

Client Sample ID: SW-13 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	109		251	358.3		mg/Kg		99	90 - 110

Lab Sample ID: 880-40472-49 MSD

Matrix: Solid

Analysis Batch: 75063

Client Sample ID: SW-13 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	109		251	367.3		mg/Kg		103	90 - 110	2	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 75034

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40472-1	CS-1 (1.5')	Total/NA	Solid	5035	
880-40472-2	CS-2 (1.5')	Total/NA	Solid	5035	
880-40472-3	CS-3 (1.5')	Total/NA	Solid	5035	
880-40472-4	CS-4 (1.5')	Total/NA	Solid	5035	
880-40472-5	CS-5 (1.5')	Total/NA	Solid	5035	
880-40472-6	CS-6 (1.5')	Total/NA	Solid	5035	
880-40472-7	CS-7 (1.5')	Total/NA	Solid	5035	
880-40472-8	CS-8 (1.5')	Total/NA	Solid	5035	
880-40472-9	CS-9 (1.5')	Total/NA	Solid	5035	
880-40472-10	CS-10 (1.5')	Total/NA	Solid	5035	
880-40472-11	CS-11 (4.5')	Total/NA	Solid	5035	
880-40472-12	CS-12 (4.5')	Total/NA	Solid	5035	
880-40472-13	CS-13 (4.5')	Total/NA	Solid	5035	
880-40472-14	CS-14 (4.5')	Total/NA	Solid	5035	
880-40472-15	CS-15 (4.5')	Total/NA	Solid	5035	
880-40472-16	CS-16 (4.5')	Total/NA	Solid	5035	
880-40472-17	CS-17 (4.5')	Total/NA	Solid	5035	
880-40472-18	CS-18 (4.5')	Total/NA	Solid	5035	
880-40472-19	CS-19 (4.5')	Total/NA	Solid	5035	
880-40472-20	CS-20 (4.5')	Total/NA	Solid	5035	
MB 880-75034/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-75034/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-75034/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-40472-1 MS	CS-1 (1.5')	Total/NA	Solid	5035	
880-40472-1 MSD	CS-1 (1.5')	Total/NA	Solid	5035	

Prep Batch: 75035

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40472-21	CS-21 (4.5')	Total/NA	Solid	5035	
880-40472-27	CS-27 (4.5')	Total/NA	Solid	5035	
880-40472-28	CS-28 (4.5')	Total/NA	Solid	5035	
880-40472-29	CS-29 (4.5')	Total/NA	Solid	5035	
880-40472-30	CS-30 (4.5')	Total/NA	Solid	5035	
880-40472-31	CS-31 (3')	Total/NA	Solid	5035	
880-40472-32	CS-32 (3')	Total/NA	Solid	5035	
880-40472-33	CS-33 (3')	Total/NA	Solid	5035	
880-40472-34	CS-34 (3')	Total/NA	Solid	5035	
880-40472-35	CS-35 (3')	Total/NA	Solid	5035	
880-40472-36	CS-36 (3')	Total/NA	Solid	5035	
880-40472-37	SW-1 (1.5')	Total/NA	Solid	5035	
880-40472-38	SW-2 (1.5')	Total/NA	Solid	5035	
880-40472-39	SW-3 (1.5')	Total/NA	Solid	5035	
880-40472-40	SW-4 (3')	Total/NA	Solid	5035	
MB 880-75035/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-75035/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-75035/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-40472-21 MS	CS-21 (4.5')	Total/NA	Solid	5035	
880-40472-21 MSD	CS-21 (4.5')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 75036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40472-41	SW-5 (4.5')	Total/NA	Solid	5035	
880-40472-42	SW-6 (4.5')	Total/NA	Solid	5035	
880-40472-43	SW-7 (4.5')	Total/NA	Solid	5035	
880-40472-44	SW-8 (4.5')	Total/NA	Solid	5035	
880-40472-45	SW-9 (4.5')	Total/NA	Solid	5035	
880-40472-46	SW-10 (4.5')	Total/NA	Solid	5035	
880-40472-47	SW-11 (4.5')	Total/NA	Solid	5035	
880-40472-48	SW-12 (4.5')	Total/NA	Solid	5035	
880-40472-49	SW-13 (4.5')	Total/NA	Solid	5035	
880-40472-50	SW-14 (1.5')	Total/NA	Solid	5035	
880-40472-51	SW-15 (3')	Total/NA	Solid	5035	
880-40472-52	SW-16 (3')	Total/NA	Solid	5035	
880-40472-53	SW-17 (3')	Total/NA	Solid	5035	
880-40472-54	SW-18 (3')	Total/NA	Solid	5035	
880-40472-55	SW-19 (3')	Total/NA	Solid	5035	
880-40472-56	SW-20 (3')	Total/NA	Solid	5035	
MB 880-75036/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-75036/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-75036/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-40472-41 MS	SW-5 (4.5')	Total/NA	Solid	5035	
880-40472-41 MSD	SW-5 (4.5')	Total/NA	Solid	5035	

Analysis Batch: 75041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40472-1	CS-1 (1.5')	Total/NA	Solid	8021B	75034
880-40472-2	CS-2 (1.5')	Total/NA	Solid	8021B	75034
880-40472-3	CS-3 (1.5')	Total/NA	Solid	8021B	75034
880-40472-4	CS-4 (1.5')	Total/NA	Solid	8021B	75034
880-40472-5	CS-5 (1.5')	Total/NA	Solid	8021B	75034
880-40472-6	CS-6 (1.5')	Total/NA	Solid	8021B	75034
880-40472-7	CS-7 (1.5')	Total/NA	Solid	8021B	75034
880-40472-8	CS-8 (1.5')	Total/NA	Solid	8021B	75034
880-40472-9	CS-9 (1.5')	Total/NA	Solid	8021B	75034
880-40472-10	CS-10 (1.5')	Total/NA	Solid	8021B	75034
880-40472-11	CS-11 (4.5')	Total/NA	Solid	8021B	75034
880-40472-12	CS-12 (4.5')	Total/NA	Solid	8021B	75034
880-40472-13	CS-13 (4.5')	Total/NA	Solid	8021B	75034
880-40472-14	CS-14 (4.5')	Total/NA	Solid	8021B	75034
880-40472-15	CS-15 (4.5')	Total/NA	Solid	8021B	75034
880-40472-16	CS-16 (4.5')	Total/NA	Solid	8021B	75034
880-40472-17	CS-17 (4.5')	Total/NA	Solid	8021B	75034
880-40472-18	CS-18 (4.5')	Total/NA	Solid	8021B	75034
880-40472-19	CS-19 (4.5')	Total/NA	Solid	8021B	75034
880-40472-20	CS-20 (4.5')	Total/NA	Solid	8021B	75034
880-40472-22	CS-22 (4.5')	Total/NA	Solid	8021B	75053
880-40472-23	CS-23 (4.5')	Total/NA	Solid	8021B	75053
880-40472-24	CS-24 (4.5')	Total/NA	Solid	8021B	75053
880-40472-25	CS-25 (4.5')	Total/NA	Solid	8021B	75053
880-40472-26	CS-26 (4.5')	Total/NA	Solid	8021B	75053
MB 880-75034/5-A	Method Blank	Total/NA	Solid	8021B	75034
MB 880-75053/5-A	Method Blank	Total/NA	Solid	8021B	75053

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 75041 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-75034/1-A	Lab Control Sample	Total/NA	Solid	8021B	75034
LCS 880-75053/1-A	Lab Control Sample	Total/NA	Solid	8021B	75053
LCSD 880-75034/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	75034
LCSD 880-75053/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	75053
880-40472-1 MS	CS-1 (1.5')	Total/NA	Solid	8021B	75034
880-40472-1 MSD	CS-1 (1.5')	Total/NA	Solid	8021B	75034
880-40472-22 MS	CS-22 (4.5')	Total/NA	Solid	8021B	75053
880-40472-22 MSD	CS-22 (4.5')	Total/NA	Solid	8021B	75053

Analysis Batch: 75042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40472-21	CS-21 (4.5')	Total/NA	Solid	8021B	75035
880-40472-27	CS-27 (4.5')	Total/NA	Solid	8021B	75035
880-40472-28	CS-28 (4.5')	Total/NA	Solid	8021B	75035
880-40472-29	CS-29 (4.5')	Total/NA	Solid	8021B	75035
880-40472-30	CS-30 (4.5')	Total/NA	Solid	8021B	75035
880-40472-31	CS-31 (3')	Total/NA	Solid	8021B	75035
880-40472-32	CS-32 (3')	Total/NA	Solid	8021B	75035
880-40472-33	CS-33 (3')	Total/NA	Solid	8021B	75035
880-40472-34	CS-34 (3')	Total/NA	Solid	8021B	75035
880-40472-35	CS-35 (3')	Total/NA	Solid	8021B	75035
880-40472-36	CS-36 (3')	Total/NA	Solid	8021B	75035
880-40472-37	SW-1 (1.5')	Total/NA	Solid	8021B	75035
880-40472-38	SW-2 (1.5')	Total/NA	Solid	8021B	75035
880-40472-39	SW-3 (1.5')	Total/NA	Solid	8021B	75035
880-40472-40	SW-4 (3')	Total/NA	Solid	8021B	75035
MB 880-75035/5-A	Method Blank	Total/NA	Solid	8021B	75035
LCS 880-75035/1-A	Lab Control Sample	Total/NA	Solid	8021B	75035
LCSD 880-75035/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	75035
880-40472-21 MS	CS-21 (4.5')	Total/NA	Solid	8021B	75035
880-40472-21 MSD	CS-21 (4.5')	Total/NA	Solid	8021B	75035

Analysis Batch: 75043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40472-41	SW-5 (4.5')	Total/NA	Solid	8021B	75036
880-40472-42	SW-6 (4.5')	Total/NA	Solid	8021B	75036
880-40472-43	SW-7 (4.5')	Total/NA	Solid	8021B	75036
880-40472-44	SW-8 (4.5')	Total/NA	Solid	8021B	75036
880-40472-45	SW-9 (4.5')	Total/NA	Solid	8021B	75036
880-40472-46	SW-10 (4.5')	Total/NA	Solid	8021B	75036
880-40472-47	SW-11 (4.5')	Total/NA	Solid	8021B	75036
880-40472-48	SW-12 (4.5')	Total/NA	Solid	8021B	75036
880-40472-49	SW-13 (4.5')	Total/NA	Solid	8021B	75036
880-40472-50	SW-14 (1.5')	Total/NA	Solid	8021B	75036
880-40472-51	SW-15 (3')	Total/NA	Solid	8021B	75036
880-40472-52	SW-16 (3')	Total/NA	Solid	8021B	75036
880-40472-53	SW-17 (3')	Total/NA	Solid	8021B	75036
880-40472-54	SW-18 (3')	Total/NA	Solid	8021B	75036
880-40472-55	SW-19 (3')	Total/NA	Solid	8021B	75036
880-40472-56	SW-20 (3')	Total/NA	Solid	8021B	75036
MB 880-75036/5-A	Method Blank	Total/NA	Solid	8021B	75036

