CARMONA RESOURCES

SITE INFORMATION

Closure Report
Crazy Goat CTB (10.27.2025)
Incident ID: nAPP2530147707
Lea County, New Mexico
Unit P, S14, T22S, R34E
32.386469°, -103.435428°

Crude Oil & Produced Water Release
Point of Release: Firetube Gasket Failure on Heater Treater
Release Date: 10.27.2025
Volume Released: 28 Barrels of Crude Oil & 28 Barrels of Produced Water
Volume Recovered: 25 Barrels of Crude Oil & 25 Barrels of Produced Water

CARMONA RESOURCES

Prepared for:
BTA Oil Producers, LLC
104 S Pecos St.
Midland, Texas 79701

Prepared by:
Carmona Resources, LLC
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CARMONA RESOURCES

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March 10, 2026

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

Re: **Closure Report**
Crazy Goat CTB (10.27.2025)
Incident ID: nAPP2530147707
BTA Oil Producers, LLC
Site Location: Unit P, S14, T22S, R34E
32.386469°. -103.435428°
Lea County, New Mexico

To whom it may concern:

On behalf of BTA Oil Producers, LLC (BTA), Carmona Resources LLC has prepared this letter to document the remediation activities for the Crazy Goat CTB release. The site is located at 32.386469°, -103.435428° within Unit P, S14, T22S, R34E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the Notification of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on October 27, 2025, due to the firetube gasket failing on the heater treater. It resulted in approximately twenty-eight (28) barrels of crude oil and twenty-eight (28) barrels of produced water being released, with twenty-five (25) barrels of crude oil and twenty-five (25) barrels of produced water recovered. The spill boundaries are shown in Figure 3. The Notification of Release and Initial C-141 forms are 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 is one (1) known water source within a 0.50-mile radius of the location. The nearest well is approximately 0.22 miles South of the site in S34, T22S, R34E, and was drilled in 2019. The well was drilled to a depth of 294 feet below the ground surface (ft bgs) and has a reported depth to water of 31 ft bgs. A copy of the well log 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 and remediating the site.

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

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4.0 Site Assessment Activities

Initial Assessment

On November 10, 2025, Carmona Resources personnel performed site assessment activities via hand auger to evaluate soil impacts stemming from the release. A total of three (3) sample points (S-1 through S-3) and six (6) horizontal samples (H-1 through H-6) were installed to total depths ranging from surface to 3.0 ft bgs inside and surrounding the release area. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Labs in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and Chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

Vertical Delineation

Due to dense lithology, vertical delineation was not achieved in all areas for Benzene, total BTEX, TPH, and Chloride concentrations. The excavated areas continued vertically until composite floor samples were below regulatory criteria established in 19.15.29.12 NMAC. Refer to Table 1.

Horizontal Delineation

Horizontal delineation was achieved in all areas for Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 1.

5.0 Remediation Activities

Initial Remediation

Beginning on December 2, 2025, Carmona Resources personnel were onsite to oversee the remediation activities and collect confirmation samples. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on November 26, 2025, and December 9, 2025, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The area was excavated to depths ranging from 3.0 ft bgs to 5.25 ft bgs. A total of sixteen (16) confirmation floor samples (CS-1 through CS-16) and twenty-four (24) sidewall samples (SW-1 through SW-24) were collected every 200 square feet to ensure the proper removal of the contaminated soil. For chemical analysis, the soil samples were collected and placed into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and Chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

All final confirmation and sidewall samples were below the regulatory requirements for TPH, BTEX, and Chloride. Refer to Table 2. The excavation depths and complete confirmation sample locations for both remediation events are shown in Figures 4A and 4B.

Remediation activities were temporarily paused during the holiday season. At the client's request, the excavation was backfilled to prevent leaving a large open excavation and to allow the facility to maintain operations during the holiday period. Remediation activities resumed once normal operations returned.

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Secondary Remediation

Beginning on February 16, 2025, Carmona Resources personnel were onsite to continue overseeing the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on February 11, 2026, and February 24, 2026, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The area was excavated to depths ranging from 5.0 ft bgs to 5.25 ft bgs. A total of sixteen (16) confirmation floor samples (CS-17 through CS-32) and twelve (12) sidewall samples (SW-11, SW-14, SW-21, SW-22, and SW-24 through SW-31) were collected every 200 square feet to ensure the proper removal of the contaminated soil. For chemical analysis, the soil samples were collected and placed into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico, and Eurofins Laboratories in Midland, Texas. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and Chloride by EPA method 4500 and 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

To verify the excavation limits after remediation activities resumed, sidewall samples SW-11, SW-14, SW-21, SW-22, and SW-24 were re-collected from the same locations and depths to confirm conditions within the previously excavated area. See Figure 4B. Refer to Table 2.

All final confirmation and sidewall samples were below the regulatory requirements for TPH, BTEX, and Chloride. Refer to Table 2. The excavation depths and complete confirmation sample locations for both remediation events are shown in Figures 4A and 4B.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. A composite sample of the backfill material was collected for laboratory analysis on December 11, 2025, before being utilized. The backfill material was sourced from a nearby caliche pit located at 32.371453°, -103.440742°. Refer to Table 2. Approximately 5,996 square feet of contamination was remediated, resulting in 1,620 cubic yards of material being excavated and transported off site for proper disposal.

6.0 Conclusions

Based on the assessment and analytical data, no further actions are required at the site. BTA formally requests the closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-8988.

Sincerely,
Carmona Resources, LLC

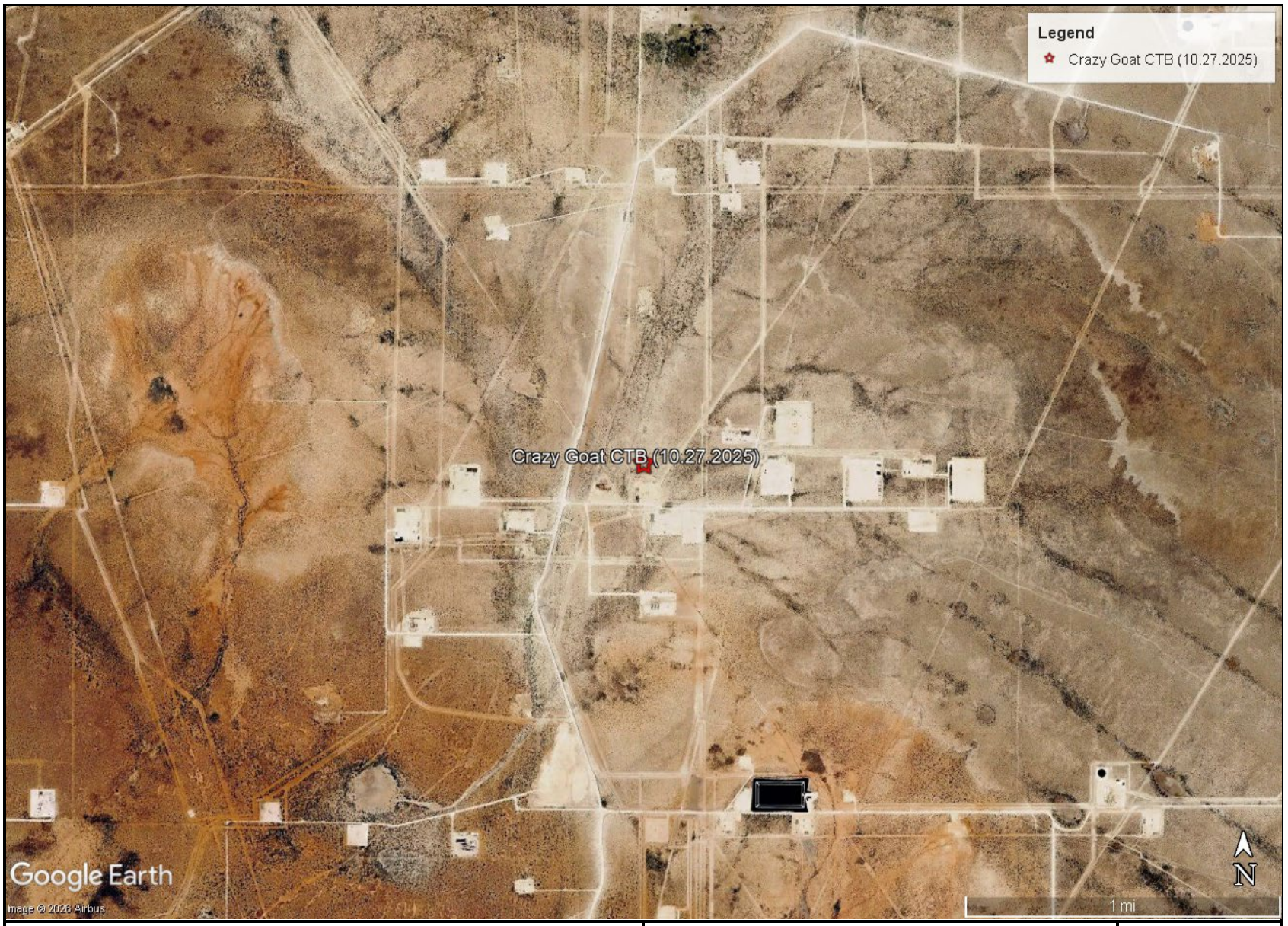
Ashton Thielke
Director of Operations

Gilbert Priego
Project Manager

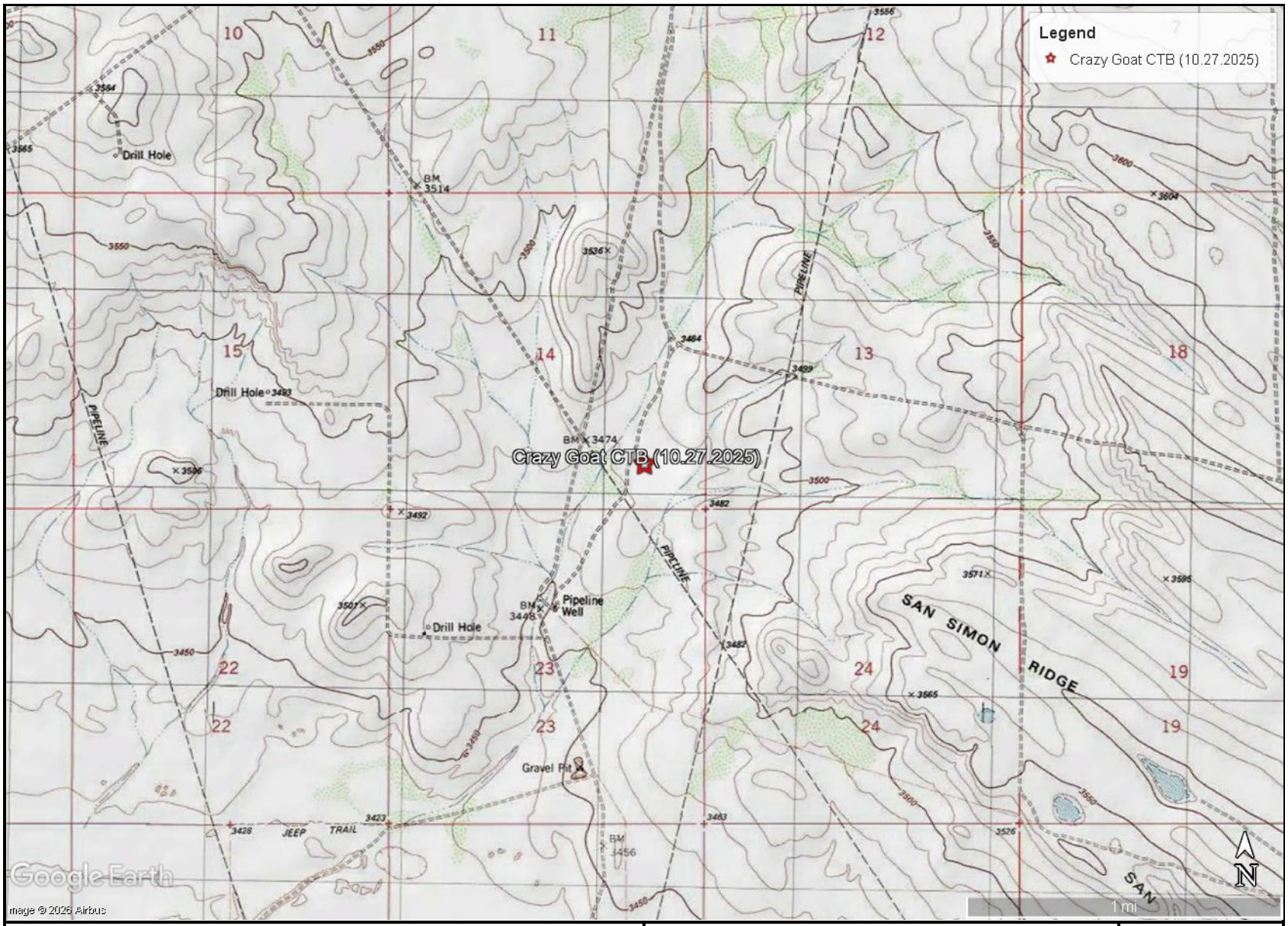
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FIGURES