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 75043 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-75036/1-A	Lab Control Sample	Total/NA	Solid	8021B	75036
LCSD 880-75036/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	75036
880-40472-41 MS	SW-5 (4.5')	Total/NA	Solid	8021B	75036
880-40472-41 MSD	SW-5 (4.5')	Total/NA	Solid	8021B	75036

Prep Batch: 75053

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40472-22	CS-22 (4.5')	Total/NA	Solid	5035	
880-40472-23	CS-23 (4.5')	Total/NA	Solid	5035	
880-40472-24	CS-24 (4.5')	Total/NA	Solid	5035	
880-40472-25	CS-25 (4.5')	Total/NA	Solid	5035	
880-40472-26	CS-26 (4.5')	Total/NA	Solid	5035	
MB 880-75053/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-75053/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-75053/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-40472-22 MS	CS-22 (4.5')	Total/NA	Solid	5035	
880-40472-22 MSD	CS-22 (4.5')	Total/NA	Solid	5035	

Analysis Batch: 75125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40472-1	CS-1 (1.5')	Total/NA	Solid	Total BTEX	
880-40472-2	CS-2 (1.5')	Total/NA	Solid	Total BTEX	
880-40472-3	CS-3 (1.5')	Total/NA	Solid	Total BTEX	
880-40472-4	CS-4 (1.5')	Total/NA	Solid	Total BTEX	
880-40472-5	CS-5 (1.5')	Total/NA	Solid	Total BTEX	
880-40472-6	CS-6 (1.5')	Total/NA	Solid	Total BTEX	
880-40472-7	CS-7 (1.5')	Total/NA	Solid	Total BTEX	
880-40472-8	CS-8 (1.5')	Total/NA	Solid	Total BTEX	
880-40472-9	CS-9 (1.5')	Total/NA	Solid	Total BTEX	
880-40472-10	CS-10 (1.5')	Total/NA	Solid	Total BTEX	
880-40472-11	CS-11 (4.5')	Total/NA	Solid	Total BTEX	
880-40472-12	CS-12 (4.5')	Total/NA	Solid	Total BTEX	
880-40472-13	CS-13 (4.5')	Total/NA	Solid	Total BTEX	
880-40472-14	CS-14 (4.5')	Total/NA	Solid	Total BTEX	
880-40472-15	CS-15 (4.5')	Total/NA	Solid	Total BTEX	
880-40472-16	CS-16 (4.5')	Total/NA	Solid	Total BTEX	
880-40472-17	CS-17 (4.5')	Total/NA	Solid	Total BTEX	
880-40472-18	CS-18 (4.5')	Total/NA	Solid	Total BTEX	
880-40472-19	CS-19 (4.5')	Total/NA	Solid	Total BTEX	
880-40472-20	CS-20 (4.5')	Total/NA	Solid	Total BTEX	
880-40472-21	CS-21 (4.5')	Total/NA	Solid	Total BTEX	
880-40472-22	CS-22 (4.5')	Total/NA	Solid	Total BTEX	
880-40472-23	CS-23 (4.5')	Total/NA	Solid	Total BTEX	
880-40472-24	CS-24 (4.5')	Total/NA	Solid	Total BTEX	
880-40472-25	CS-25 (4.5')	Total/NA	Solid	Total BTEX	
880-40472-26	CS-26 (4.5')	Total/NA	Solid	Total BTEX	
880-40472-27	CS-27 (4.5')	Total/NA	Solid	Total BTEX	
880-40472-28	CS-28 (4.5')	Total/NA	Solid	Total BTEX	
880-40472-29	CS-29 (4.5')	Total/NA	Solid	Total BTEX	
880-40472-30	CS-30 (4.5')	Total/NA	Solid	Total BTEX	
880-40472-31	CS-31 (3')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 75125 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40472-32	CS-32 (3')	Total/NA	Solid	Total BTEX	
880-40472-33	CS-33 (3')	Total/NA	Solid	Total BTEX	
880-40472-34	CS-34 (3')	Total/NA	Solid	Total BTEX	
880-40472-35	CS-35 (3')	Total/NA	Solid	Total BTEX	
880-40472-36	CS-36 (3')	Total/NA	Solid	Total BTEX	
880-40472-37	SW-1 (1.5')	Total/NA	Solid	Total BTEX	
880-40472-38	SW-2 (1.5')	Total/NA	Solid	Total BTEX	
880-40472-39	SW-3 (1.5')	Total/NA	Solid	Total BTEX	
880-40472-40	SW-4 (3')	Total/NA	Solid	Total BTEX	
880-40472-41	SW-5 (4.5')	Total/NA	Solid	Total BTEX	
880-40472-42	SW-6 (4.5')	Total/NA	Solid	Total BTEX	
880-40472-43	SW-7 (4.5')	Total/NA	Solid	Total BTEX	
880-40472-44	SW-8 (4.5')	Total/NA	Solid	Total BTEX	
880-40472-45	SW-9 (4.5')	Total/NA	Solid	Total BTEX	
880-40472-46	SW-10 (4.5')	Total/NA	Solid	Total BTEX	
880-40472-47	SW-11 (4.5')	Total/NA	Solid	Total BTEX	
880-40472-48	SW-12 (4.5')	Total/NA	Solid	Total BTEX	
880-40472-49	SW-13 (4.5')	Total/NA	Solid	Total BTEX	
880-40472-50	SW-14 (1.5')	Total/NA	Solid	Total BTEX	
880-40472-51	SW-15 (3')	Total/NA	Solid	Total BTEX	
880-40472-52	SW-16 (3')	Total/NA	Solid	Total BTEX	
880-40472-53	SW-17 (3')	Total/NA	Solid	Total BTEX	
880-40472-54	SW-18 (3')	Total/NA	Solid	Total BTEX	
880-40472-55	SW-19 (3')	Total/NA	Solid	Total BTEX	
880-40472-56	SW-20 (3')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 75049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40472-1	CS-1 (1.5')	Total/NA	Solid	8015B NM	75116
880-40472-2	CS-2 (1.5')	Total/NA	Solid	8015B NM	75116
880-40472-3	CS-3 (1.5')	Total/NA	Solid	8015B NM	75116
880-40472-4	CS-4 (1.5')	Total/NA	Solid	8015B NM	75116
880-40472-5	CS-5 (1.5')	Total/NA	Solid	8015B NM	75116
880-40472-6	CS-6 (1.5')	Total/NA	Solid	8015B NM	75116
880-40472-7	CS-7 (1.5')	Total/NA	Solid	8015B NM	75116
880-40472-8	CS-8 (1.5')	Total/NA	Solid	8015B NM	75116
880-40472-9	CS-9 (1.5')	Total/NA	Solid	8015B NM	75116
880-40472-10	CS-10 (1.5')	Total/NA	Solid	8015B NM	75116
880-40472-11	CS-11 (4.5')	Total/NA	Solid	8015B NM	75116
880-40472-12	CS-12 (4.5')	Total/NA	Solid	8015B NM	75116
880-40472-13	CS-13 (4.5')	Total/NA	Solid	8015B NM	75116
880-40472-14	CS-14 (4.5')	Total/NA	Solid	8015B NM	75116
880-40472-15	CS-15 (4.5')	Total/NA	Solid	8015B NM	75116
880-40472-16	CS-16 (4.5')	Total/NA	Solid	8015B NM	75116
880-40472-17	CS-17 (4.5')	Total/NA	Solid	8015B NM	75116
880-40472-18	CS-18 (4.5')	Total/NA	Solid	8015B NM	75116
880-40472-19	CS-19 (4.5')	Total/NA	Solid	8015B NM	75116
880-40472-20	CS-20 (4.5')	Total/NA	Solid	8015B NM	75116
MB 880-75116/1-A	Method Blank	Total/NA	Solid	8015B NM	75116

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 75049 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-75116/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	75116
LCSD 880-75116/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	75116
880-40472-1 MS	CS-1 (1.5')	Total/NA	Solid	8015B NM	75116
880-40472-1 MSD	CS-1 (1.5')	Total/NA	Solid	8015B NM	75116

Prep Batch: 75116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40472-1	CS-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-40472-2	CS-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-40472-3	CS-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-40472-4	CS-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-40472-5	CS-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-40472-6	CS-6 (1.5')	Total/NA	Solid	8015NM Prep	
880-40472-7	CS-7 (1.5')	Total/NA	Solid	8015NM Prep	
880-40472-8	CS-8 (1.5')	Total/NA	Solid	8015NM Prep	
880-40472-9	CS-9 (1.5')	Total/NA	Solid	8015NM Prep	
880-40472-10	CS-10 (1.5')	Total/NA	Solid	8015NM Prep	
880-40472-11	CS-11 (4.5')	Total/NA	Solid	8015NM Prep	
880-40472-12	CS-12 (4.5')	Total/NA	Solid	8015NM Prep	
880-40472-13	CS-13 (4.5')	Total/NA	Solid	8015NM Prep	
880-40472-14	CS-14 (4.5')	Total/NA	Solid	8015NM Prep	
880-40472-15	CS-15 (4.5')	Total/NA	Solid	8015NM Prep	
880-40472-16	CS-16 (4.5')	Total/NA	Solid	8015NM Prep	
880-40472-17	CS-17 (4.5')	Total/NA	Solid	8015NM Prep	
880-40472-18	CS-18 (4.5')	Total/NA	Solid	8015NM Prep	
880-40472-19	CS-19 (4.5')	Total/NA	Solid	8015NM Prep	
880-40472-20	CS-20 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-75116/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-75116/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-75116/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-40472-1 MS	CS-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-40472-1 MSD	CS-1 (1.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 75142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40472-21	CS-21 (4.5')	Total/NA	Solid	8015B NM	75147
880-40472-22	CS-22 (4.5')	Total/NA	Solid	8015B NM	75147
880-40472-23	CS-23 (4.5')	Total/NA	Solid	8015B NM	75147
880-40472-24	CS-24 (4.5')	Total/NA	Solid	8015B NM	75147
880-40472-25	CS-25 (4.5')	Total/NA	Solid	8015B NM	75147
880-40472-26	CS-26 (4.5')	Total/NA	Solid	8015B NM	75147
880-40472-27	CS-27 (4.5')	Total/NA	Solid	8015B NM	75147
880-40472-28	CS-28 (4.5')	Total/NA	Solid	8015B NM	75147
880-40472-29	CS-29 (4.5')	Total/NA	Solid	8015B NM	75147
880-40472-30	CS-30 (4.5')	Total/NA	Solid	8015B NM	75147
880-40472-31	CS-31 (3')	Total/NA	Solid	8015B NM	75147
880-40472-32	CS-32 (3')	Total/NA	Solid	8015B NM	75147
880-40472-33	CS-33 (3')	Total/NA	Solid	8015B NM	75147
880-40472-34	CS-34 (3')	Total/NA	Solid	8015B NM	75147
880-40472-35	CS-35 (3')	Total/NA	Solid	8015B NM	75147
880-40472-36	CS-36 (3')	Total/NA	Solid	8015B NM	75147

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 75142 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40472-37	SW-1 (1.5')	Total/NA	Solid	8015B NM	75147
880-40472-38	SW-2 (1.5')	Total/NA	Solid	8015B NM	75147
880-40472-39	SW-3 (1.5')	Total/NA	Solid	8015B NM	75147
880-40472-40	SW-4 (3')	Total/NA	Solid	8015B NM	75147
MB 880-75147/1-A	Method Blank	Total/NA	Solid	8015B NM	75147
LCS 880-75147/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	75147
LCSD 880-75147/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	75147
880-40472-21 MS	CS-21 (4.5')	Total/NA	Solid	8015B NM	75147
880-40472-21 MSD	CS-21 (4.5')	Total/NA	Solid	8015B NM	75147

Prep Batch: 75147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40472-21	CS-21 (4.5')	Total/NA	Solid	8015NM Prep	
880-40472-22	CS-22 (4.5')	Total/NA	Solid	8015NM Prep	
880-40472-23	CS-23 (4.5')	Total/NA	Solid	8015NM Prep	
880-40472-24	CS-24 (4.5')	Total/NA	Solid	8015NM Prep	
880-40472-25	CS-25 (4.5')	Total/NA	Solid	8015NM Prep	
880-40472-26	CS-26 (4.5')	Total/NA	Solid	8015NM Prep	
880-40472-27	CS-27 (4.5')	Total/NA	Solid	8015NM Prep	
880-40472-28	CS-28 (4.5')	Total/NA	Solid	8015NM Prep	
880-40472-29	CS-29 (4.5')	Total/NA	Solid	8015NM Prep	
880-40472-30	CS-30 (4.5')	Total/NA	Solid	8015NM Prep	
880-40472-31	CS-31 (3')	Total/NA	Solid	8015NM Prep	
880-40472-32	CS-32 (3')	Total/NA	Solid	8015NM Prep	
880-40472-33	CS-33 (3')	Total/NA	Solid	8015NM Prep	
880-40472-34	CS-34 (3')	Total/NA	Solid	8015NM Prep	
880-40472-35	CS-35 (3')	Total/NA	Solid	8015NM Prep	
880-40472-36	CS-36 (3')	Total/NA	Solid	8015NM Prep	
880-40472-37	SW-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-40472-38	SW-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-40472-39	SW-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-40472-40	SW-4 (3')	Total/NA	Solid	8015NM Prep	
MB 880-75147/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-75147/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-75147/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-40472-21 MS	CS-21 (4.5')	Total/NA	Solid	8015NM Prep	
880-40472-21 MSD	CS-21 (4.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 75154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40472-41	SW-5 (4.5')	Total/NA	Solid	8015NM Prep	
880-40472-42	SW-6 (4.5')	Total/NA	Solid	8015NM Prep	
880-40472-43	SW-7 (4.5')	Total/NA	Solid	8015NM Prep	
880-40472-44	SW-8 (4.5')	Total/NA	Solid	8015NM Prep	
880-40472-45	SW-9 (4.5')	Total/NA	Solid	8015NM Prep	
880-40472-46	SW-10 (4.5')	Total/NA	Solid	8015NM Prep	
880-40472-47	SW-11 (4.5')	Total/NA	Solid	8015NM Prep	
880-40472-48	SW-12 (4.5')	Total/NA	Solid	8015NM Prep	
880-40472-49	SW-13 (4.5')	Total/NA	Solid	8015NM Prep	
880-40472-50	SW-14 (1.5')	Total/NA	Solid	8015NM Prep	
880-40472-51	SW-15 (3')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 75154 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40472-52	SW-16 (3')	Total/NA	Solid	8015NM Prep	
880-40472-53	SW-17 (3')	Total/NA	Solid	8015NM Prep	
880-40472-54	SW-18 (3')	Total/NA	Solid	8015NM Prep	
880-40472-55	SW-19 (3')	Total/NA	Solid	8015NM Prep	
880-40472-56	SW-20 (3')	Total/NA	Solid	8015NM Prep	
MB 880-75154/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-75154/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-75154/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-40472-41 MS	SW-5 (4.5')	Total/NA	Solid	8015NM Prep	
880-40472-41 MSD	SW-5 (4.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 75169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40472-41	SW-5 (4.5')	Total/NA	Solid	8015B NM	75154
880-40472-42	SW-6 (4.5')	Total/NA	Solid	8015B NM	75154
880-40472-43	SW-7 (4.5')	Total/NA	Solid	8015B NM	75154
880-40472-44	SW-8 (4.5')	Total/NA	Solid	8015B NM	75154
880-40472-45	SW-9 (4.5')	Total/NA	Solid	8015B NM	75154
880-40472-46	SW-10 (4.5')	Total/NA	Solid	8015B NM	75154
880-40472-47	SW-11 (4.5')	Total/NA	Solid	8015B NM	75154
880-40472-48	SW-12 (4.5')	Total/NA	Solid	8015B NM	75154
880-40472-49	SW-13 (4.5')	Total/NA	Solid	8015B NM	75154
880-40472-50	SW-14 (1.5')	Total/NA	Solid	8015B NM	75154
880-40472-51	SW-15 (3')	Total/NA	Solid	8015B NM	75154
880-40472-52	SW-16 (3')	Total/NA	Solid	8015B NM	75154
880-40472-53	SW-17 (3')	Total/NA	Solid	8015B NM	75154
880-40472-54	SW-18 (3')	Total/NA	Solid	8015B NM	75154
880-40472-55	SW-19 (3')	Total/NA	Solid	8015B NM	75154
880-40472-56	SW-20 (3')	Total/NA	Solid	8015B NM	75154
MB 880-75154/1-A	Method Blank	Total/NA	Solid	8015B NM	75154
LCS 880-75154/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	75154
LCSD 880-75154/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	75154
880-40472-41 MS	SW-5 (4.5')	Total/NA	Solid	8015B NM	75154
880-40472-41 MSD	SW-5 (4.5')	Total/NA	Solid	8015B NM	75154

Analysis Batch: 75328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40472-1	CS-1 (1.5')	Total/NA	Solid	8015 NM	
880-40472-2	CS-2 (1.5')	Total/NA	Solid	8015 NM	
880-40472-3	CS-3 (1.5')	Total/NA	Solid	8015 NM	
880-40472-4	CS-4 (1.5')	Total/NA	Solid	8015 NM	
880-40472-5	CS-5 (1.5')	Total/NA	Solid	8015 NM	
880-40472-6	CS-6 (1.5')	Total/NA	Solid	8015 NM	
880-40472-7	CS-7 (1.5')	Total/NA	Solid	8015 NM	
880-40472-8	CS-8 (1.5')	Total/NA	Solid	8015 NM	
880-40472-9	CS-9 (1.5')	Total/NA	Solid	8015 NM	
880-40472-10	CS-10 (1.5')	Total/NA	Solid	8015 NM	
880-40472-11	CS-11 (4.5')	Total/NA	Solid	8015 NM	
880-40472-12	CS-12 (4.5')	Total/NA	Solid	8015 NM	
880-40472-13	CS-13 (4.5')	Total/NA	Solid	8015 NM	
880-40472-14	CS-14 (4.5')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 75328 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40472-15	CS-15 (4.5')	Total/NA	Solid	8015 NM	
880-40472-16	CS-16 (4.5')	Total/NA	Solid	8015 NM	
880-40472-17	CS-17 (4.5')	Total/NA	Solid	8015 NM	
880-40472-18	CS-18 (4.5')	Total/NA	Solid	8015 NM	
880-40472-19	CS-19 (4.5')	Total/NA	Solid	8015 NM	
880-40472-20	CS-20 (4.5')	Total/NA	Solid	8015 NM	
880-40472-21	CS-21 (4.5')	Total/NA	Solid	8015 NM	
880-40472-22	CS-22 (4.5')	Total/NA	Solid	8015 NM	
880-40472-23	CS-23 (4.5')	Total/NA	Solid	8015 NM	
880-40472-24	CS-24 (4.5')	Total/NA	Solid	8015 NM	
880-40472-25	CS-25 (4.5')	Total/NA	Solid	8015 NM	
880-40472-26	CS-26 (4.5')	Total/NA	Solid	8015 NM	
880-40472-27	CS-27 (4.5')	Total/NA	Solid	8015 NM	
880-40472-28	CS-28 (4.5')	Total/NA	Solid	8015 NM	
880-40472-29	CS-29 (4.5')	Total/NA	Solid	8015 NM	
880-40472-30	CS-30 (4.5')	Total/NA	Solid	8015 NM	
880-40472-31	CS-31 (3')	Total/NA	Solid	8015 NM	
880-40472-32	CS-32 (3')	Total/NA	Solid	8015 NM	
880-40472-33	CS-33 (3')	Total/NA	Solid	8015 NM	
880-40472-34	CS-34 (3')	Total/NA	Solid	8015 NM	
880-40472-35	CS-35 (3')	Total/NA	Solid	8015 NM	
880-40472-36	CS-36 (3')	Total/NA	Solid	8015 NM	
880-40472-37	SW-1 (1.5')	Total/NA	Solid	8015 NM	
880-40472-38	SW-2 (1.5')	Total/NA	Solid	8015 NM	
880-40472-39	SW-3 (1.5')	Total/NA	Solid	8015 NM	
880-40472-40	SW-4 (3')	Total/NA	Solid	8015 NM	
880-40472-41	SW-5 (4.5')	Total/NA	Solid	8015 NM	
880-40472-42	SW-6 (4.5')	Total/NA	Solid	8015 NM	
880-40472-43	SW-7 (4.5')	Total/NA	Solid	8015 NM	
880-40472-44	SW-8 (4.5')	Total/NA	Solid	8015 NM	
880-40472-45	SW-9 (4.5')	Total/NA	Solid	8015 NM	
880-40472-46	SW-10 (4.5')	Total/NA	Solid	8015 NM	
880-40472-47	SW-11 (4.5')	Total/NA	Solid	8015 NM	
880-40472-48	SW-12 (4.5')	Total/NA	Solid	8015 NM	
880-40472-49	SW-13 (4.5')	Total/NA	Solid	8015 NM	
880-40472-50	SW-14 (1.5')	Total/NA	Solid	8015 NM	
880-40472-51	SW-15 (3')	Total/NA	Solid	8015 NM	
880-40472-52	SW-16 (3')	Total/NA	Solid	8015 NM	
880-40472-53	SW-17 (3')	Total/NA	Solid	8015 NM	
880-40472-54	SW-18 (3')	Total/NA	Solid	8015 NM	
880-40472-55	SW-19 (3')	Total/NA	Solid	8015 NM	
880-40472-56	SW-20 (3')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 75031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40472-1	CS-1 (1.5')	Soluble	Solid	DI Leach	
880-40472-2	CS-2 (1.5')	Soluble	Solid	DI Leach	
880-40472-3	CS-3 (1.5')	Soluble	Solid	DI Leach	
880-40472-4	CS-4 (1.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 75031 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40472-5	CS-5 (1.5')	Soluble	Solid	DI Leach	
880-40472-6	CS-6 (1.5')	Soluble	Solid	DI Leach	
880-40472-7	CS-7 (1.5')	Soluble	Solid	DI Leach	
880-40472-8	CS-8 (1.5')	Soluble	Solid	DI Leach	
880-40472-9	CS-9 (1.5')	Soluble	Solid	DI Leach	
880-40472-10	CS-10 (1.5')	Soluble	Solid	DI Leach	
880-40472-11	CS-11 (4.5')	Soluble	Solid	DI Leach	
880-40472-12	CS-12 (4.5')	Soluble	Solid	DI Leach	
880-40472-13	CS-13 (4.5')	Soluble	Solid	DI Leach	
880-40472-14	CS-14 (4.5')	Soluble	Solid	DI Leach	
880-40472-15	CS-15 (4.5')	Soluble	Solid	DI Leach	
880-40472-16	CS-16 (4.5')	Soluble	Solid	DI Leach	
880-40472-17	CS-17 (4.5')	Soluble	Solid	DI Leach	
880-40472-18	CS-18 (4.5')	Soluble	Solid	DI Leach	
MB 880-75031/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-75031/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-75031/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-40472-9 MS	CS-9 (1.5')	Soluble	Solid	DI Leach	
880-40472-9 MSD	CS-9 (1.5')	Soluble	Solid	DI Leach	