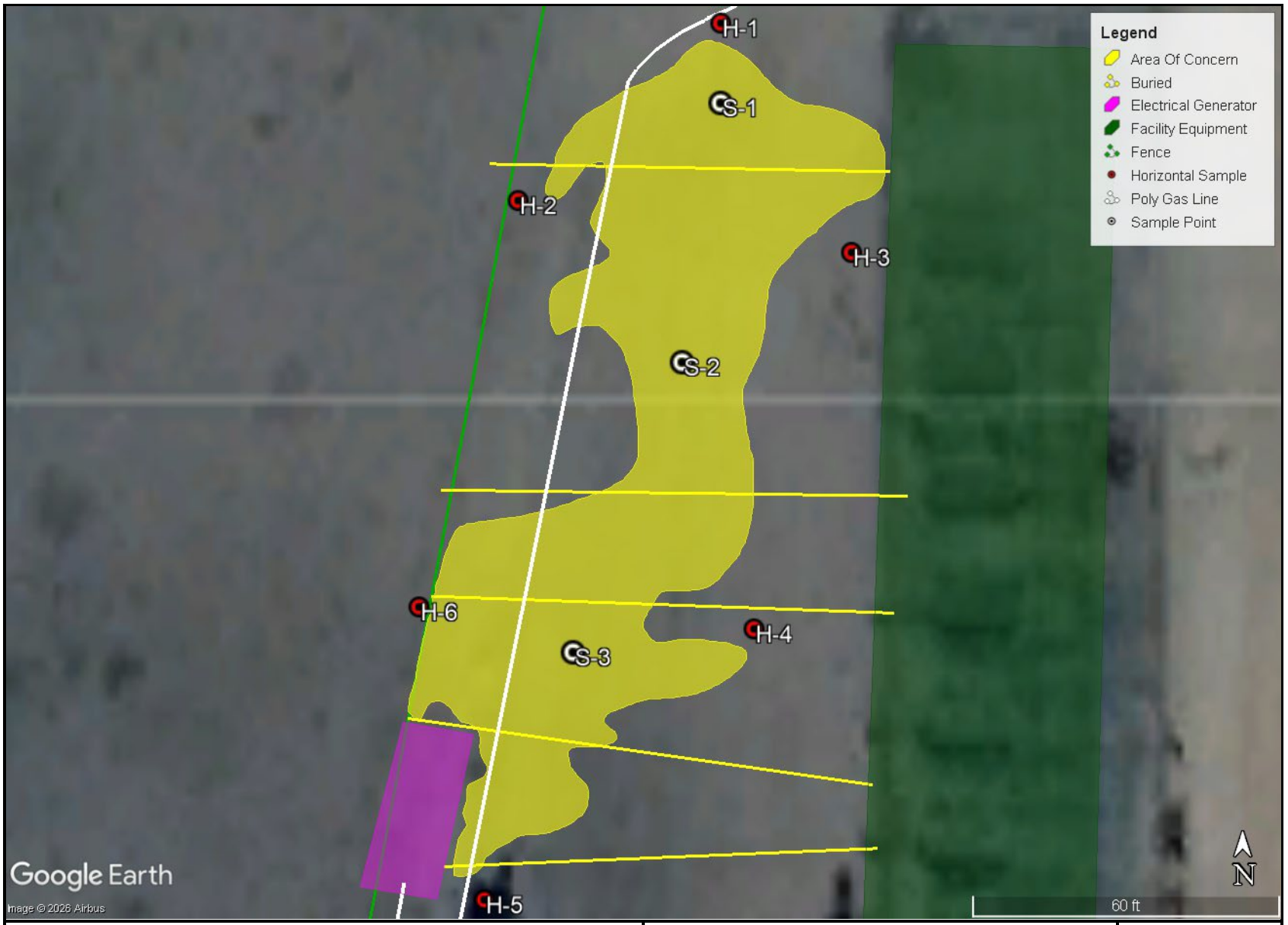
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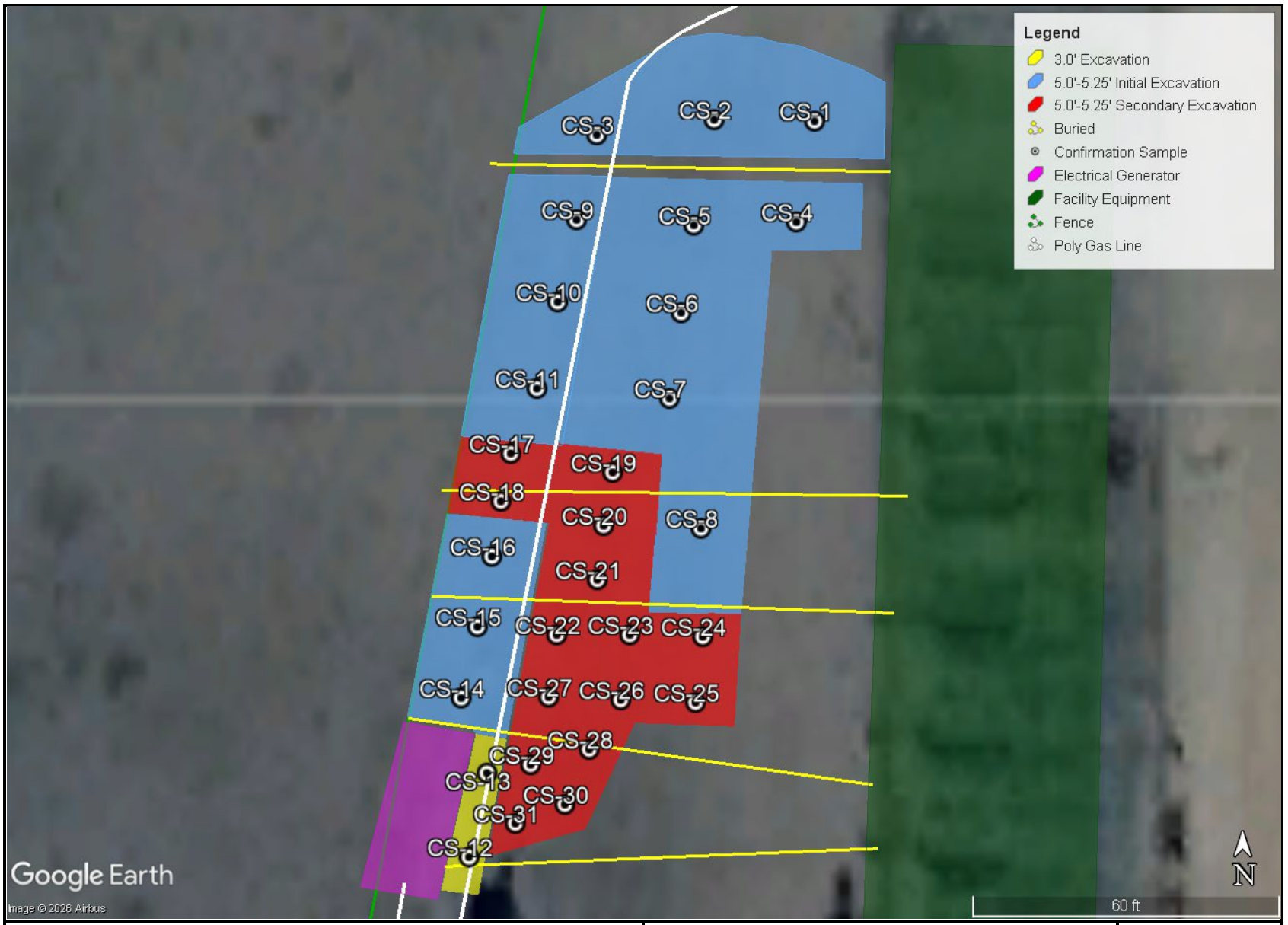
OVERVIEW MAP BTA OIL PRODUCERS, LLC CRAZY GOAT CTB (10.27.2025) LEA COUNTY, NEW MEXICO 32.386469 °, -103.435428°	CARMONA RESOURCES	FIGURE 1



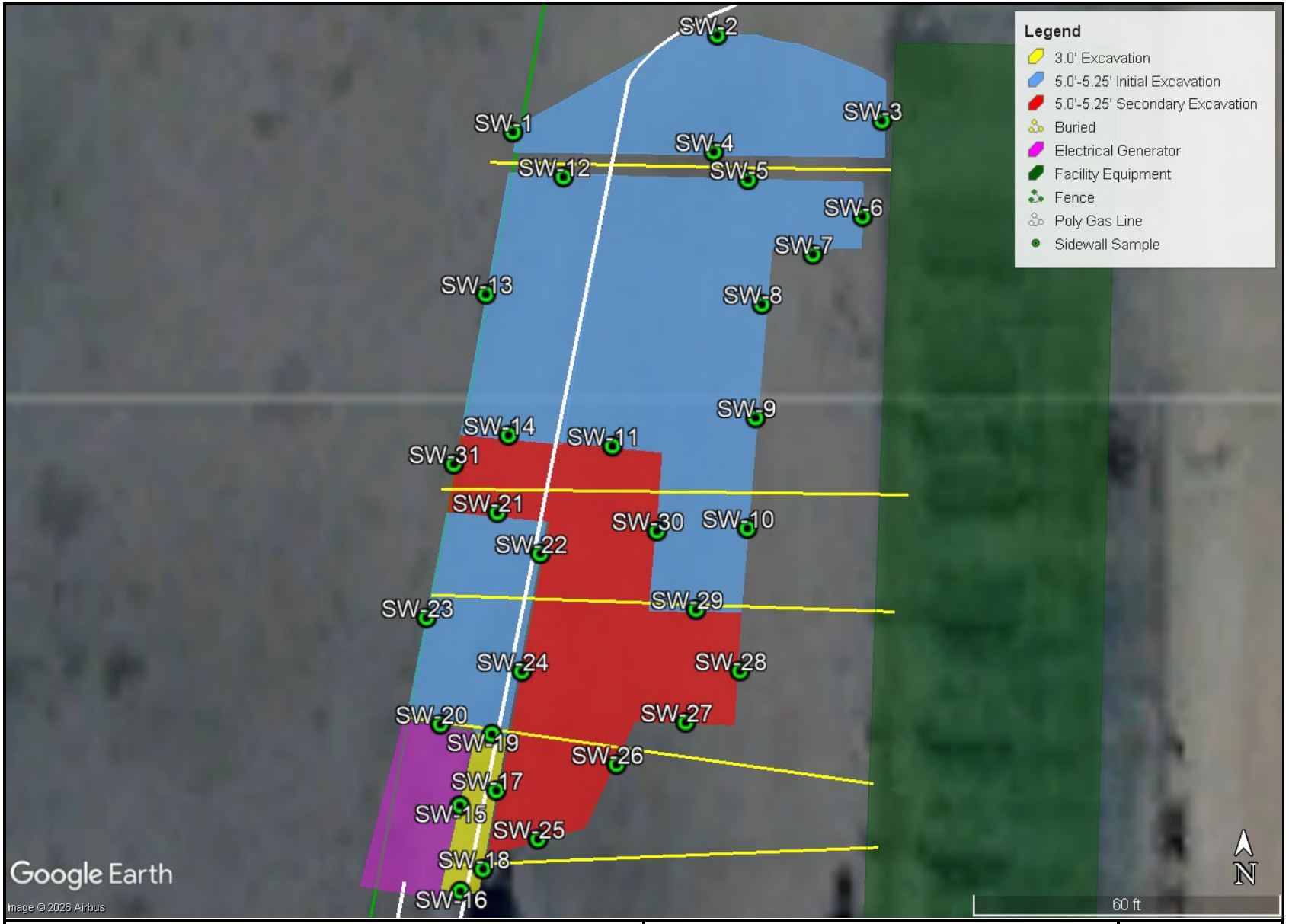
TOPOGRAPHIC MAP BTA OIL PRODUCERS, LLC CRAZY GOAT CTB (10.27.2025) LEA COUNTY, NEW MEXICO 32.386469 °, -103.435428°	CARMONA RESOURCES	FIGURE 2