Leach Batch: 75032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40472-19	CS-19 (4.5')	Soluble	Solid	DI Leach	
880-40472-20	CS-20 (4.5')	Soluble	Solid	DI Leach	
880-40472-21	CS-21 (4.5')	Soluble	Solid	DI Leach	
880-40472-22	CS-22 (4.5')	Soluble	Solid	DI Leach	
880-40472-23	CS-23 (4.5')	Soluble	Solid	DI Leach	
880-40472-24	CS-24 (4.5')	Soluble	Solid	DI Leach	
880-40472-25	CS-25 (4.5')	Soluble	Solid	DI Leach	
880-40472-26	CS-26 (4.5')	Soluble	Solid	DI Leach	
880-40472-27	CS-27 (4.5')	Soluble	Solid	DI Leach	
880-40472-28	CS-28 (4.5')	Soluble	Solid	DI Leach	
880-40472-29	CS-29 (4.5')	Soluble	Solid	DI Leach	
880-40472-30	CS-30 (4.5')	Soluble	Solid	DI Leach	
880-40472-31	CS-31 (3')	Soluble	Solid	DI Leach	
880-40472-32	CS-32 (3')	Soluble	Solid	DI Leach	
880-40472-33	CS-33 (3')	Soluble	Solid	DI Leach	
880-40472-34	CS-34 (3')	Soluble	Solid	DI Leach	
880-40472-35	CS-35 (3')	Soluble	Solid	DI Leach	
880-40472-36	CS-36 (3')	Soluble	Solid	DI Leach	
880-40472-37	SW-1 (1.5')	Soluble	Solid	DI Leach	
880-40472-38	SW-2 (1.5')	Soluble	Solid	DI Leach	
MB 880-75032/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-75032/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-75032/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-40472-19 MS	CS-19 (4.5')	Soluble	Solid	DI Leach	
880-40472-19 MSD	CS-19 (4.5')	Soluble	Solid	DI Leach	
880-40472-29 MS	CS-29 (4.5')	Soluble	Solid	DI Leach	
880-40472-29 MSD	CS-29 (4.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

HPLC/IC

Leach Batch: 75033

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40472-39	SW-3 (1.5')	Soluble	Solid	DI Leach	
880-40472-40	SW-4 (3')	Soluble	Solid	DI Leach	
880-40472-41	SW-5 (4.5')	Soluble	Solid	DI Leach	
880-40472-42	SW-6 (4.5')	Soluble	Solid	DI Leach	
880-40472-43	SW-7 (4.5')	Soluble	Solid	DI Leach	
880-40472-44	SW-8 (4.5')	Soluble	Solid	DI Leach	
880-40472-45	SW-9 (4.5')	Soluble	Solid	DI Leach	
880-40472-46	SW-10 (4.5')	Soluble	Solid	DI Leach	
880-40472-47	SW-11 (4.5')	Soluble	Solid	DI Leach	
880-40472-48	SW-12 (4.5')	Soluble	Solid	DI Leach	
880-40472-49	SW-13 (4.5')	Soluble	Solid	DI Leach	
880-40472-50	SW-14 (1.5')	Soluble	Solid	DI Leach	
880-40472-51	SW-15 (3')	Soluble	Solid	DI Leach	
880-40472-52	SW-16 (3')	Soluble	Solid	DI Leach	
880-40472-53	SW-17 (3')	Soluble	Solid	DI Leach	
880-40472-54	SW-18 (3')	Soluble	Solid	DI Leach	
880-40472-55	SW-19 (3')	Soluble	Solid	DI Leach	
880-40472-56	SW-20 (3')	Soluble	Solid	DI Leach	
MB 880-75033/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-75033/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-75033/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-40472-39 MS	SW-3 (1.5')	Soluble	Solid	DI Leach	
880-40472-39 MSD	SW-3 (1.5')	Soluble	Solid	DI Leach	
880-40472-49 MS	SW-13 (4.5')	Soluble	Solid	DI Leach	
880-40472-49 MSD	SW-13 (4.5')	Soluble	Solid	DI Leach	

Analysis Batch: 75059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40472-1	CS-1 (1.5')	Soluble	Solid	300.0	75031
880-40472-2	CS-2 (1.5')	Soluble	Solid	300.0	75031
880-40472-3	CS-3 (1.5')	Soluble	Solid	300.0	75031
880-40472-4	CS-4 (1.5')	Soluble	Solid	300.0	75031
880-40472-5	CS-5 (1.5')	Soluble	Solid	300.0	75031
880-40472-6	CS-6 (1.5')	Soluble	Solid	300.0	75031
880-40472-7	CS-7 (1.5')	Soluble	Solid	300.0	75031
880-40472-8	CS-8 (1.5')	Soluble	Solid	300.0	75031
880-40472-9	CS-9 (1.5')	Soluble	Solid	300.0	75031
880-40472-10	CS-10 (1.5')	Soluble	Solid	300.0	75031
880-40472-11	CS-11 (4.5')	Soluble	Solid	300.0	75031
880-40472-12	CS-12 (4.5')	Soluble	Solid	300.0	75031
880-40472-13	CS-13 (4.5')	Soluble	Solid	300.0	75031
880-40472-14	CS-14 (4.5')	Soluble	Solid	300.0	75031
880-40472-15	CS-15 (4.5')	Soluble	Solid	300.0	75031
880-40472-16	CS-16 (4.5')	Soluble	Solid	300.0	75031
880-40472-17	CS-17 (4.5')	Soluble	Solid	300.0	75031
880-40472-18	CS-18 (4.5')	Soluble	Solid	300.0	75031
MB 880-75031/1-A	Method Blank	Soluble	Solid	300.0	75031
LCS 880-75031/2-A	Lab Control Sample	Soluble	Solid	300.0	75031
LCSD 880-75031/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	75031
880-40472-9 MS	CS-9 (1.5')	Soluble	Solid	300.0	75031
880-40472-9 MSD	CS-9 (1.5')	Soluble	Solid	300.0	75031

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

HPLC/IC

Analysis Batch: 75060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40472-19	CS-19 (4.5')	Soluble	Solid	300.0	75032
880-40472-20	CS-20 (4.5')	Soluble	Solid	300.0	75032
880-40472-21	CS-21 (4.5')	Soluble	Solid	300.0	75032
880-40472-22	CS-22 (4.5')	Soluble	Solid	300.0	75032
880-40472-23	CS-23 (4.5')	Soluble	Solid	300.0	75032
880-40472-24	CS-24 (4.5')	Soluble	Solid	300.0	75032
880-40472-25	CS-25 (4.5')	Soluble	Solid	300.0	75032
880-40472-26	CS-26 (4.5')	Soluble	Solid	300.0	75032
880-40472-27	CS-27 (4.5')	Soluble	Solid	300.0	75032
880-40472-28	CS-28 (4.5')	Soluble	Solid	300.0	75032
880-40472-29	CS-29 (4.5')	Soluble	Solid	300.0	75032
880-40472-30	CS-30 (4.5')	Soluble	Solid	300.0	75032
880-40472-31	CS-31 (3')	Soluble	Solid	300.0	75032
880-40472-32	CS-32 (3')	Soluble	Solid	300.0	75032
880-40472-33	CS-33 (3')	Soluble	Solid	300.0	75032
880-40472-34	CS-34 (3')	Soluble	Solid	300.0	75032
880-40472-35	CS-35 (3')	Soluble	Solid	300.0	75032
880-40472-36	CS-36 (3')	Soluble	Solid	300.0	75032
880-40472-37	SW-1 (1.5')	Soluble	Solid	300.0	75032
880-40472-38	SW-2 (1.5')	Soluble	Solid	300.0	75032
MB 880-75032/1-A	Method Blank	Soluble	Solid	300.0	75032
LCS 880-75032/2-A	Lab Control Sample	Soluble	Solid	300.0	75032
LCSD 880-75032/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	75032
880-40472-19 MS	CS-19 (4.5')	Soluble	Solid	300.0	75032
880-40472-19 MSD	CS-19 (4.5')	Soluble	Solid	300.0	75032
880-40472-29 MS	CS-29 (4.5')	Soluble	Solid	300.0	75032
880-40472-29 MSD	CS-29 (4.5')	Soluble	Solid	300.0	75032

Analysis Batch: 75063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40472-39	SW-3 (1.5')	Soluble	Solid	300.0	75033
880-40472-40	SW-4 (3')	Soluble	Solid	300.0	75033
880-40472-41	SW-5 (4.5')	Soluble	Solid	300.0	75033
880-40472-42	SW-6 (4.5')	Soluble	Solid	300.0	75033
880-40472-43	SW-7 (4.5')	Soluble	Solid	300.0	75033
880-40472-44	SW-8 (4.5')	Soluble	Solid	300.0	75033
880-40472-45	SW-9 (4.5')	Soluble	Solid	300.0	75033
880-40472-46	SW-10 (4.5')	Soluble	Solid	300.0	75033
880-40472-47	SW-11 (4.5')	Soluble	Solid	300.0	75033
880-40472-48	SW-12 (4.5')	Soluble	Solid	300.0	75033
880-40472-49	SW-13 (4.5')	Soluble	Solid	300.0	75033
880-40472-50	SW-14 (1.5')	Soluble	Solid	300.0	75033
880-40472-51	SW-15 (3')	Soluble	Solid	300.0	75033
880-40472-52	SW-16 (3')	Soluble	Solid	300.0	75033
880-40472-53	SW-17 (3')	Soluble	Solid	300.0	75033
880-40472-54	SW-18 (3')	Soluble	Solid	300.0	75033
880-40472-55	SW-19 (3')	Soluble	Solid	300.0	75033
880-40472-56	SW-20 (3')	Soluble	Solid	300.0	75033
MB 880-75033/1-A	Method Blank	Soluble	Solid	300.0	75033
LCS 880-75033/2-A	Lab Control Sample	Soluble	Solid	300.0	75033
LCSD 880-75033/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	75033

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 75063 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40472-39 MS	SW-3 (1.5')	Soluble	Solid	300.0	75033
880-40472-39 MSD	SW-3 (1.5')	Soluble	Solid	300.0	75033
880-40472-49 MS	SW-13 (4.5')	Soluble	Solid	300.0	75033
880-40472-49 MSD	SW-13 (4.5')	Soluble	Solid	300.0	75033

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Lab Chronicle

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-1 (1.5')**Lab Sample ID: 880-40472-1****Date Collected: 03/07/24 00:00****Matrix: Solid****Date Received: 03/07/24 16:34**

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	75034	03/07/24 16:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75041	03/08/24 14:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 14:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/08/24 20:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	75116	03/08/24 16:29	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75049	03/08/24 20:09	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	75031	03/07/24 16:52	SA	EET MID
Soluble	Analysis	300.0		1			75059	03/08/24 14:58	CH	EET MID

Client Sample ID: CS-2 (1.5')**Lab Sample ID: 880-40472-2****Date Collected: 03/07/24 00:00****Matrix: Solid****Date Received: 03/07/24 16:34**

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	75034	03/07/24 16:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75041	03/08/24 14:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 14:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/08/24 21:13	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	75116	03/08/24 16:29	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75049	03/08/24 21:13	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	75031	03/07/24 16:52	SA	EET MID
Soluble	Analysis	300.0		1			75059	03/08/24 15:02	CH	EET MID

Client Sample ID: CS-3 (1.5')**Lab Sample ID: 880-40472-3****Date Collected: 03/07/24 00:00****Matrix: Solid****Date Received: 03/07/24 16:34**

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	75034	03/07/24 16:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75041	03/08/24 14:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 14:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/08/24 21:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	75116	03/08/24 16:29	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75049	03/08/24 21:35	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	75031	03/07/24 16:52	SA	EET MID
Soluble	Analysis	300.0		1			75059	03/08/24 15:07	CH	EET MID

Client Sample ID: CS-4 (1.5')**Lab Sample ID: 880-40472-4****Date Collected: 03/07/24 00:00****Matrix: Solid****Date Received: 03/07/24 16:34**

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	75034	03/07/24 16:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75041	03/08/24 15:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 15:19	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-4 (1.5')

Date Collected: 03/07/24 00:00

Date Received: 03/07/24 16:34

Lab Sample ID: 880-40472-4

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			75328	03/08/24 21:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	75116	03/08/24 16:29	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75049	03/08/24 21:57	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	75031	03/07/24 16:52	SA	EET MID
Soluble	Analysis	300.0		1			75059	03/08/24 15:20	CH	EET MID

Client Sample ID: CS-5 (1.5')

Date Collected: 03/07/24 00:00

Date Received: 03/07/24 16:34

Lab Sample ID: 880-40472-5

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	75034	03/07/24 16:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75041	03/08/24 15:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 15:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/08/24 22:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	75116	03/08/24 16:29	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75049	03/08/24 22:19	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	75031	03/07/24 16:52	SA	EET MID
Soluble	Analysis	300.0		1			75059	03/08/24 15:24	CH	EET MID

Client Sample ID: CS-6 (1.5')

Date Collected: 03/07/24 00:00

Date Received: 03/07/24 16:34

Lab Sample ID: 880-40472-6

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			5.05 g	5 mL	75034	03/07/24 16:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75041	03/08/24 16:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 16:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/08/24 22:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	75116	03/08/24 16:29	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75049	03/08/24 22:42	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	75031	03/07/24 16:52	SA	EET MID
Soluble	Analysis	300.0		1			75059	03/08/24 15:29	CH	EET MID

Client Sample ID: CS-7 (1.5')

Date Collected: 03/07/24 00:00

Date Received: 03/07/24 16:34

Lab Sample ID: 880-40472-7

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			4.98 g	5 mL	75034	03/07/24 16:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75041	03/08/24 16:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 16:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/08/24 23:04	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	75116	03/08/24 16:29	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75049	03/08/24 23:04	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-7 (1.5')**Lab Sample ID: 880-40472-7****Date Collected: 03/07/24 00:00****Matrix: Solid****Date Received: 03/07/24 16:34**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	75031	03/07/24 16:52	SA	EET MID
Soluble	Analysis	300.0		1			75059	03/08/24 15:33	CH	EET MID

Client Sample ID: CS-8 (1.5')**Lab Sample ID: 880-40472-8****Date Collected: 03/07/24 00:00****Matrix: Solid****Date Received: 03/07/24 16:34**

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	75034	03/07/24 16:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75041	03/08/24 17:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 17:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/08/24 23:27	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	75116	03/08/24 16:29	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75049	03/08/24 23:27	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	75031	03/07/24 16:52	SA	EET MID
Soluble	Analysis	300.0		1			75059	03/08/24 15:38	CH	EET MID

Client Sample ID: CS-9 (1.5')**Lab Sample ID: 880-40472-9****Date Collected: 03/07/24 00:00****Matrix: Solid****Date Received: 03/07/24 16:34**

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	75034	03/07/24 16:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75041	03/08/24 17:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 17:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/08/24 23:48	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	75116	03/08/24 16:29	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75049	03/08/24 23:48	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	75031	03/07/24 16:52	SA	EET MID
Soluble	Analysis	300.0		1			75059	03/08/24 15:42	CH	EET MID

Client Sample ID: CS-10 (1.5')**Lab Sample ID: 880-40472-10****Date Collected: 03/07/24 00:00****Matrix: Solid****Date Received: 03/07/24 16:34**

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	75034	03/07/24 16:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75041	03/08/24 17:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 17:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/09/24 00:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	75116	03/08/24 16:29	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75049	03/09/24 00:10	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	75031	03/07/24 16:52	SA	EET MID
Soluble	Analysis	300.0		1			75059	03/08/24 15:55	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-11 (4.5')

Lab Sample ID: 880-40472-11

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75034	03/07/24 16:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75041	03/08/24 19:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 19:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/09/24 00:55	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	75116	03/08/24 16:29	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75049	03/09/24 00:55	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	75031	03/07/24 16:52	SA	EET MID
Soluble	Analysis	300.0		1			75059	03/08/24 16:00	CH	EET MID

Client Sample ID: CS-12 (4.5')

Lab Sample ID: 880-40472-12

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75034	03/07/24 16:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75041	03/08/24 20:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 20:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/09/24 01:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	75116	03/08/24 16:29	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75049	03/09/24 01:18	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	75031	03/07/24 16:52	SA	EET MID
Soluble	Analysis	300.0		1			75059	03/08/24 16:13	CH	EET MID

Client Sample ID: CS-13 (4.5')

Lab Sample ID: 880-40472-13

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75034	03/07/24 16:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75041	03/08/24 20:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 20:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/09/24 01:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	75116	03/08/24 16:29	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75049	03/09/24 01:39	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	75031	03/07/24 16:52	SA	EET MID
Soluble	Analysis	300.0		1			75059	03/08/24 16:18	CH	EET MID

Client Sample ID: CS-14 (4.5')

Lab Sample ID: 880-40472-14

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75034	03/07/24 16:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75041	03/08/24 20:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 20:44	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-14 (4.5')

Lab Sample ID: 880-40472-14

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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			75328	03/09/24 02:01	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	75116	03/08/24 16:29	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75049	03/09/24 02:01	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	75031	03/07/24 16:52	SA	EET MID
Soluble	Analysis	300.0		1			75059	03/08/24 16:22	CH	EET MID

Client Sample ID: CS-15 (4.5')

Lab Sample ID: 880-40472-15

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75034	03/07/24 16:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75041	03/08/24 21:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 21:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/09/24 02:24	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	75116	03/08/24 16:29	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75049	03/09/24 02:24	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	75031	03/07/24 16:52	SA	EET MID
Soluble	Analysis	300.0		1			75059	03/08/24 16:27	CH	EET MID

Client Sample ID: CS-16 (4.5')

Lab Sample ID: 880-40472-16

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75034	03/07/24 16:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75041	03/08/24 21:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 21:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/09/24 02:46	SM	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	75116	03/08/24 16:29	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75049	03/09/24 02:46	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	75031	03/07/24 16:52	SA	EET MID
Soluble	Analysis	300.0		1			75059	03/08/24 16:31	CH	EET MID

Client Sample ID: CS-17 (4.5')

Lab Sample ID: 880-40472-17

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75034	03/07/24 16:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75041	03/08/24 21:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 21:46	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/09/24 03:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	75116	03/08/24 16:29	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75049	03/09/24 03:07	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-17 (4.5')

Lab Sample ID: 880-40472-17

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75031	03/07/24 16:52	SA	EET MID
Soluble	Analysis	300.0		1			75059	03/08/24 16:35	CH	EET MID

Client Sample ID: CS-18 (4.5')

Lab Sample ID: 880-40472-18

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75034	03/07/24 16:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75041	03/08/24 22:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 22:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/09/24 03:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	75116	03/08/24 16:29	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75049	03/09/24 03:30	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	75031	03/07/24 16:52	SA	EET MID
Soluble	Analysis	300.0		1			75059	03/08/24 16:40	CH	EET MID

Client Sample ID: CS-19 (4.5')

Lab Sample ID: 880-40472-19

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75034	03/07/24 16:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75041	03/08/24 22:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 22:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/09/24 03:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	75116	03/08/24 16:29	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75049	03/09/24 03:52	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	75032	03/07/24 16:55	SA	EET MID
Soluble	Analysis	300.0		1			75060	03/08/24 17:16	CH	EET MID

Client Sample ID: CS-20 (4.5')

Lab Sample ID: 880-40472-20

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75034	03/07/24 16:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75041	03/08/24 22:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 22:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/09/24 04:14	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	75116	03/08/24 16:29	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75049	03/09/24 04:14	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	75032	03/07/24 16:55	SA	EET MID
Soluble	Analysis	300.0		1			75060	03/08/24 17:29	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-21 (4.5')

Lab Sample ID: 880-40472-21

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75035	03/07/24 17:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75042	03/08/24 11:17	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 11:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/09/24 21:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	75147	03/09/24 10:07	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75142	03/09/24 21:21	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	75032	03/07/24 16:55	SA	EET MID
Soluble	Analysis	300.0		1			75060	03/08/24 17:33	CH	EET MID

Client Sample ID: CS-22 (4.5')

Lab Sample ID: 880-40472-22

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75053	03/08/24 09:41	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75041	03/09/24 02:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/09/24 02:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/09/24 22:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	75147	03/09/24 10:07	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75142	03/09/24 22:27	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	75032	03/07/24 16:55	SA	EET MID
Soluble	Analysis	300.0		1			75060	03/08/24 17:38	CH	EET MID

Client Sample ID: CS-23 (4.5')

Lab Sample ID: 880-40472-23

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75053	03/08/24 09:41	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75041	03/09/24 02:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/09/24 02:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/09/24 22:48	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	75147	03/09/24 10:07	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75142	03/09/24 22:48	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	75032	03/07/24 16:55	SA	EET MID
Soluble	Analysis	300.0		1			75060	03/08/24 17:42	CH	EET MID

Client Sample ID: CS-24 (4.5')

Lab Sample ID: 880-40472-24

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75053	03/08/24 09:41	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75041	03/09/24 03:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/09/24 03:08	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-24 (4.5')

Lab Sample ID: 880-40472-24

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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			75328	03/09/24 23:09	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	75147	03/09/24 10:07	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75142	03/09/24 23:09	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	75032	03/07/24 16:55	SA	EET MID
Soluble	Analysis	300.0		1			75060	03/08/24 17:55	CH	EET MID