SAMPLE LOCATION MAP BTA OIL PRODUCERS, LLC CRAZY GOAT CTB (10.27.2025) LEA COUNTY, NEW MEXICO 32.386469 °, -103.435428°	CARMONA RESOURCES	FIGURE 3



EXCAVATION DEPTH MAP BTA OIL PRODUCERS, LLC CRAZY GOAT CTB (10.27.2025) LEA COUNTY, NEW MEXICO 32.386469 °, -103.435428°	CARMONA RESOURCES	FIGURE 4A



EXCAVATION DEPTH MAP BTA OIL PRODUCERS, LLC CRAZY GOAT CTB (10.27.2025) LEA COUNTY, NEW MEXICO 32.386469 °, -103.435428°	CARMONA RESOURCES	FIGURE 4B

APPENDIX A

CARMONA RESOURCES



Table 1
BTA Oil Producers, LLC
Crazy Goat CTB (10.27.2025)
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						
S-1	11/10/2025	0-1'	26.0	**638**	**280**	**944**	<0.050	<0.050	0.131	0.565	0.741	**6,300**
	"	1.5'	<10.0	50.8	18.1	68.9	<0.050	<0.050	<0.050	<0.150	<0.300	128
	"	2.0'	<10.0	26.9	<10.0	26.9	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
	"	3.0'	45.0	**1,720**	**752**	**2,517**	<0.050	<0.050	0.096	0.445	0.541	**1,460**
S-2	11/10/2025	0-1'	**1,330**	**5,590**	**1,990**	**8,910**	1.53	24.4	16.8	49.5	**92.2**	**3,600**
	"	1.5'	<10.0	93.9	25.0	**118.9**	<0.050	0.081	<0.050	<0.150	<0.300	144
	"	2.0'	<10.0	**190**	68.8	**258.8**	<0.050	<0.050	<0.050	<0.150	<0.300	256
	"	3.0'	15.6	**155**	46.2	**216.8**	<0.050	<0.050	<0.050	<0.150	<0.300	544
S-3	11/10/2025	0-1'	**16,600**	**23,700**	**9,050**	**49,350**	**117**	**717**	**252**	**596**	**1,680**	128
	"	1.5'	**8,000**	**12,200**	**4,760**	**24,960**	**43.8**	**385**	**147**	**355**	**930**	80.0
	"	2.0'	20.6	**261**	**34.7**	**316**	<0.050	0.09	0.122	0.424	0.636	160
H-1	11/10/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-2	11/10/2025	0-0.5'	<10.0	38.5	<10.0	38.5	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-3	11/10/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-4	11/10/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-5	11/10/2025	0-0.5'	<10.0	51.5	10.4	61.9	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-6	11/10/2025	0-0.5'	<10.0	12.8	<10.0	12.8	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
Regulatory Criteria [A]						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(S) - Soil Sample
(H) - Horizontal Sample
Removed

Table 2
BTA Oil Producers, LLC
Crazy Goat CTB (10.27.2025)
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	12/11/2025	5.0'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	499
CS-2	12/11/2025	5.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**1,080**
	12/17/2025	5.25'	<50.0	<50.0	<50.0	<50.0	<0.00109	<0.00109	<0.00109	<0.00219	<0.00219	222
CS-3	12/11/2025	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**915**
	12/17/2025	5.25'	<49.9	<49.9	<49.9	<49.9	<0.00108	<0.00108	<0.00108	<0.00215	<0.00215	53.9
CS-4	12/11/2025	5.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	0.00286	<0.00200	<0.00399	<0.00399	165
CS-5	12/11/2025	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	530
CS-6	12/11/2025	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	**1,200**
	12/17/2025	5.25'	<50.0	<50.0	<50.0	<50.0	<0.00123	<0.00123	<0.00123	<0.00246	<0.00246	231
CS-7	12/11/2025	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	152
CS-8	12/11/2025	5.0'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	88.4
CS-9	12/15/2025	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	231
CS-10	12/15/2025	5.0'	<49.6	<49.6	<49.6	<49.6	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	67.4
CS-11	12/15/2025	5.0'	<49.9	<49.9	<49.9	<49.9	0.00455	<0.00198	0.00270	0.00458	0.0118	250
CS-12	12/16/2025	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	259
CS-13	12/16/2025	3.0'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	93.0
CS-14	12/16/2025	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	182
CS-15	12/16/2025	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	255
CS-16	12/18/2025	5.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-17	2/20/2026	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	182
Regulatory Criteria [A]						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(CS) - Confirmation Sample
Removed

Table 2
BTA Oil Producers, LLC
Crazy Goat CTB (10.27.2025)
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	2/20/2026	5.0'	<50.0	51.3	<50.0	51.3	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	222
CS-19	2/20/2026	5.0'	<50.3	**240**	<50.3	**240**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	479
	2/26/2026	5.25'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-20	2/20/2026	5.0'	<50.2	<50.2	<50.2	<50.2	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	204
CS-21	2/20/2026	5.0'	<49.8	**167**	<49.8	**167**	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	507
	2/26/2026	5.25'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-22	2/20/2026	5.0'	<50.0	**163**	<50.0	**163**	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	223
	2/26/2026	5.25'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-23	2/20/2026	5.0'	<50.2	71.2	<50.2	71.2	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	540
CS-24	2/20/2026	5.0'	<50.1	**126**	<50.1	**126**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	174
	2/26/2026	5.25'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-25	2/20/2026	5.0'	<49.9	**271**	<49.9	**271**	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	484
	2/26/2026	5.25'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-26	2/20/2026	5.0'	<50.0	**171**	<50.0	**171**	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	229
	2/26/2026	5.25'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-27	2/20/2026	5.0'	<49.8	70.8	<49.8	70.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	501
CS-28	2/20/2026	5.0'	<49.8	**169**	<49.8	**169**	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	235
	2/26/2026	5.25'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-29	2/20/2026	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	14.3
CS-30	2/20/2026	5.0'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	196
CS-31	2/20/2026	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	17.1
CS-32	2/20/2026	5.0'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	196
Regulatory Criteria [A]						**100 mg/kg**	**10 mg/kg**				**50 mg/kg**	**600 mg/kg**

[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(CS) - Confirmation Sample
Removed

Table 2
BTA Oil Producers, LLC
Crazy Goat CTB (10.27.2025)
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						
SW-1	12/11/2025	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**919**
	12/17/2025	5.25'	<49.8	<49.8	<49.8	<49.8	<0.00114	<0.00114	<0.00114	<0.00229	<0.00229	164
SW-2	12/11/2025	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	191
SW-3	12/11/2025	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	526
SW-4	12/11/2025	5.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**988**
	12/17/2025	5.25'	<50.0	<50.0	<50.0	<50.0	<0.00135	<0.00135	<0.00135	<0.00270	<0.00270	73.8
SW-5	12/11/2025	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	153
SW-6	12/11/2025	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	167
SW-7	12/11/2025	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	120
SW-8	12/11/2025	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	164
SW-9	12/11/2025	5.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	92.1
SW-10	12/11/2025	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	154
SW-11	12/15/2025	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	146
	2/20/2026	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	179
SW-12	12/15/2025	5.0'	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	94.0
SW-13	12/15/2025	5.0'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	0.00294	<0.00402	<0.00402	246
SW-14	12/15/2025	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	79.0
	2/20/2026	5.0'	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	19.5
SW-15	12/16/2025	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	0.00516	0.00791	0.0215	0.0346	345
SW-16	12/16/2025	3.0'	<50.2	<50.2	<50.2	<50.2	0.00200	<0.00199	<0.00199	<0.00398	<0.00398	572
Regulatory Criteria [A]						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(SW) - Sidewall Sample
Removed

Table 2
BTA Oil Producers, LLC
Crazy Goat CTB (10.27.2025)
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						
SW-17	12/16/2025	3.0'	<50.1	<50.1	<50.1	<50.1	0.00234	0.00286	<0.00198	<0.00396	0.00813	62.8
SW-18	12/16/2025	3.0'	<50.0	<50.0	<50.0	<50.0	0.00555	0.00273	<0.00198	0.00467	0.0130	343
SW-19	12/16/2025	3.0' - 5.0'	<49.9	<49.9	<49.9	<49.9	0.00297	<0.00200	<0.00200	<0.00399	<0.00399	**606**
	12/19/2025	3.0' - 5.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	12.1
SW-20	12/16/2025	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	0.00261	<0.00199	<0.00398	<0.00398	52.8
SW-21	12/18/2025	5.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
	2/20/2026	5.0'	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	178
SW-22	12/18/2025	5.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	2/20/2026	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	11.8
SW-23	12/18/2025	5.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-24	12/18/2025	5.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
	2/20/2026	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	15.2
SW-25	2/20/2026	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	178
SW-26	2/20/2026	5.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	15.7
SW-27	2/20/2026	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	161
SW-28	2/20/2026	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	81.3
SW-29	2/20/2026	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	0.00294	<0.00402	<0.00402	18.4
SW-30	2/20/2026	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	17.2
SW-31	2/20/2026	5.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	182
Backfill Sample	12/11/2025	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	101
Regulatory Criteria [A]						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(SW) - Sidewall Sample
Removed

APPENDIX B

CARMONA RESOURCES

PHOTOGRAPHIC LOG

BTA Oil

Photograph No. 1

Facility: Crazy Goat CTB (10.27.2025)

County: Lea County, New Mexico

Description:
View West of well sign.



Photograph No. 2

Facility: Crazy Goat CTB (10.27.2025)

County: Lea County, New Mexico

Description:
View East of incident area.



Photograph No. 3

Facility: Crazy Goat CTB (10.27.2025)

County: Lea County, New Mexico

Description:
View Southwest of incident area.



CARMONA RESOURCES

PHOTOGRAPHIC LOG

Coterra Energy Operating Co

Photograph No. 4

Facility: Crazy Goat CTB (10.27.2025)

County: Lea County, New Mexico

Description:
View Southwest, Area of CS-1 through CS-3.

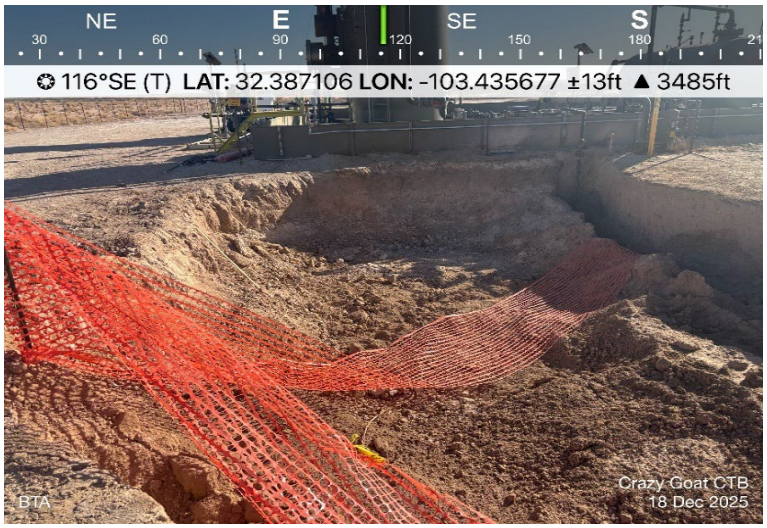


Photograph No. 5

Facility: Crazy Goat CTB (10.27.2025)

County: Lea County, New Mexico

Description:
View Southeast, Area of CS-1 through CS-3.