Client Sample ID: CS-25 (4.5')

Lab Sample ID: 880-40472-25

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75053	03/08/24 09:41	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75041	03/09/24 03:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/09/24 03:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/09/24 23:30	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	75147	03/09/24 10:07	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75142	03/09/24 23:30	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	75032	03/07/24 16:55	SA	EET MID
Soluble	Analysis	300.0		1			75060	03/08/24 18:00	CH	EET MID

Client Sample ID: CS-26 (4.5')

Lab Sample ID: 880-40472-26

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75053	03/08/24 09:41	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75041	03/09/24 03:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/09/24 03:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/09/24 23:50	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	75147	03/09/24 10:07	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75142	03/09/24 23:50	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	75032	03/07/24 16:55	SA	EET MID
Soluble	Analysis	300.0		1			75060	03/08/24 18:04	CH	EET MID

Client Sample ID: CS-27 (4.5')

Lab Sample ID: 880-40472-27

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75035	03/07/24 17:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75042	03/08/24 13:21	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 13:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/10/24 00:11	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	75147	03/09/24 10:07	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75142	03/10/24 00:11	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-27 (4.5')

Lab Sample ID: 880-40472-27

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	75032	03/07/24 16:55	SA	EET MID
Soluble	Analysis	300.0		1			75060	03/08/24 18:09	CH	EET MID

Client Sample ID: CS-28 (4.5')

Lab Sample ID: 880-40472-28

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75035	03/07/24 17:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75042	03/08/24 13:42	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 13:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/10/24 00:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	75147	03/09/24 10:07	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75142	03/10/24 00:32	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	75032	03/07/24 16:55	SA	EET MID
Soluble	Analysis	300.0		1			75060	03/08/24 18:13	CH	EET MID

Client Sample ID: CS-29 (4.5')

Lab Sample ID: 880-40472-29

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75035	03/07/24 17:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75042	03/08/24 14:02	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 14:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/10/24 00:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	75147	03/09/24 10:07	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75142	03/10/24 00:53	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	75032	03/07/24 16:55	SA	EET MID
Soluble	Analysis	300.0		1			75060	03/08/24 18:18	CH	EET MID

Client Sample ID: CS-30 (4.5')

Lab Sample ID: 880-40472-30

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75035	03/07/24 17:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75042	03/08/24 14:23	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 14:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/10/24 01:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	75147	03/09/24 10:07	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75142	03/10/24 01:13	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	75032	03/07/24 16:55	SA	EET MID
Soluble	Analysis	300.0		1			75060	03/08/24 18:31	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-31 (3')**Lab Sample ID: 880-40472-31****Date Collected: 03/07/24 00:00****Matrix: Solid****Date Received: 03/07/24 16:34**

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	75035	03/07/24 17:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75042	03/08/24 17:00	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 17:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/10/24 01:55	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	75147	03/09/24 10:07	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75142	03/10/24 01:55	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	75032	03/07/24 16:55	SA	EET MID
Soluble	Analysis	300.0		1			75060	03/08/24 18:35	CH	EET MID

Client Sample ID: CS-32 (3')**Lab Sample ID: 880-40472-32****Date Collected: 03/07/24 00:00****Matrix: Solid****Date Received: 03/07/24 16:34**

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	75035	03/07/24 17:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75042	03/08/24 17:20	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 17:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/10/24 03:16	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	75147	03/09/24 10:07	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75142	03/10/24 03:16	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	75032	03/07/24 16:55	SA	EET MID
Soluble	Analysis	300.0		1			75060	03/08/24 18:49	CH	EET MID

Client Sample ID: CS-33 (3')**Lab Sample ID: 880-40472-33****Date Collected: 03/07/24 00:00****Matrix: Solid****Date Received: 03/07/24 16:34**

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	75035	03/07/24 17:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75042	03/08/24 17:41	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 17:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/10/24 03:36	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	75147	03/09/24 10:07	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75142	03/10/24 03:36	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	75032	03/07/24 16:55	SA	EET MID
Soluble	Analysis	300.0		1			75060	03/08/24 18:53	CH	EET MID

Client Sample ID: CS-34 (3')**Lab Sample ID: 880-40472-34****Date Collected: 03/07/24 00:00****Matrix: Solid****Date Received: 03/07/24 16:34**

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	75035	03/07/24 17:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75042	03/08/24 18:02	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 18:02	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: CS-34 (3')

Lab Sample ID: 880-40472-34

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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			75328	03/10/24 03:57	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	75147	03/09/24 10:07	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75142	03/10/24 03:57	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	75032	03/07/24 16:55	SA	EET MID
Soluble	Analysis	300.0		1			75060	03/08/24 18:57	CH	EET MID

Client Sample ID: CS-35 (3')

Lab Sample ID: 880-40472-35

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75035	03/07/24 17:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75042	03/08/24 18:22	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 18:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/10/24 04:18	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	75147	03/09/24 10:07	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75142	03/10/24 04:18	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	75032	03/07/24 16:55	SA	EET MID
Soluble	Analysis	300.0		1			75060	03/08/24 19:02	CH	EET MID

Client Sample ID: CS-36 (3')

Lab Sample ID: 880-40472-36

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75035	03/07/24 17:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75042	03/08/24 18:43	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 18:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/10/24 04:39	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	75147	03/09/24 10:07	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75142	03/10/24 04:39	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	75032	03/07/24 16:55	SA	EET MID
Soluble	Analysis	300.0		1			75060	03/08/24 19:06	CH	EET MID

Client Sample ID: SW-1 (1.5')

Lab Sample ID: 880-40472-37

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75035	03/07/24 17:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75042	03/08/24 19:03	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 19:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/10/24 05:00	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	75147	03/09/24 10:07	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75142	03/10/24 05:00	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: SW-1 (1.5')

Lab Sample ID: 880-40472-37

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	75032	03/07/24 16:55	SA	EET MID
Soluble	Analysis	300.0		1			75060	03/08/24 19:11	CH	EET MID

Client Sample ID: SW-2 (1.5')

Lab Sample ID: 880-40472-38

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75035	03/07/24 17:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75042	03/08/24 19:24	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 19:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/10/24 05:20	SM	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	75147	03/09/24 10:07	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75142	03/10/24 05:20	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	75032	03/07/24 16:55	SA	EET MID
Soluble	Analysis	300.0		1			75060	03/08/24 19:15	CH	EET MID

Client Sample ID: SW-3 (1.5')

Lab Sample ID: 880-40472-39

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75035	03/07/24 17:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75042	03/08/24 19:44	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 19:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/10/24 05:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	75147	03/09/24 10:07	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75142	03/10/24 05:41	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	75033	03/07/24 16:58	SA	EET MID
Soluble	Analysis	300.0		1			75063	03/08/24 19:51	CH	EET MID

Client Sample ID: SW-4 (3')

Lab Sample ID: 880-40472-40

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75035	03/07/24 17:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75042	03/08/24 20:05	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 20:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/10/24 06:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	75147	03/09/24 10:07	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75142	03/10/24 06:02	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	75033	03/07/24 16:58	SA	EET MID
Soluble	Analysis	300.0		1			75063	03/08/24 20:04	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: SW-5 (4.5')

Lab Sample ID: 880-40472-41

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75036	03/07/24 17:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75043	03/08/24 11:16	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 11:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/10/24 21:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	75154	03/09/24 11:48	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75169	03/10/24 21:45	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	75033	03/07/24 16:58	SA	EET MID
Soluble	Analysis	300.0		1			75063	03/08/24 20:09	CH	EET MID

Client Sample ID: SW-6 (4.5')

Lab Sample ID: 880-40472-42

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75036	03/07/24 17:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75043	03/08/24 12:59	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 12:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/10/24 22:50	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	75154	03/09/24 11:48	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75169	03/10/24 22:50	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	75033	03/07/24 16:58	SA	EET MID
Soluble	Analysis	300.0		1			75063	03/08/24 20:13	CH	EET MID

Client Sample ID: SW-7 (4.5')

Lab Sample ID: 880-40472-43

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75036	03/07/24 17:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75043	03/08/24 13:20	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 13:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/10/24 23:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	75154	03/09/24 11:48	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75169	03/10/24 23:11	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	75033	03/07/24 16:58	SA	EET MID
Soluble	Analysis	300.0		1			75063	03/08/24 20:17	CH	EET MID

Client Sample ID: SW-8 (4.5')

Lab Sample ID: 880-40472-44

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75036	03/07/24 17:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75043	03/08/24 13:41	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 13:41	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: SW-8 (4.5')

Lab Sample ID: 880-40472-44

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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			75328	03/10/24 23:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	75154	03/09/24 11:48	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75169	03/10/24 23:32	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	75033	03/07/24 16:58	SA	EET MID
Soluble	Analysis	300.0		1			75063	03/08/24 20:31	CH	EET MID

Client Sample ID: SW-9 (4.5')

Lab Sample ID: 880-40472-45

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75036	03/07/24 17:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75043	03/08/24 14:01	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 14:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/10/24 23:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	75154	03/09/24 11:48	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75169	03/10/24 23:52	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	75033	03/07/24 16:58	SA	EET MID
Soluble	Analysis	300.0		1			75063	03/08/24 20:35	CH	EET MID

Client Sample ID: SW-10 (4.5')

Lab Sample ID: 880-40472-46

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75036	03/07/24 17:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75043	03/08/24 14:22	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 14:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/11/24 00:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	75154	03/09/24 11:48	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75169	03/11/24 00:14	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	75033	03/07/24 16:58	SA	EET MID
Soluble	Analysis	300.0		1			75063	03/08/24 20:40	CH	EET MID

Client Sample ID: SW-11 (4.5')

Lab Sample ID: 880-40472-47

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75036	03/07/24 17:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75043	03/08/24 16:32	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 16:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/11/24 00:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	75154	03/09/24 11:48	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75169	03/11/24 00:34	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: SW-11 (4.5')

Lab Sample ID: 880-40472-47

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75033	03/07/24 16:58	SA	EET MID
Soluble	Analysis	300.0		1			75063	03/08/24 20:44	CH	EET MID

Client Sample ID: SW-12 (4.5')

Lab Sample ID: 880-40472-48

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75036	03/07/24 17:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75043	03/08/24 16:53	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 16:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/11/24 00:55	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	75154	03/09/24 11:48	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75169	03/11/24 00:55	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	75033	03/07/24 16:58	SA	EET MID
Soluble	Analysis	300.0		1			75063	03/08/24 20:49	CH	EET MID

Client Sample ID: SW-13 (4.5')

Lab Sample ID: 880-40472-49

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75036	03/07/24 17:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75043	03/08/24 17:14	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 17:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/11/24 01:16	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	75154	03/09/24 11:48	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75169	03/11/24 01:16	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	75033	03/07/24 16:58	SA	EET MID
Soluble	Analysis	300.0		1			75063	03/08/24 20:53	CH	EET MID

Client Sample ID: SW-14 (1.5')