Photograph No. 6

Facility: Crazy Goat CTB (10.27.2025)

County: Lea County, New Mexico

Description:
View South, Area of CS-4 through CS-8.



CARMONA RESOURCES

PHOTOGRAPHIC LOG

BTA Oil

Photograph No. 7

Facility: Crazy Goat CTB (10.27.2025)

County: Lea County, New Mexico

Description:
View North, Area of CS-4 through CS-8.



Photograph No. 8

Facility: Crazy Goat CTB (10.27.2025)

County: Lea County, New Mexico

Description:
View Southwest, Area of CS-9 through CS-11.



Photograph No. 9

Facility: Crazy Goat CTB (10.27.2025)

County: Lea County, New Mexico

Description:
View North, Area of CS-9 through CS-11.



CARMONA RESOURCES

PHOTOGRAPHIC LOG

BTA Oil

Photograph No. 10

Facility: Crazy Goat CTB (10.27.2025)

County: Lea County, New Mexico

Description:
View North, Area of CS-12 and CS-13.



Photograph No. 11

Facility: Crazy Goat CTB (10.27.2025)

County: Lea County, New Mexico

Description:
View Northwest, Area of CS-12 and CS-13.



Photograph No. 12

Facility: Crazy Goat CTB (10.27.2025)

County: Lea County, New Mexico

Description:
View Northwest, Area of CS-14 and CS-15.



CARMONA RESOURCES

PHOTOGRAPHIC LOG

Coterra Energy Operating Co

Photograph No. 13

Facility: Crazy Goat CTB (10.27.2025)

County: Lea County, New Mexico

Description:
View South, Area of CS-16.



Photograph No. 14

Facility: Crazy Goat CTB (10.27.2025)

County: Lea County, New Mexico

Description:
View East, Area of CS-16.



Photograph No. 15

Facility: Crazy Goat CTB (10.27.2025)

County: Lea County, New Mexico

Description:
View Southwest, Area of CS-17 and CS-18.



CARMONA RESOURCES

PHOTOGRAPHIC LOG

BTA Oil

Photograph No. 16

Facility: Crazy Goat CTB (10.27.2025)

County: Lea County, New Mexico

Description:
View North, Area of CS-17 and CS-18.



Photograph No. 17

Facility: Crazy Goat CTB (10.27.2025)

County: Lea County, New Mexico

Description:
View Southwest, Area of CS-19 through CS-21.

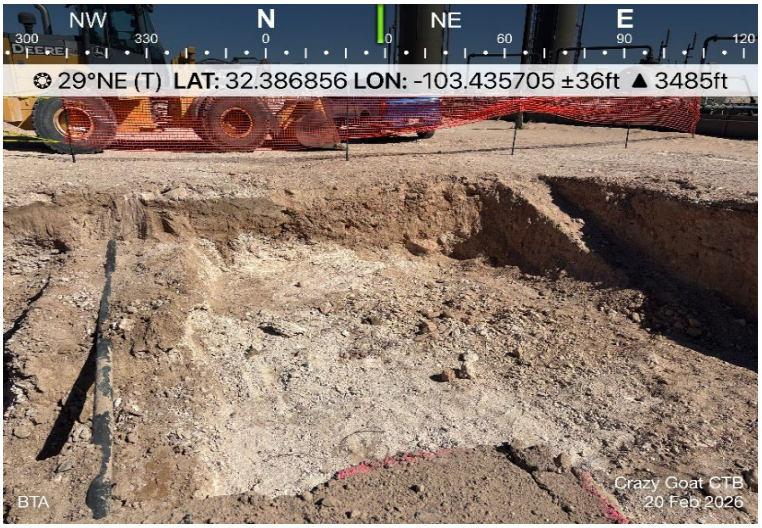


Photograph No. 18

Facility: Crazy Goat CTB (10.27.2025)

County: Lea County, New Mexico

Description:
View Northeast, Area of CS-19 through CS-21.



CARMONA RESOURCES

PHOTOGRAPHIC LOG

BTA Oil

Photograph No. 19

Facility: Crazy Goat CTB (10.27.2025)

County: Lea County, New Mexico

Description:
View East, Area of CS-22 through CS-26.



Photograph No. 20

Facility: Crazy Goat CTB (10.27.2025)

County: Lea County, New Mexico

Description:
View West, Area of CS-22 thorugh CS-26.



Photograph No. 21

Facility: Crazy Goat CTB (10.27.2025)

County: Lea County, New Mexico

Description:
View Southwest, Area of CS-27 through CS-31.



CARMONA RESOURCES

PHOTOGRAPHIC LOG

BTA Oil

Photograph No. 22

Facility: Crazy Goat CTB (10.27.2025)

County: Lea County, New Mexico

Description:
View Northeast, Area of CS-27 through CS-31.



CARMONA RESOURCES

APPENDIX C

CARMONA RESOURCES

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 520698
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source *Please answer all the questions in this group.*	
Site Name	Crazy Goat CTB
Date Release Discovered	10/27/2025
Surface Owner	Private

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

Nature and Volume of Release *Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*	
Crude Oil Released (bbls) Details	Cause: Equipment Failure | Gasket | Crude Oil | Released: 28 BBL | Recovered: 25 BBL | Lost: 3 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure | Gasket | Produced Water | Released: 28 BBL | Recovered: 25 BBL | Lost: 3 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
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)	Firetube gasket failure on heater treater

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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 520698
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

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

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Santa Fe, NM 87505

ACKNOWLEDGMENTS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 520698
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

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

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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 520698
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
ntinker	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	10/28/2025

BTA Spill Report

Incident Location Name: Crazy Goat CTB

Incident Date (MM/DD/YYYY): 10/27/2025

Fluid Released (O, PW, O/PW): Oil and Produced Water

Released in Lined Containment? (Yes/No): NO

Type of Soil: Soaked Sand

Length of Release (ft): 24.0

Width of Release (ft): 34.0

Depth of Standing Fluid (in): 1.0

Depth of Saturated Soil (in): 24.0

Soil Factor: 0.15

Volume Calculation:

L x W x ((Depth of Standing Fluid ÷ 12) + (Depth of Saturated Soil ÷ 12 x Soil Factor)) ÷ 5.614583

Result: 55.71 bbl

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

QUESTIONS

Action 526413

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 526413
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2530147707**
Incident Name	**NAPP2530147707 CRAZY GOAT CTB @ FAPP2430234897**
Incident Type	**Oil Release**
Incident Status	**Initial C-141 Received**
Incident Facility	**[fAPP2430234897] Crazy Goat CTB**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Crazy Goat CTB
Date Release Discovered	10/27/2025
Surface Owner	Private

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure | Gasket | Crude Oil | Released: 28 BBL | Recovered: 25 BBL | Lost: 3 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure | Gasket | Produced Water | Released: 28 BBL | Recovered: 25 BBL | Lost: 3 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
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)	Firetube gasket failure on heater treater

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1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 526413
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

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

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

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

I hereby agree and sign off to the above statement	Name: Noah Tinker Title: Engineer Email: ntinker@btaoil.com Date: 11/13/2025

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 526413
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	*Not answered.*
What method was used to determine the depth to ground water	*Not answered.*
Did this release impact groundwater or surface water	*Not answered.*
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	*Not answered.*
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	*Not answered.*
An occupied permanent residence, school, hospital, institution, or church	*Not answered.*
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	*Not answered.*
Any other fresh water well or spring	*Not answered.*
Incorporated municipal boundaries or a defined municipal fresh water well field	*Not answered.*
A wetland	*Not answered.*
A subsurface mine	*Not answered.*
An (non-karst) unstable area	*Not answered.*
Categorize the risk of this well / site being in a karst geology	*Not answered.*
A 100-year floodplain	*Not answered.*
Did the release impact areas not on an exploration, development, production, or storage site	*Not answered.*

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	No
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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Santa Fe, NM 87505

CONDITIONS

Action 526413

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 526413
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
scwells	Initial C-141 approved. A remediation plan or remediation closure report is due to the OCD by 1/26/2026.	11/13/2025

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Santa Fe, NM 87505

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 530159
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2530147707**
Incident Name	**NAPP2530147707 CRAZY GOAT CTB @ FAPP2430234897**
Incident Type	**Oil Release**
Incident Status	**Initial C-141 Approved**
Incident Facility	**[fAPP2430234897] Crazy Goat CTB**

Location of Release Source	
Site Name	**Crazy Goat CTB**
Date Release Discovered	**10/27/2025**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	6,156
What is the estimated number of samples that will be gathered	40
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/11/2025
Time sampling will commence	11:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	(32.386469°, -103.435428°) Carmona Resources will be onsite to collect confirmation floor samples from the excavation taking place onsite.

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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 530159
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
ntinker	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.	11/26/2025
ntinker	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	11/26/2025

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QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 533176
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2530147707**
Incident Name	**NAPP2530147707 CRAZY GOAT CTB @ FAPP2430234897**
Incident Type	**Oil Release**
Incident Status	**Initial C-141 Approved**
Incident Facility	**[fAPP2430234897] Crazy Goat CTB**

Location of Release Source	
Site Name	**Crazy Goat CTB**
Date Release Discovered	**10/27/2025**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	6,156
What is the estimated number of samples that will be gathered	40
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/15/2025
Time sampling will commence	11:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	(32.386469°, -103.435428°) Carmona Resources will be onsite to collect confirmation floor samples from the excavation taking place onsite.

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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 533176
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
ntinker	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.	12/9/2025
ntinker	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	12/9/2025

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Santa Fe, NM 87505

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 533177
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2530147707**
Incident Name	**NAPP2530147707 CRAZY GOAT CTB @ FAPP2430234897**
Incident Type	**Oil Release**
Incident Status	**Initial C-141 Approved**
Incident Facility	**[fAPP2430234897] Crazy Goat CTB**

Location of Release Source	
Site Name	**Crazy Goat CTB**
Date Release Discovered	**10/27/2025**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	6,156
What is the estimated number of samples that will be gathered	40
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/16/2025
Time sampling will commence	11:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	(32.386469°, -103.435428°) Carmona Resources will be onsite to collect confirmation floor samples from the excavation taking place onsite.

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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 533177
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
ntinker	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.	12/9/2025
ntinker	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	12/9/2025

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1220 S. St Francis Dr.
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QUESTIONS

Action 533179

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 533179
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2530147707**
Incident Name	**NAPP2530147707 CRAZY GOAT CTB @ FAPP2430234897**
Incident Type	**Oil Release**
Incident Status	**Initial C-141 Approved**
Incident Facility	**[fAPP2430234897] Crazy Goat CTB**

Location of Release Source	
Site Name	**Crazy Goat CTB**
Date Release Discovered	**10/27/2025**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	6,156
What is the estimated number of samples that will be gathered	40
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/17/2025
Time sampling will commence	11:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	(32.386469°, -103.435428°) Carmona Resources will be onsite to collect confirmation floor samples from the excavation taking place onsite.

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CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 533179
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
ntinker	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.	12/9/2025
ntinker	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	12/9/2025

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

QUESTIONS

Action 533183

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 533183
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2530147707**
Incident Name	**NAPP2530147707 CRAZY GOAT CTB @ FAPP2430234897**
Incident Type	**Oil Release**
Incident Status	**Initial C-141 Approved**
Incident Facility	**[fAPP2430234897] Crazy Goat CTB**

Location of Release Source	
Site Name	**Crazy Goat CTB**
Date Release Discovered	**10/27/2025**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	6,156
What is the estimated number of samples that will be gathered	40
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/18/2025
Time sampling will commence	11:00 AM
Please provide any information necessary for observers to contact samplers	Contact: Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	(32.386469°, -103.435428°) Carmona Resources will be onsite to collect confirmation floor samples from the excavation taking place onsite.

Sante Fe Main Office
Phone: (505) 476-3441

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

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 533183
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
ntinker	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.	12/9/2025
ntinker	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	12/9/2025

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Oil Conservation Division
1220 S. St Francis Dr.
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QUESTIONS

Action 533184

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 533184
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2530147707**
Incident Name	**NAPP2530147707 CRAZY GOAT CTB @ FAPP2430234897**
Incident Type	**Oil Release**
Incident Status	**Initial C-141 Approved**
Incident Facility	**[fAPP2430234897] Crazy Goat CTB**

Location of Release Source	
Site Name	**Crazy Goat CTB**
Date Release Discovered	**10/27/2025**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	6,156
What is the estimated number of samples that will be gathered	40
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/19/2025
Time sampling will commence	11:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	(32.386469°, -103.435428°) Carmona Resources will be onsite to collect confirmation floor samples from the excavation taking place onsite.

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CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 533184
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
ntinker	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.	12/9/2025
ntinker	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	12/9/2025

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QUESTIONS

Action 552825

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 552825
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2530147707**
Incident Name	**NAPP2530147707 CRAZY GOAT CTB @ FAPP2430234897**
Incident Type	**Oil Release**
Incident Status	**Initial C-141 Approved**
Incident Facility	**[fAPP2430234897] Crazy Goat CTB**

Location of Release Source	
Site Name	**Crazy Goat CTB**
Date Release Discovered	**10/27/2025**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	2,020
What is the estimated number of samples that will be gathered	25
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/20/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	(32.386469°, -103.435428°) Carmona Resources will be onsite to collect the remaining confirmation floor/sidewall samples from the excavation taking place onsite.

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Santa Fe, NM 87505

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 552825
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
ntinker	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.	2/11/2026
ntinker	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	2/11/2026

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QUESTIONS

Action 557440

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 557440
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2530147707**
Incident Name	**NAPP2530147707 CRAZY GOAT CTB @ FAPP2430234897**
Incident Type	**Oil Release**
Incident Status	**Initial C-141 Approved**
Incident Facility	**[fAPP2430234897] Crazy Goat CTB**

Location of Release Source	
Site Name	**Crazy Goat CTB**
Date Release Discovered	**10/27/2025**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	2,020
What is the estimated number of samples that will be gathered	7
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/26/2026
Time sampling will commence	01:00 PM
Please provide any information necessary for observers to contact samplers	Carmona Resources - 432-813-8988
Please provide any information necessary for navigation to sampling site	(32.386469°, -103.435428°) Carmona Resources will be onsite to collect composite confirmation floor samples that exceeded from the last sampling event. A 3 inch scrape has occurred to removed the TPH onsite from the last sampling event.

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CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 557440
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
ntinker	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.	2/24/2026
ntinker	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	2/24/2026

APPENDIX D

CARMONA RESOURCES

Nearest Water Well

BTA OIL PRODUCERS, LLC

Legend

- 0.22 Miles
- 0.50 Mile Radius
- 0.53 Miles
- Crazy Goat CTB (10.27.2025)
- NMSEO Water Well
- USGS Water Well

Crazy Goat CTB (10.27.2025)

31' - Drilled 2019

17.39' - Gauged 2015

Google Earth

Image © 2025 Airbus

N

4000 ft

Low Karst

BTA OIL PRODUCERS, LLC

Legend

Crazy Goat CTB (10.27.2025)

Low

Crazy Goat CTB (10.27.2025)

Google Earth

Released to Imaging: 4/16/2026 3:42:59 PM

Image © 2025 Airbus

N

4000 ft

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 smallest to largest)

(meters) (In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
CP 01682 POD1		CP	LE	NW	NE	NE	23	22S	34E	647163.5	3583992.4		357	294	42	252
CP 00622		CP	LE	SW	SE	NE	14	22S	34E	647164.0	3585030.0 *		680			
CP 01683 POD1		CP	LE	NE	SW	NE	23	22S	34E	646949.4	3583562.0		817	300		
CP 00598 POD1		CP	LE		SE	NW	23	22S	34E	646480.0	3583511.0 *		1083	70		
CP 01684 POD1		CP	LE	NE	NW	SE	23	22S	34E	646932.2	3583129.0		1243	300		
CP 02005 POD1		CP	LE	SE	SW	SE	13	22S	34E	648586.9	3584331.8		1421	65	60	5
CP 01718 POD1		CP	LE	NE	SW	SW	24	22S	34E	647700.1	3582811.2		1628	1172	855	317
CP 00704		CP	LE		NE	SE	22	22S	34E	645681.0	3583097.0 *		1942	600		
CP 01719 POD1		CP	LE	SE	SE	SW	24	22S	34E	648215.0	3582680.2		1971	1173	838	335
CP 00380		CP	LE		SE	NE	11	22S	34E	647245.0	3586739.0 *		2390	45	30	15
CP 00596 POD1		CP	LE		SE	NE	11	22S	34E	647245.0	3586739.0 *		2390	50		
CP 00751		CP	LE		SE	NE	11	22S	34E	647245.0	3586739.0 *		2390		45	
CP 00599 POD1		CP	LE		NW	NW	12	22S	34E	647642.0	3587147.0 *		2837	62	50	12
CP 00933		CP	LE	NW	NW	NW	12	22S	34E	647541.0	3587246.0 *		2920	60		
CP 02002 POD1		CP	LE	NW	SE	NE	12	22S	34E	648726.3	3586958.3		3039	60	40	20
CP 01802 POD1		CP	LE	NE	NE	NE	35	22S	34E	647437.4	3580847.4		3513	200	0	200
CP 00604		CP	LE	NW	SE	SE	01	22S	34E	648743.0	3587666.0 *		3671	135		
CP 01917		CP	LE	SW	NE	NW	07	22S	35E	649613.9	3587149.5		3718	55		

Average Depth to Water: **217 feet**

Minimum Depth: **0 feet**

Maximum Depth: **855 feet**

Record Count: 18

UTM Filters (in meters):

Easting: 647166.00

Northing: 3584350.00

Radius: 4000

*** 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.

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

2019 SEP 13 AM 8:27 STATE ENGR RCVD

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.): CP-1682-POD1 South 2	WELL TAG ID NO.: 2062A	OSE FILE NO(S).: CP-1682
WELL OWNER NAME(S): Merchant Livestock Company/Glenn's Water Well Service, Inc.		PHONE (OPTIONAL): 575-398-2424
WELL OWNER MAILING ADDRESS: PO Box 692		CITY: Tatum STATE: NM ZIP: 88267

WELL LOCATION (FROM GPS)	DEGREES	MINUTES	SECONDS	
LATITUDE	32	22	59.66	N
LONGITUDE	-103	26	7.87	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

NW1/4 NE1/4 NE1/4 Section 23, Township 22 South, Range 34 East on Merchant Livestock Company Land

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD 421	Corky Glenn	Glenn's Water Well Service, Inc.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
09/10/19	09/13/19	294	294	42

COMPLETED WELL IS: ☐ ARTESIAN ☐ DRY HOLE ☑ SHALLOW (UNCONFINED) — STATIC WATER LEVEL IN COMPLETED WELL (FT): 31

DRILLING FLUID: ☐ AIR ☑ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0	22.5'	20"	Steel 12 3/4" OD	Plain End	12.25	.25	---
0	294'	20"	Steel Casing 8 5/8" / 8.625" OD	Plain End	8.125	.25	1/8"
			Bottom 252 Perforated				

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
0	22.5'	20"	Cemented Redi Mix	Fill to Top	Top Pour
0	294'	20"	3/8" Veilmore Gravel	18.52 CY	Top Pour

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 06/30/17)

FILE NO. CP-1682	POD NO. 1	TRN NO. 632044	
LOCATION 212 Sec23 T22S R34E		WELL TAG ID NO. 2062A	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES **(attach supplemental sheets to fully describe all units)**	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	6	6	Soil	Y ✓N	
6	9	3	Soil & Sand	Y ✓N	
9	16	7	Caliche	Y ✓N	
16	20	4	Clay & Sand	Y ✓N	
20	42	22	Red Clay	Y ✓N	
42	56	14	Brown Sandrock	✓Y N	5.00
56	63	7	Red Clay	Y ✓N	
63	68	5	White & Green Clay	Y ✓N	
68	92	24	Brown Sandrock	✓Y N	9.00
92	122	30	Red Clay	Y ✓N	
122	128	6	Brown Shale	Y ✓N	
128	165	37	Red Clay with Stringers of Brown Sandrock	Y ✓N	
165	187	22	Brown Shale	Y ✓N	
187	225	38	Red Clay & Red Shale	Y ✓N	
225	242	17	Brown Shale	Y ✓N	
242	274	32	Blue Sandrock & Shale	✓Y N	1.00
274	294	20	Red Shale	Y ✓N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☑ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm): 15.00

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION:

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Travis Glenn License # 1719 (Glenn's Water Well Service, Inc.)

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

Corky Glenn — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

9/12/19 — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 06/30/2017)

FILE NO. CP-1682	POD NO. 1	TRN NO. 632044	
LOCATION 212 Sec 23 T22S R34E		WELL TAG ID NO. 2062A	PAGE 2 OF 2

USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: New Mexico | GO

Click to hideNews Bulletins

- **Due to a lapse in government funding, the majority of USGS websites will not be updated except to provide important public safety information. Websites displaying real-time water data will be updated with limited support. For more information please see www.doi.gov/shutdown.**
- Explore the *NEW* USGS National Water Dashboard interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for New Mexico

Click to hide state-specific text

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 322231103262601

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 322231103262601 22S.34E.23.23131

Lea County, New Mexico
Latitude 32°22'47.6", Longitude 103°26'25.3" NAD83
Land-surface elevation 3,452 feet above NAVD88
The depth of the well is 60 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1968-06-10		D	62610		3425.15	NGVD29	1	Z			A
1968-06-10		D	62611		3426.75	NAVD88	1	Z			A
1968-06-10		D	72019	25.25			1	Z			A
1971-09-08		D	62610		3423.42	NGVD29	P	Z			A
1971-09-08		D	62611		3425.02	NAVD88	P	Z			A
1971-09-08		D	72019	26.98			P	Z			A
1976-12-16		D	62610		3426.10	NGVD29	1	Z			A
1976-12-16		D	62611		3427.70	NAVD88	1	Z			A
1976-12-16		D	72019	24.30			1	Z			A
1981-03-18		D	62610		3427.03	NGVD29	1	Z			A
1981-03-18		D	62611		3428.63	NAVD88	1	Z			A
1981-03-18		D	72019	23.37			1	Z			A
1986-04-10		D	62610		3427.57	NGVD29	1	Z			A
1986-04-10		D	62611		3429.17	NAVD88	1	Z			A
1986-04-10		D	72019	22.83			1	Z			A
1991-05-03		D	62610		3427.87	NGVD29	1	Z			A
1991-05-03		D	62611		3429.47	NAVD88	1	Z			A
1991-05-03		D	72019	22.53			1	Z			A
1996-02-21		D	62610		3428.27	NGVD29	1	S			A
1996-02-21		D	62611		3429.87	NAVD88	1	S			A
1996-02-21		D	72019	22.13			1	S			A
2015-12-18	21:30 UTC	m	62610		3433.01	NGVD29	1	S	USGS	S	A
2015-12-18	21:30 UTC	m	62611		3434.61	NAVD88	1	S	USGS	S	A

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
2015-12-18	21:30 UTC	m	72019	17.39			1	S	USGS	S	A