Lab Sample ID: 880-40472-50

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75036	03/07/24 17:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75043	03/08/24 17:34	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 17:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/11/24 01:36	SM	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	75154	03/09/24 11:48	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75169	03/11/24 01:36	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	75033	03/07/24 16:58	SA	EET MID
Soluble	Analysis	300.0		1			75063	03/08/24 21:06	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: SW-15 (3')
Date Collected: 03/07/24 00:00
Date Received: 03/07/24 16:34

Lab Sample ID: 880-40472-51
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			5.00 g	5 mL	75036	03/07/24 17:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75043	03/08/24 17:55	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 17:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/11/24 02:18	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	75154	03/09/24 11:48	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75169	03/11/24 02:18	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	75033	03/07/24 16:58	SA	EET MID
Soluble	Analysis	300.0		1			75063	03/08/24 21:11	CH	EET MID

Client Sample ID: SW-16 (3')
Date Collected: 03/07/24 00:00
Date Received: 03/07/24 16:34

Lab Sample ID: 880-40472-52
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	75036	03/07/24 17:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75043	03/08/24 18:15	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 18:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/11/24 02:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	75154	03/09/24 11:48	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75169	03/11/24 02:39	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	75033	03/07/24 16:58	SA	EET MID
Soluble	Analysis	300.0		1			75063	03/08/24 21:24	CH	EET MID

Client Sample ID: SW-17 (3')
Date Collected: 03/07/24 00:00
Date Received: 03/07/24 16:34

Lab Sample ID: 880-40472-53
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	75036	03/07/24 17:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75043	03/08/24 18:36	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 18:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/11/24 02:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	75154	03/09/24 11:48	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75169	03/11/24 02:59	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	75033	03/07/24 16:58	SA	EET MID
Soluble	Analysis	300.0		1			75063	03/08/24 21:28	CH	EET MID

Client Sample ID: SW-18 (3')
Date Collected: 03/07/24 00:00
Date Received: 03/07/24 16:34

Lab Sample ID: 880-40472-54
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	75036	03/07/24 17:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75043	03/08/24 18:57	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 18:57	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Client Sample ID: SW-18 (3')

Lab Sample ID: 880-40472-54

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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			75328	03/11/24 03:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	75154	03/09/24 11:48	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75169	03/11/24 03:21	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	75033	03/07/24 16:58	SA	EET MID
Soluble	Analysis	300.0		1			75063	03/08/24 21:33	CH	EET MID

Client Sample ID: SW-19 (3')

Lab Sample ID: 880-40472-55

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75036	03/07/24 17:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75043	03/08/24 19:18	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 19:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/11/24 03:41	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	75154	03/09/24 11:48	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75169	03/11/24 03:41	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	75033	03/07/24 16:58	SA	EET MID
Soluble	Analysis	300.0		1			75063	03/08/24 21:37	CH	EET MID

Client Sample ID: SW-20 (3')

Lab Sample ID: 880-40472-56

Date Collected: 03/07/24 00:00

Matrix: Solid

Date Received: 03/07/24 16:34

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	75036	03/07/24 17:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75043	03/08/24 19:38	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75125	03/08/24 19:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			75328	03/11/24 04:02	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	75154	03/09/24 11:48	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75169	03/11/24 04:02	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	75033	03/07/24 16:58	SA	EET MID
Soluble	Analysis	300.0		1			75063	03/08/24 21:42	CH	EET MID

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

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	T104704400-23-26	06-30-24
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: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

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: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-40472-1	CS-1 (1.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-2	CS-2 (1.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-3	CS-3 (1.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-4	CS-4 (1.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-5	CS-5 (1.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-6	CS-6 (1.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-7	CS-7 (1.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-8	CS-8 (1.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-9	CS-9 (1.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-10	CS-10 (1.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-11	CS-11 (4.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-12	CS-12 (4.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-13	CS-13 (4.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-14	CS-14 (4.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-15	CS-15 (4.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-16	CS-16 (4.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-17	CS-17 (4.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-18	CS-18 (4.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-19	CS-19 (4.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-20	CS-20 (4.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-21	CS-21 (4.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-22	CS-22 (4.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-23	CS-23 (4.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-24	CS-24 (4.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-25	CS-25 (4.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-26	CS-26 (4.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-27	CS-27 (4.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-28	CS-28 (4.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-29	CS-29 (4.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-30	CS-30 (4.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-31	CS-31 (3')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-32	CS-32 (3')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-33	CS-33 (3')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-34	CS-34 (3')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-35	CS-35 (3')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-36	CS-36 (3')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-37	SW-1 (1.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-38	SW-2 (1.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-39	SW-3 (1.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-40	SW-4 (3')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-41	SW-5 (4.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-42	SW-6 (4.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-43	SW-7 (4.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-44	SW-8 (4.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-45	SW-9 (4.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-46	SW-10 (4.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-47	SW-11 (4.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-48	SW-12 (4.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-49	SW-13 (4.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-50	SW-14 (1.5')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-51	SW-15 (3')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-52	SW-16 (3')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-53	SW-17 (3')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-54	SW-18 (3')	Solid	03/07/24 00:00	03/07/24 16:34

Sample Summary

Client: Carmona Resources
Project/Site: Denton Battery (11.07.23)

Job ID: 880-40472-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-40472-55	SW-19 (3')	Solid	03/07/24 00:00	03/07/24 16:34
880-40472-56	SW-20 (3')	Solid	03/07/24 00:00	03/07/24 16:34

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Work Order No: 40472

3/11/2024

Page 1 of 6

Project Manager	Conner Moehring	Bill to: (if different)	Grant Huckabee & Addison Guekler
Company Name	Carmona Resources	Company Name	Faiken Oil and Ranch
Address	310 W Wall St Ste 415	Address	6101 Holiday Hill Road
City State ZIP	Midland, TX 79701	City State ZIP	Midland Texas 79707
Phone	432-813-6823	Email	GrantH@forl.com & addisoq@forl.com

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 Name	Denton Battery (11.07 23)	Turn Around	☐ Routine ☒ Rush	Pres. Code		ANALYSIS REQUEST										Preservative Codes		
Project Number	2196															None NO	DI Water H ₂ O	
Project Location	Lea County, New Mexico	Due Date	24 hours													Cool Cool	MeOH Me	
Sampler's Name	CRM & FV															HCL HC	HNO ₃ HN	
PO #																H ₂ SO ₄ H ₂	NaOH Na	
SAMPLE RECEIPT	Temp Blank	Yes No	Wet Ice	Yes No												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-1 (1.5')	3/7/2024		X		C	1	X	X	X									
CS-2 (1.5')	3/7/2024		X		C	1	X	X	X									
CS-3 (1.5')	3/7/2024		X		C	1	X	X	X									
CS-4 (1.5')	3/7/2024		X		C	1	X	X	X									
CS-5 (1.5')	3/7/2024		X		C	1	X	X	X									
CS-6 (1.5')	3/7/2024		X		C	1	X	X	X									
CS-7 (1.5')	3/7/2024		X		C	1	X	X	X									
CS-8 (1.5')	3/7/2024		X		C	1	X	X	X									
CS-9 (1.5')	3/7/2024		X		C	1	X	X	X									
CS-10 (1.5')	3/7/2024		X		C	1	X	X	X									



880-40472 Chain of Custody

Comments:

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
<i>Conner Moehring</i>	3/7/24	<i>[Signature]</i>	1034

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Project Manager		Conner Moehring		Bill to (if different)		Grant Huckabee & Addison Guekler	
Company Name		Carmona Resources		Company Name		Fasken Oil and Ranch	
Address		310 W Wall St Ste 415		Address		6101 Holiday Hill Road	
City, State ZIP		Midland, TX 79701		City, State ZIP		Midland, Texas 79707	
Phone		432-813-6823		Email		GrantH@for.com & addisog@for.com	

Project Name:		Denton Battery (1,07 23)		Turn Around		Press. Code		ANALYSIS REQUEST												Preservative Codes			
Project Number		2196		☐ Routine ☒ Rush																		None NO DI Water H ₂ O	
Project Location		Lea County, New Mexico		Due Date		24hrs																Cool Cool MeOH Me	
Sampler's Name		CRM & FV																				HCL HC HNO ₃ HN	
PO #																						H ₂ SO ₄ H ₂ NaOH Na	
SAMPLE RECEIPT		Temp Blank:		Yes No		Well Ice		Yes No														H ₃ PO ₄ HP	
Received Intact:		Yes No		Thermometer ID																		NaHSO ₄ NABIS	
Cooler Custody Seals		Yes No N/A		Correction Factor																		Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals:		Yes No N/A		Temperature Reading																		Zn Acetate+NaOH Zn	
Total Containers:				Corrected Temperature																		NaOH+Ascorbic Acid SAPC	

Sample Identification		Date		Time		Soil		Water		Grab/ Comp		# of Cont		Parameters												Sample Comments	
CS-11 (4.5')		3/7/2024				X				C		1		BTX 8021B													
CS-12 (4.5')		3/7/2024				X				C		1		TPH 8015M (GRO + DRO + MRO)													
CS-13 (4.5')		3/7/2024				X				C		1		Chloride 300 0													
CS-14 (4.5')		3/7/2024				X				C		1															
CS-15 (4.5')		3/7/2024				X				C		1															
CS-16 (4.5')		3/7/2024				X				C		1															
CS-17 (4.5')		3/7/2024				X				C		1															
CS-18 (4.5')		3/7/2024				X				C		1															
CS-19 (4.5')		3/7/2024				X				C		1															
CS-20 (4.5')		3/7/2024				X				C		1															

Comments:

Relinquished by (Signature)		Date/Time		Received by (Signature)		Date/Time	
		3/7/2024				1639	

Work Order No: 40472

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Work Order No: 40472

Page 3 of 6

Project Manager		Conner Moehring		Bill to (if different)		Grant Huckabee & Addison Guekler	
Company Name		Camona Resources		Company Name		Fasken Oil and Ranch	
Address		310 W Wall St Ste 415		Address		6101 Holiday Hill Road	
City, State ZIP		Midland, TX 79701		City, State ZIP		Midland, Texas 79707	
Phone:		432-813-6823		Email		GrantH@foi.com & addisoq@foi.com	
Project Name:		Denton Battery (11 07 23)		Turn Around		ANALYSIS REQUEST	
Project Number		2196		☐ Routine ☒ Rush		Pres. Code	
Project Location		Lea County, New Mexico		Due Date		24 hrs.	
Sampler's Name:		CRM & FV					
PO #:							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice: Yes No	
Received In tact:		Yes No		Thermometer ID			
Cooler Custody Seals		Yes No N/A		Correction Factor			
Sample Custody Seals		Yes No N/A		Temperature Reading			
Total Containers:				Corrected Temperature:			
Sample Identification		Date		Time		Soil	
CS-21 (4.5')		3/7/2024				X	
CS-22 (4.5')		3/7/2024				X	
CS-23 (4.5')		3/7/2024				X	
CS-24 (4.5')		3/7/2024				X	
CS-25 (4.5')		3/7/2024				X	
CS-26 (4.5')		3/7/2024				X	
CS-27 (4.5')		3/7/2024				X	
CS-28 (4.5')		3/7/2024				X	
CS-29 (4.5')		3/7/2024				X	
CS-30 (4.5')		3/7/2024				X	
Comments:							
Relinquished by: (Signature)		Date/Time		3/7/24		1634	
Received by: (Signature)		Date/Time					