Explanation

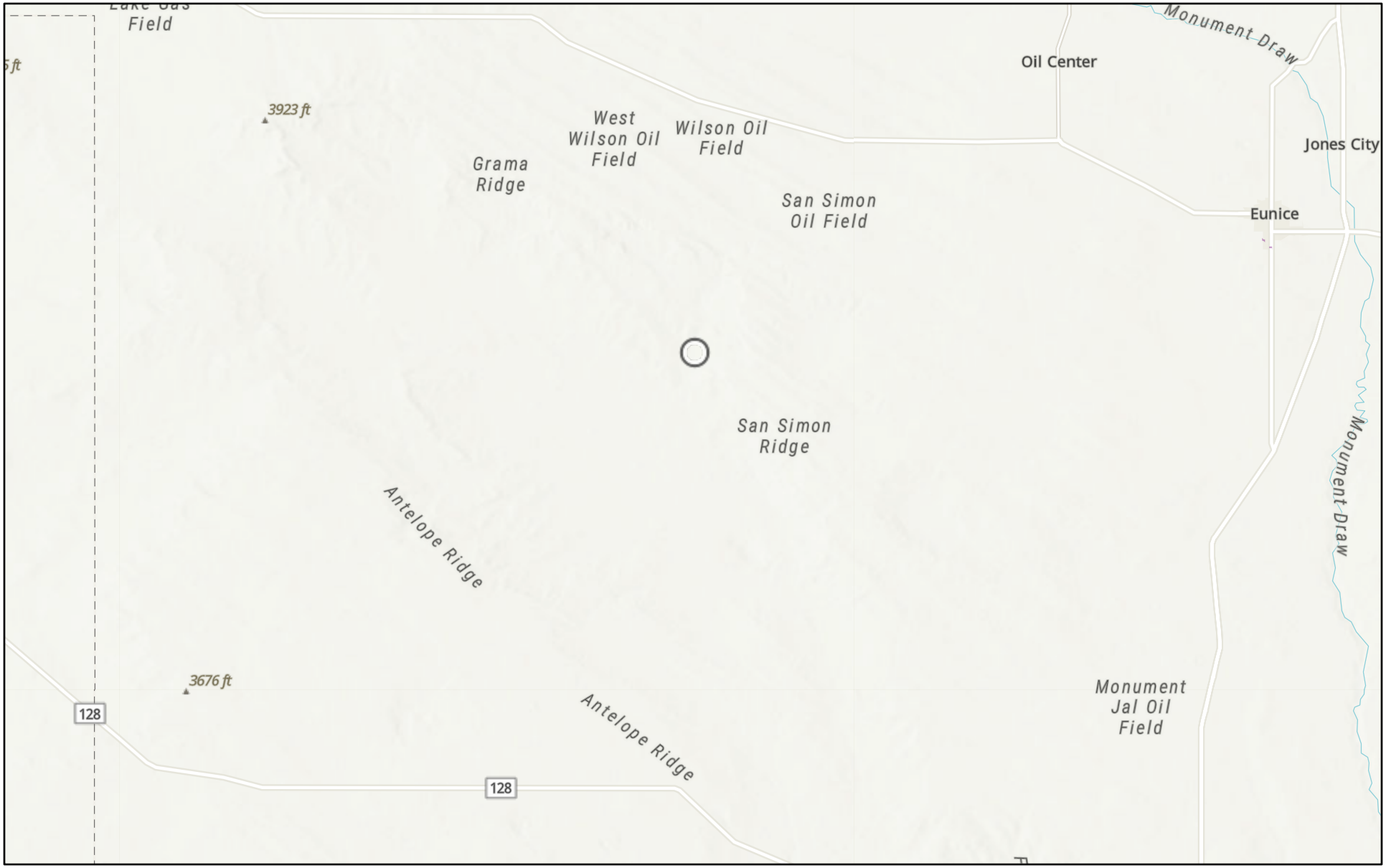
Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to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

Questions or Comments
Help
Data Tips
Explanation of terms
Subscribe for system changes

Accessibility FOIA Privacy Policies and Notices
U.S. Department of the Interior | U.S. Geological Survey
Title: Groundwater for New Mexico: Water Levels
URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: New Mexico Water Data Maintainer
Page Last Modified: 2025-10-29 17:43:36 EDT
0.36 0.31 nadww01

Crazy Goat CTB (10.27.2025)



10/29/2025

USA Flood Hazard Areas

1% Annual Chance Flood Hazard

World_Hillshade

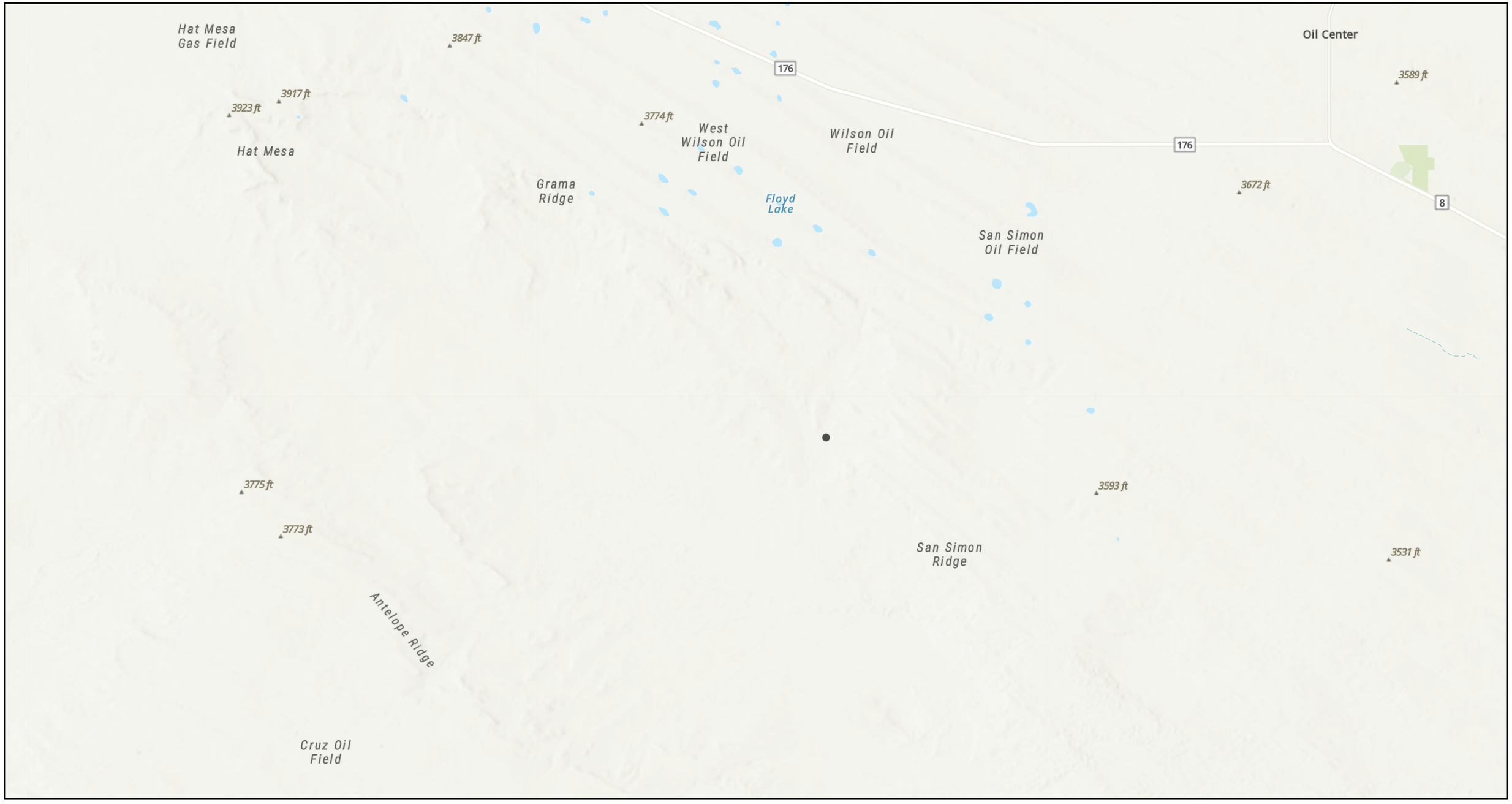
1:288,895

0 2 4 8 mi

0 3.25 6.5 13 km

Esri, NASA, NGA, USGS, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community

Crazy Goat CTB (10.27.2025)



10/29/2025, 4:27:10 PM

1:144,448

0 1.5 3 6 mi

0 2.5 5 10 km

Esri, NASA, NGA, USGS, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

New Mexico Oil Conservation Division

APPENDIX E

CARMONA RESOURCES

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

November 13, 2025

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: CRAZY GOAT CTB (10.27.2025)

Enclosed are the results of analyses for samples received by the laboratory on 11/10/25 12:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	11/10/2025	Sampling Date:	11/10/2025
Reported:	11/13/2025	Sampling Type:	Soil
Project Name:	CRAZY GOAT CTB (10.27.2025)	Sampling Condition:	Cool & Intact
Project Number:	3054	Sample Received By:	Tamara Oldaker
Project Location:	BTA - LEA CO NM		

Sample ID: S - 1 (0-1.0') (H257070-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2025	ND	2.19	110	2.00	1.84	
Toluene*	<0.050	0.050	11/11/2025	ND	2.23	111	2.00	1.08	
Ethylbenzene*	**0.131**	0.050	11/11/2025	ND	2.27	114	2.00	2.12	
Total Xylenes*	**0.565**	0.150	11/11/2025	ND	7.06	118	6.00	1.35	
Total BTEX	**0.741**	0.300	11/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**6300**	16.0	11/11/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**26.0**	10.0	11/11/2025	ND	206	103	200	2.81	
DRO >C10-C28*	**638**	10.0	11/11/2025	ND	204	102	200	2.99	
EXT DRO >C28-C36	**280**	10.0	11/11/2025	ND					

Surrogate: 1-Chlorooctane *94.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *105 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	11/10/2025	Sampling Date:	11/10/2025
Reported:	11/13/2025	Sampling Type:	Soil
Project Name:	CRAZY GOAT CTB (10.27.2025)	Sampling Condition:	Cool & Intact
Project Number:	3054	Sample Received By:	Tamara Oldaker
Project Location:	BTA - LEA CO NM		

Sample ID: S - 1 (1.5') (H257070-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2025	ND	2.19	110	2.00	1.84	
Toluene*	<0.050	0.050	11/11/2025	ND	2.23	111	2.00	1.08	
Ethylbenzene*	<0.050	0.050	11/11/2025	ND	2.27	114	2.00	2.12	
Total Xylenes*	<0.150	0.150	11/11/2025	ND	7.06	118	6.00	1.35	
Total BTEX	<0.300	0.300	11/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	11/11/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2025	ND	206	103	200	2.81	
DRO >C10-C28*	**50.8**	10.0	11/11/2025	ND	204	102	200	2.99	
EXT DRO >C28-C36	**18.1**	10.0	11/11/2025	ND					

Surrogate: 1-Chlorooctane *93.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *91.0 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	11/10/2025	Sampling Date:	11/10/2025
Reported:	11/13/2025	Sampling Type:	Soil
Project Name:	CRAZY GOAT CTB (10.27.2025)	Sampling Condition:	Cool & Intact
Project Number:	3054	Sample Received By:	Tamara Oldaker
Project Location:	BTA - LEA CO NM		

Sample ID: S - 1 (2.0') (H257070-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2025	ND	2.19	110	2.00	1.84	
Toluene*	<0.050	0.050	11/11/2025	ND	2.23	111	2.00	1.08	
Ethylbenzene*	<0.050	0.050	11/11/2025	ND	2.27	114	2.00	2.12	
Total Xylenes*	<0.150	0.150	11/11/2025	ND	7.06	118	6.00	1.35	
Total BTEX	<0.300	0.300	11/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	11/11/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2025	ND	206	103	200	2.81	
DRO >C10-C28*	**26.9**	10.0	11/11/2025	ND	204	102	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	11/11/2025	ND					

Surrogate: 1-Chlorooctane *102 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *98.1 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	11/10/2025	Sampling Date:	11/10/2025
Reported:	11/13/2025	Sampling Type:	Soil
Project Name:	CRAZY GOAT CTB (10.27.2025)	Sampling Condition:	Cool & Intact
Project Number:	3054	Sample Received By:	Tamara Oldaker
Project Location:	BTA - LEA CO NM		

Sample ID: S - 1 (3.0') (H257070-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2025	ND	2.19	110	2.00	1.84	
Toluene*	<0.050	0.050	11/11/2025	ND	2.23	111	2.00	1.08	
Ethylbenzene*	**0.096**	0.050	11/11/2025	ND	2.27	114	2.00	2.12	
Total Xylenes*	**0.445**	0.150	11/11/2025	ND	7.06	118	6.00	1.35	
Total BTEX	**0.541**	0.300	11/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1460**	16.0	11/11/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**45.0**	10.0	11/11/2025	ND	206	103	200	2.81	
DRO >C10-C28*	**1720**	10.0	11/11/2025	ND	204	102	200	2.99	
EXT DRO >C28-C36	**752**	10.0	11/11/2025	ND					

Surrogate: 1-Chlorooctane *98.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *131 %* *39.9-141*

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	11/10/2025	Sampling Date:	11/10/2025
Reported:	11/13/2025	Sampling Type:	Soil
Project Name:	CRAZY GOAT CTB (10.27.2025)	Sampling Condition:	Cool & Intact
Project Number:	3054	Sample Received By:	Tamara Oldaker
Project Location:	BTA - LEA CO NM		

Sample ID: S - 2 (0-1.0') (H257070-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	**1.53**	0.500	11/11/2025	ND	2.19	110	2.00	1.84	
Toluene*	**24.4**	0.500	11/11/2025	ND	2.23	111	2.00	1.08	
Ethylbenzene*	**16.8**	0.500	11/11/2025	ND	2.27	114	2.00	2.12	
Total Xylenes*	**49.5**	1.50	11/11/2025	ND	7.06	118	6.00	1.35	
Total BTEX	**92.2**	3.00	11/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3600**	16.0	11/11/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**1330**	100	11/11/2025	ND	206	103	200	2.81	
DRO >C10-C28*	**5590**	100	11/11/2025	ND	204	102	200	2.99	
EXT DRO >C28-C36	**1990**	100	11/11/2025	ND					

Surrogate: 1-Chlorooctane *214 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *270 %* *39.9-141*

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	11/10/2025	Sampling Date:	11/10/2025
Reported:	11/13/2025	Sampling Type:	Soil
Project Name:	CRAZY GOAT CTB (10.27.2025)	Sampling Condition:	Cool & Intact
Project Number:	3054	Sample Received By:	Tamara Oldaker
Project Location:	BTA - LEA CO NM		

Sample ID: S - 2 (1.5') (H257070-06)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2025	ND	2.19	110	2.00	1.84	
Toluene*	**0.081**	0.050	11/11/2025	ND	2.23	111	2.00	1.08	
Ethylbenzene*	<0.050	0.050	11/11/2025	ND	2.27	114	2.00	2.12	
Total Xylenes*	<0.150	0.150	11/11/2025	ND	7.06	118	6.00	1.35	
Total BTEX	<0.300	0.300	11/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	11/11/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2025	ND	206	103	200	2.81	
DRO >C10-C28*	**93.9**	10.0	11/11/2025	ND	204	102	200	2.99	
EXT DRO >C28-C36	**25.0**	10.0	11/11/2025	ND					

Surrogate: 1-Chlorooctane *97.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *95.8 %* *39.9-141*

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	11/10/2025	Sampling Date:	11/10/2025
Reported:	11/13/2025	Sampling Type:	Soil
Project Name:	CRAZY GOAT CTB (10.27.2025)	Sampling Condition:	Cool & Intact
Project Number:	3054	Sample Received By:	Tamara Oldaker
Project Location:	BTA - LEA CO NM		

Sample ID: S - 2 (2.0') (H257070-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2025	ND	2.19	110	2.00	1.84	
Toluene*	<0.050	0.050	11/11/2025	ND	2.23	111	2.00	1.08	
Ethylbenzene*	<0.050	0.050	11/11/2025	ND	2.27	114	2.00	2.12	
Total Xylenes*	<0.150	0.150	11/11/2025	ND	7.06	118	6.00	1.35	
Total BTEX	<0.300	0.300	11/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	11/11/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2025	ND	206	103	200	2.81	
DRO >C10-C28*	**190**	10.0	11/11/2025	ND	204	102	200	2.99	
EXT DRO >C28-C36	**68.8**	10.0	11/11/2025	ND					

Surrogate: 1-Chlorooctane *94.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *94.8 %* *39.9-141*

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	11/10/2025	Sampling Date:	11/10/2025
Reported:	11/13/2025	Sampling Type:	Soil
Project Name:	CRAZY GOAT CTB (10.27.2025)	Sampling Condition:	Cool & Intact
Project Number:	3054	Sample Received By:	Tamara Oldaker
Project Location:	BTA - LEA CO NM		

Sample ID: S - 2 (3.0') (H257070-08)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2025	ND	2.19	110	2.00	1.84	
Toluene*	<0.050	0.050	11/11/2025	ND	2.23	111	2.00	1.08	
Ethylbenzene*	<0.050	0.050	11/11/2025	ND	2.27	114	2.00	2.12	
Total Xylenes*	<0.150	0.150	11/11/2025	ND	7.06	118	6.00	1.35	
Total BTEX	<0.300	0.300	11/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *118 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**544**	16.0	11/11/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**15.6**	10.0	11/11/2025	ND	206	103	200	2.81	
DRO >C10-C28*	**155**	10.0	11/11/2025	ND	204	102	200	2.99	
EXT DRO >C28-C36	**46.2**	10.0	11/11/2025	ND					

Surrogate: 1-Chlorooctane *95.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *94.6 %* *39.9-141*

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	11/10/2025	Sampling Date:	11/10/2025
Reported:	11/13/2025	Sampling Type:	Soil
Project Name:	CRAZY GOAT CTB (10.27.2025)	Sampling Condition:	Cool & Intact
Project Number:	3054	Sample Received By:	Tamara Oldaker
Project Location:	BTA - LEA CO NM		

Sample ID: S - 3 (0-1.0') (H257070-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	**117**	5.00	11/12/2025	ND	2.19	110	2.00	1.84	
Toluene*	**717**	5.00	11/12/2025	ND	2.23	111	2.00	1.08	
Ethylbenzene*	**252**	5.00	11/12/2025	ND	2.27	114	2.00	2.12	
Total Xylenes*	**596**	15.0	11/12/2025	ND	7.06	118	6.00	1.35	
Total BTEX	**1680**	30.0	11/12/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID	*96.5 %*	*70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	11/11/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**16600**	100	11/11/2025	ND	206	103	200	2.81	
DRO >C10-C28*	**23700**	100	11/11/2025	ND	204	102	200	2.99	
EXT DRO >C28-C36	**9050**	100	11/11/2025	ND					

Surrogate: 1-Chlorooctane	*934 %*	*52.4-130*
Surrogate: 1-Chlorooctadecane	*467 %*	*39.9-141*

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	11/10/2025	Sampling Date:	11/10/2025
Reported:	11/13/2025	Sampling Type:	Soil
Project Name:	CRAZY GOAT CTB (10.27.2025)	Sampling Condition:	Cool & Intact
Project Number:	3054	Sample Received By:	Tamara Oldaker
Project Location:	BTA - LEA CO NM		

Sample ID: S - 3 (1.5') (H257070-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	**43.8**	5.00	11/12/2025	ND	2.19	110	2.00	1.84	
Toluene*	**385**	5.00	11/12/2025	ND	2.23	111	2.00	1.08	
Ethylbenzene*	**147**	5.00	11/12/2025	ND	2.27	114	2.00	2.12	
Total Xylenes*	**355**	15.0	11/12/2025	ND	7.06	118	6.00	1.35	
Total BTEX	**930**	30.0	11/12/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.5 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	11/11/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**8080**	100	11/11/2025	ND	206	103	200	2.81	
DRO >C10-C28*	**12200**	100	11/11/2025	ND	204	102	200	2.99	
EXT DRO >C28-C36	**4760**	100	11/11/2025	ND					

Surrogate: 1-Chlorooctane *734 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *454 %* *39.9-141*

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	11/10/2025	Sampling Date:	11/10/2025
Reported:	11/13/2025	Sampling Type:	Soil
Project Name:	CRAZY GOAT CTB (10.27.2025)	Sampling Condition:	Cool & Intact
Project Number:	3054	Sample Received By:	Tamara Oldaker
Project Location:	BTA - LEA CO NM		

Sample ID: S - 3 (2.0') (H257070-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2025	ND	2.19	110	2.00	1.84	
Toluene*	**0.090**	0.050	11/11/2025	ND	2.23	111	2.00	1.08	
Ethylbenzene*	**0.122**	0.050	11/11/2025	ND	2.27	114	2.00	2.12	
Total Xylenes*	**0.424**	0.150	11/11/2025	ND	7.06	118	6.00	1.35	
Total BTEX	**0.636**	0.300	11/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	11/11/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**20.6**	10.0	11/11/2025	ND	202	101	200	0.573	
DRO >C10-C28*	**261**	10.0	11/11/2025	ND	220	110	200	0.0218	
EXT DRO >C28-C36	**34.7**	10.0	11/11/2025	ND					

Surrogate: 1-Chlorooctane *91.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *95.4 %* *39.9-141*

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Page 77 of 364

Chain of Custody

Work Order No: H257070

Page 1 of 1

Project Manager:	Ashton Thielke	Bill to: (if different)	Noah Tinker
Company Name:	Carmona Resources	Company Name:	BTA Oil Producers, LLC
Address:	310 W Wall St Ste 500	Address:	104 S Pecos St.
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	ntinker@btaoil.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Crazy Goat CTB (10.27.2025)	Turn Around	
Project Number:	3054	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date:	72 hr.
Sampler's Name:	JDC/KR		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:	#140	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	+0.3c	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	3.7c	
Total Containers:		Corrected Temperature:	4.0c	

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Hold
S-1 (0-1.0')	11/10/2025		X		G	1		X	X	X	
S-1 (1.5')	11/10/2025		X		G	1		X	X	X	
S-1 (2.0')	11/10/2025		X		G	1		X	X	X	
S-1 (3.0')	11/10/2025		X		G	1		X	X	X	
S-2 (0-1.0')	11/10/2025		X		G	1		X	X	X	
S-2 (1.5')	11/10/2025		X		G	1		X	X	X	
S-2 (2.0')	11/10/2025		X		G	1		X	X	X	
S-2 (3.0')	11/10/2025		X		G	1		X	X	X	
S-3 (0-1.0')	11/10/2025		X		G	1		X	X	X	
S-3 (1.5')	11/10/2025		X		G	1		X	X	X	

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Comments

Comments: 040240IR - all

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	11/10/25 1200		

Received by OCD: 3/16/2026 12:13:19 PM

Released to Imaging: 4/16/2026 3:42:59 PM

Page 78 of 364

Chain of Custody

Work Order No: H257070

Page 2 of 2

Project Manager:	Ashton Thielke	Bill to: (if different)	Noah Tinker
Company Name:	Carmona Resources	Company Name:	BTA Oil Producers, LLC
Address:	310 W Wall St Ste 500	Address:	104 S Pecos St.
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	ntinker@btaoil.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Crazy Goat CTB (10.27.2025)	Turn Around	
Project Number:	3054	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date:	72 hr.
Sampler's Name:	JDC/KR		
PO #:			

SAMPLE RECEIPT

Temp Blank:	Yes (No)	Wet Ice:	Yes (No)
Received Intact:	(Yes) No	Thermometer ID:	#140
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	+0.3c
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	3.7c
Total Containers:		Corrected Temperature:	4.0c

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Hold
S-3 (2.0')	11/10/2025		X		G	1		X	X	X	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Comments

Comments: 04024011h -all

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	11/10/25 1200		

Received by OCD: 3/16/2026 12:13:19 PM

Released to Imaging: 4/16/2026 3:42:59 PM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

November 13, 2025

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: CRAZY GOAT CTB (10.27.2025)

Enclosed are the results of analyses for samples received by the laboratory on 11/10/25 12:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	11/10/2025	Sampling Date:	11/10/2025
Reported:	11/13/2025	Sampling Type:	Soil
Project Name:	CRAZY GOAT CTB (10.27.2025)	Sampling Condition:	Cool & Intact
Project Number:	3054	Sample Received By:	Tamara Oldaker
Project Location:	BTA - LEA CO NM		