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADAPT ☐ Other

None: NO	DI Water H ₂ O
Cool Cool	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

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 ☐

Work Order No: 40472

3/11/2024

Project Name:				Denton Battery (11 07 23)				Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:				2196				☐ Routine ☒ Rush																None NO DI Water- H ₂ O							
Project Location				Lea County, New Mexico				Due Date				24 hrs.																Cool Cool MeOH Me HCL HC HNO ₃ HN H ₂ SO ₄ H ₂ NaOH Na			
Sampler's Name:				CRM & FV																				H ₃ PO ₄ HP NaHSO ₄ NABIS Na ₂ S ₂ O ₃ NaSO ₃ Zn Acetate+NaOH Zn NaOH+Ascorbic Acid SAPC							
PO #:																															
SAMPLE RECEIPT				Temp Blank:		Yes No		Thermometer ID		Wet Ice:		Yes No		Parameters																	
Received Intact:				Yes No										BTEX 8021B																	
Cooler Custody Seals				Yes No N/A				Correction Factor						TPH 8015M (GRO + DRO + MRO)																	
Sample Custody Seals				Yes No N/A				Temperature Reading						Chloride 300 0																	
Total Containers:								Corrected Temperature.																							
Sample Identification				Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments			
CS-31 (3')				3/7/2024				X				C		1		X X X X															
CS-32 (3')				3/7/2024				X				C		1		X X X X															
CS-33 (3')				3/7/2024				X				C		1		X X X X															
CS-34 (3')				3/7/2024				X				C		1		X X X X															
CS-35 (3')				3/7/2024				X				C		1		X X X X															
CS-36 (3')				3/7/2024				X				C		1		X X X X															
SW-1 (1.5')				3/7/2024				X				C		1		X X X X															
SW-2 (1.5')				3/7/2024				X				C		1		X X X X															
SW-3 (1.5')				3/7/2024				X				C		1		X X X X															
SW-4 (3')				3/7/2024				X				C		1		X X X X															

Comments:

Relinquished by (Signature)		Date/Time	Received by (Signature)		Date/Time
		3/7/24 1634			

Work Order Comments	
Program: UST/ST ☐ RRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ P-ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other	

Comments

3/11/2024

Project Manager	Conner Moehring	Bill to: (if different)	Grant Huckabay & Addison Guekler
Company Name	Carmona Resources	Company Name	Fasken Oil and Ranch
Address:	310 W Wall St Ste 415	Address:	6101 Holiday Hill Road
City State ZIP	Midland, TX 79701	City State ZIP	Midland, Texas 79707
Phone:	432-813-6823	Email	Grantin@ford.com & addison@ford.com

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

Work Order No: 40472

3/11/2024

[illegible]

Comments:

[illegible]

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-40472-1

SDG Number: Lea County, New Mexico

Login Number: 40472

List Number: 1

List Source: Eurofins Midland

Creator: Rodriguez, Leticia

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	

APPENDIX F

CARMONA RESOURCES



Soil Map—Lea County, New Mexico



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

3/26/2024
Page 1 of 3

Soil Map—Lea County, New Mexico

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 20, Sep 6, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 5, 2021—Feb 8, 2021

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Kh	Kimbrough-Lea complex, 0 to 3 percent slopes	0.3	100.0%
Totals for Area of Interest		0.3	100.0%

Map Unit Description: Kimbrough-Lea complex, 0 to 3 percent slopes---Lea County, New Mexico

Lea County, New Mexico

Kh—Kimbrough-Lea complex, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 2tw45

Elevation: 2,500 to 4,800 feet

Mean annual precipitation: 14 to 16 inches

Mean annual air temperature: 57 to 63 degrees F

Frost-free period: 180 to 220 days

Farmland classification: Not prime farmland

Map Unit Composition

Kimbrough and similar soils: 50 percent

Lea and similar soils: 35 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Kimbrough

Setting

Landform: Playa rims, plains

Down-slope shape: Convex, linear

Across-slope shape: Concave, linear

Parent material: Loamy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 3 inches: gravelly loam

Bw - 3 to 10 inches: loam

Bkkm1 - 10 to 16 inches: cemented material

Bkkm2 - 16 to 80 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 4 to 18 inches to petrocalcic

Drainage class: Well drained

Runoff class: Very high

Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.01 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 95 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Very low (about 1.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Map Unit Description: Kimbrough-Lea complex, 0 to 3 percent slopes---Lea County, New Mexico

Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: D
Ecological site: R077DY049TX - Very Shallow 12-17" PZ
Hydric soil rating: No

Description of Lea

Setting

Landform: Plains
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Calcareous, loamy eolian deposits from the blackwater draw formation of pleistocene age over indurated caliche of pliocene age

Typical profile

A - 0 to 10 inches: loam
Bk - 10 to 18 inches: loam
Bkk - 18 to 26 inches: gravelly fine sandy loam
Bkkm - 26 to 80 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 22 to 30 inches to petrocalcic
Drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 90 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 3.0
Available water supply, 0 to 60 inches: Very low (about 2.9 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: D
Ecological site: R077DY047TX - Sandy Loam 12-17" PZ
Hydric soil rating: No

Minor Components

Douro

Percent of map unit: 6 percent
Landform: Plains
Down-slope shape: Linear
Across-slope shape: Linear
Ecological site: R077DY047TX - Sandy Loam 12-17" PZ
Other vegetative classification: Unnamed (G077DH000TX)
Hydric soil rating: No

Map Unit Description: Kimbrough-Lea complex, 0 to 3 percent slopes---Lea County, New Mexico

Kenhill

Percent of map unit: 6 percent

Landform: Plains

Down-slope shape: Linear

Across-slope shape: Linear

Ecological site: R077DY038TX - Clay Loam 12-17" PZ

Hydric soil rating: No

Spraberry

Percent of map unit: 3 percent

Landform: Playa rims, plains

Down-slope shape: Convex, linear

Across-slope shape: Linear

Ecological site: R077DY049TX - Very Shallow 12-17" PZ

Other vegetative classification: Unnamed (G077DH000TX)

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 20, Sep 6, 2023



☀ 96°E (T) ● 31.997505°, -102.078048° ±114ft ▲ 2789ft

Bamert Seed Company Inc.

1897 CR 1018 Muleshoe, TX 79347

(800) 262-9892

Permit # TX00905

Blue Grama & Sideoats

Lot/Sales # SO-81526

Kind & Variety	Pure Seed	Germ	Dormant	Hard Seed	Origin
Grama, Blue (<i>Bouteloua gracilis</i>)	47.52%	97.00%	1.00%	0.00%	NM
Grama, Sideoats "Vaughn" (<i>Bouteloua curtipendula</i>)	30.00%	90.00%	4.00%	0.00%	TX
Purity: 77.52%		Inert Matter: 21.42%		Other Crop Seed: 0.69%	
Noxious Weed Seed Per/Lb: None		Test Date: 03/2024		Weed Seed: 0.37%	
				Net Wt: 15 lbs	

Mar 21 2024, 2:49:42 PM

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
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 352607

QUESTIONS

Operator: FASKEN OIL & RANCH LTD 6101 Holiday Hill Rd Midland, TX 79707	OGRID: 151416
	Action Number: 352607
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2331253847
Incident Name	NAPP2331253847 DENTON BATTERY @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	DENTON BATTERY
Date Release Discovered	11/07/2023
Surface Owner	Private

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
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	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Other (Specify) Produced Water Released: 900 BBL Recovered: 850 BBL Lost: 50 BBL.
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)	water transfer line was the source

District I
1625 N. French Dr., Hobbs, NM 88240
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QUESTIONS, Page 2

Action 352607

QUESTIONS (continued)

Operator: FASKEN OIL & RANCH LTD 6101 Holiday Hill Rd Midland, TX 79707	OGRID: 151416
	Action Number: 352607
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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: Addison Long Email: addisonl@forl.com Date: 06/10/2024
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QUESTIONS, Page 3

Action 352607

QUESTIONS (continued)

Operator: FASKEN OIL & RANCH LTD 6101 Holiday Hill Rd Midland, TX 79707	OGRID:	151416
	Action Number:	352607
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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)	Between 51 and 75 (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	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 500 and 1000 (ft.)
Any other fresh water well or spring	Greater than 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	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (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)	4540
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	352
GRO+DRO	(EPA SW-846 Method 8015M)	352
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
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	02/28/2024
On what date will (or did) the final sampling or liner inspection occur	03/07/2024
On what date will (or was) the remediation complete(d)	03/07/2024
What is the estimated surface area (in square feet) that will be reclaimed	7120
What is the estimated volume (in cubic yards) that will be reclaimed	1049
What is the estimated surface area (in square feet) that will be remediated	7120
What is the estimated volume (in cubic yards) that will be remediated	1049

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 352607

QUESTIONS (continued)

Operator: FASKEN OIL & RANCH LTD 6101 Holiday Hill Rd Midland, TX 79707	OGRID:
	151416
	Action Number:
	352607
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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:	
<i>(Select all answers below that apply.)</i>	
(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	Sundance Services, Inc [fKJ1600527371]
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)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	"Assessment samples on pad were all below remediation requirements set place in Table 1 19.15.29.12 due to groundwater being >50'. Remediation took place in the pasture and all confirmation samples were below standards set in Table 1 19.15.29.12."
<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: Addison Long Email: addisonl@forl.com Date: 06/10/2024
<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 352607

QUESTIONS (continued)

Operator: FASKEN OIL & RANCH LTD 6101 Holiday Hill Rd Midland, TX 79707	OGRID:	151416
	Action Number:	352607
	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

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 352607

QUESTIONS (continued)

Operator: FASKEN OIL & RANCH LTD 6101 Holiday Hill Rd Midland, TX 79707	OGRID: 151416
	Action Number: 352607
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	320354
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/07/2024
What was the (estimated) number of samples that were to be gathered	59
What was the sampling surface area in square feet	7645

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	7120
What was the total volume (cubic yards) remediated	1049
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	7120
What was the total volume (in cubic yards) reclaimed	1049
Summarize any additional remediation activities not included by answers (above)	"Assessment samples on pad were all below remediation requirements set place in Table 1 19.15.29.12 due to groundwater being >50'. Remediation took place in the pasture and all confirmation samples were below standards set in Table 1 19.15.29.12."

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: Addison Long Email: addisonl@forl.com Date: 06/10/2024
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QUESTIONS, Page 7

Action 352607

QUESTIONS (continued)

Operator: FASKEN OIL & RANCH LTD 6101 Holiday Hill Rd Midland, TX 79707	OGRID: 151416
	Action Number: 352607
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 352607

CONDITIONS

Operator: FASKEN OIL & RANCH LTD 6101 Holiday Hill Rd Midland, TX 79707	OGRID:
	151416
	Action Number:
	352607
Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	Remediation has met 19.15.29 NMAC requirements. Soil impacts exceeding the reclamation standards have been left in place and are required to meet 19.15.29.13D (1) NMAC once the site is no longer reasonably needed for production or subsequent drilling operations. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	6/28/2024
scott.rodgers	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the 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; and a revegetation plan.	6/28/2024