Sample ID: H - 1 (0-0.5') (H257071-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2025	ND	2.19	110	2.00	1.84	
Toluene*	<0.050	0.050	11/11/2025	ND	2.23	111	2.00	1.08	
Ethylbenzene*	<0.050	0.050	11/11/2025	ND	2.27	114	2.00	2.12	
Total Xylenes*	<0.150	0.150	11/11/2025	ND	7.06	118	6.00	1.35	
Total BTEX	<0.300	0.300	11/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/11/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2025	ND	219	110	200	2.63	
DRO >C10-C28*	<10.0	10.0	11/12/2025	ND	217	109	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	11/12/2025	ND					

Surrogate: 1-Chlorooctane *102 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *102 %* *39.9-141*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	11/10/2025	Sampling Date:	11/10/2025
Reported:	11/13/2025	Sampling Type:	Soil
Project Name:	CRAZY GOAT CTB (10.27.2025)	Sampling Condition:	Cool & Intact
Project Number:	3054	Sample Received By:	Tamara Oldaker
Project Location:	BTA - LEA CO NM		

Sample ID: H - 2 (0-0.5') (H257071-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2025	ND	2.19	110	2.00	1.84	
Toluene*	<0.050	0.050	11/11/2025	ND	2.23	111	2.00	1.08	
Ethylbenzene*	<0.050	0.050	11/11/2025	ND	2.27	114	2.00	2.12	
Total Xylenes*	<0.150	0.150	11/11/2025	ND	7.06	118	6.00	1.35	
Total BTEX	<0.300	0.300	11/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	11/11/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2025	ND	219	110	200	2.63	
DRO >C10-C28*	**38.5**	10.0	11/12/2025	ND	217	109	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	11/12/2025	ND					

Surrogate: 1-Chlorooctane *99.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *97.2 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	11/10/2025	Sampling Date:	11/10/2025
Reported:	11/13/2025	Sampling Type:	Soil
Project Name:	CRAZY GOAT CTB (10.27.2025)	Sampling Condition:	Cool & Intact
Project Number:	3054	Sample Received By:	Tamara Oldaker
Project Location:	BTA - LEA CO NM		

Sample ID: H - 3 (0-0.5') (H257071-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2025	ND	2.19	110	2.00	1.84	
Toluene*	<0.050	0.050	11/11/2025	ND	2.23	111	2.00	1.08	
Ethylbenzene*	<0.050	0.050	11/11/2025	ND	2.27	114	2.00	2.12	
Total Xylenes*	<0.150	0.150	11/11/2025	ND	7.06	118	6.00	1.35	
Total BTEX	<0.300	0.300	11/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/11/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2025	ND	219	110	200	2.63	
DRO >C10-C28*	<10.0	10.0	11/12/2025	ND	217	109	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	11/12/2025	ND					

Surrogate: 1-Chlorooctane *94.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *92.8 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	11/10/2025	Sampling Date:	11/10/2025
Reported:	11/13/2025	Sampling Type:	Soil
Project Name:	CRAZY GOAT CTB (10.27.2025)	Sampling Condition:	Cool & Intact
Project Number:	3054	Sample Received By:	Tamara Oldaker
Project Location:	BTA - LEA CO NM		

Sample ID: H - 4 (0-0.5') (H257071-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2025	ND	2.23	111	2.00	2.52	
Toluene*	<0.050	0.050	11/12/2025	ND	2.22	111	2.00	2.78	
Ethylbenzene*	<0.050	0.050	11/12/2025	ND	2.18	109	2.00	2.92	
Total Xylenes*	<0.150	0.150	11/12/2025	ND	6.52	109	6.00	2.05	
Total BTEX	<0.300	0.300	11/12/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.3 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/11/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2025	ND	219	110	200	2.63	
DRO >C10-C28*	<10.0	10.0	11/12/2025	ND	217	109	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	11/12/2025	ND					

Surrogate: 1-Chlorooctane *107 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *108 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	11/10/2025	Sampling Date:	11/10/2025
Reported:	11/13/2025	Sampling Type:	Soil
Project Name:	CRAZY GOAT CTB (10.27.2025)	Sampling Condition:	Cool & Intact
Project Number:	3054	Sample Received By:	Tamara Oldaker
Project Location:	BTA - LEA CO NM		

Sample ID: H - 5 (0-0.5') (H257071-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2025	ND	2.23	111	2.00	2.52	
Toluene*	<0.050	0.050	11/12/2025	ND	2.22	111	2.00	2.78	
Ethylbenzene*	<0.050	0.050	11/12/2025	ND	2.18	109	2.00	2.92	
Total Xylenes*	<0.150	0.150	11/12/2025	ND	6.52	109	6.00	2.05	
Total BTEX	<0.300	0.300	11/12/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.0 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	11/11/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2025	ND	219	110	200	2.63	
DRO >C10-C28*	**51.5**	10.0	11/12/2025	ND	217	109	200	1.45	
EXT DRO >C28-C36	**10.4**	10.0	11/12/2025	ND					

Surrogate: 1-Chlorooctane *96.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *97.4 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	11/10/2025	Sampling Date:	11/10/2025
Reported:	11/13/2025	Sampling Type:	Soil
Project Name:	CRAZY GOAT CTB (10.27.2025)	Sampling Condition:	Cool & Intact
Project Number:	3054	Sample Received By:	Tamara Oldaker
Project Location:	BTA - LEA CO NM		

Sample ID: H - 6 (0-0.5') (H257071-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/13/2025	ND	2.23	111	2.00	2.52	
Toluene*	<0.050	0.050	11/13/2025	ND	2.22	111	2.00	2.78	
Ethylbenzene*	<0.050	0.050	11/13/2025	ND	2.18	109	2.00	2.92	
Total Xylenes*	<0.150	0.150	11/13/2025	ND	6.52	109	6.00	2.05	
Total BTEX	<0.300	0.300	11/13/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.4 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/11/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2025	ND	219	110	200	2.63	
DRO >C10-C28*	**12.8**	10.0	11/12/2025	ND	217	109	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	11/12/2025	ND					

Surrogate: 1-Chlorooctane *95.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *94.8 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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Chain of Custody

Work Order No: H257071

Page 1 of 1

Project Manager:	Ashton Thielke	Bill to: (if different)	Noah Tinker
Company Name:	Carmona Resources	Company Name:	BTA Oil Producers, LLC
Address:	310 W Wall St. Ste 500	Address:	104 S. Pecos St.
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	ntinker@btaoil.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Crazy Goat CTB (10.27.2025)	Turn Around	
Project Number:	3054	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 hr.
Sampler's Name:	JDC/KR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	#140
Cooler Custody Seals:	Yes No N/A	Correction Factor:	+0.3°C
Sample Custody Seals:	Yes No N/A	Temperature Reading:	3.7°C
Total Containers:		Corrected Temperature:	4.0°C

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Hold	Sample Comments
H-1 (0-0.5')	11/10/2025		X		G	1		X	X	X		
H-2 (0-0.5')	11/10/2025		X		G	1		X	X	X		
H-3 (0-0.5')	11/10/2025		X		G	1		X	X	X		
H-4 (0-0.5')	11/10/2025		X		G	1		X	X	X		
H-5 (0-0.5')	11/10/2025		X		G	1		X	X	X		
H-6 (0-0.5')	11/10/2025		X		G	1		X	X	X		

Parameters

Comments: all - 04024014

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	11-10-25 1200		

Received by OCD: 3/16/2026 12:13:19 PM

Released to Imaging: 4/16/2026 3:42:59 PM

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/18/2025 7:37:48 AM Revision 1

JOB DESCRIPTION

CRAZY GOAT CTB (10.27.2025)
3054

JOB NUMBER

890-9216-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Released to Imaging: 4/16/2026 3:42:39 PM

my EOL

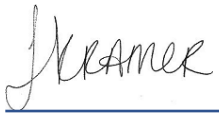
Eurofins Carlsbad

Job Notes

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

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

Authorization



Generated
12/18/2025 7:37:48 AM
Revision 1

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

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Definitions/Glossary

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9216-1
SDG: 3054

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9216-1

Job ID: 890-9216-1 Eurofins Carlsbad

Job Narrative
890-9216-1

REVISION

The report being provided is a revision of the original report sent on 12/16/2025. The report (revision 1) is being revised due to Per client email, requesting sample depth correction.

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 12/11/2025 2:33 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -7.2°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: CS - 1 (5.0') (890-9216-1), CS - 2 (5.0') (890-9216-2), CS - 3 (5.0') (890-9216-3), CS - 4 (5.0') (890-9216-4), CS - 5 (5.0') (890-9216-5), CS - 6 (5.0') (890-9216-6), CS - 7 (5.0') (890-9216-7), CS - 8 (5.0') (890-9216-8), SW - 1 (5.0') (890-9216-9), SW - 2 (5.0') (890-9216-10), SW - 3 (5.0') (890-9216-11), SW - 4 (5.0') (890-9216-12), SW - 5 (5.0') (890-9216-13), SW - 6 (5.0') (890-9216-14), SW - 7 (5.0') (890-9216-15), SW - 8 (5.0') (890-9216-16), SW - 9 (5.0') (890-9216-17) and SW - 10 (5.0') (890-9216-18).

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

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-126564/2-A) and (LCSD 880-126564/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (890-9214-A-1-F MS). 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: CS - 2 (5.0') (890-9216-2) and CS - 3 (5.0') (890-9216-3). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: CS - 8 (5.0') (890-9216-8). 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.

Client Sample Results

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9216-1
SDG: 3054

Client Sample ID: CS - 1 (5.0')

Lab Sample ID: 890-9216-1
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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		12/12/25 13:21	12/13/25 15:28	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/12/25 13:21	12/13/25 15:28	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/12/25 13:21	12/13/25 15:28	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		12/12/25 13:21	12/13/25 15:28	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/12/25 13:21	12/13/25 15:28	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/12/25 13:21	12/13/25 15:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*12/12/25 13:21*	*12/13/25 15:28*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*12/12/25 13:21*	*12/13/25 15:28*	*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			12/13/25 15:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			12/15/25 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	<50.1	U	50.1		mg/Kg		12/12/25 15:46	12/15/25 18:00	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		12/12/25 15:46	12/15/25 18:00	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		12/12/25 15:46	12/15/25 18:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*12/12/25 15:46*	*12/15/25 18:00*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*12/12/25 15:46*	*12/15/25 18:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**499**		10.0		mg/Kg			12/15/25 13:19	1

Client Sample ID: CS - 2 (5.0')

Lab Sample ID: 890-9216-2
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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		12/12/25 13:21	12/13/25 15:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/12/25 13:21	12/13/25 15:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/12/25 13:21	12/13/25 15:49	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		12/12/25 13:21	12/13/25 15:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/12/25 13:21	12/13/25 15:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/12/25 13:21	12/13/25 15:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*12/12/25 13:21*	*12/13/25 15:49*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*12/12/25 13:21*	*12/13/25 15:49*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9216-1
SDG: 3054

Client Sample ID: CS - 2 (5.0')

Lab Sample ID: 890-9216-2
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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			12/13/25 15:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/15/25 18:14	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		12/12/25 15:46	12/15/25 18:14	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/12/25 15:46	12/15/25 18:14	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/12/25 15:46	12/15/25 18:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*140*	*S1+*	*70 - 130*	*12/12/25 15:46*	*12/15/25 18:14*	*1*
o-Terphenyl (Surr)	*148*	*S1+*	*70 - 130*	*12/12/25 15:46*	*12/15/25 18:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1080**		9.92		mg/Kg			12/15/25 13:24	1

Client Sample ID: CS - 3 (5.0')

Lab Sample ID: 890-9216-3
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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		12/12/25 13:21	12/13/25 16:09	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/12/25 13:21	12/13/25 16:09	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/12/25 13:21	12/13/25 16:09	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		12/12/25 13:21	12/13/25 16:09	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/12/25 13:21	12/13/25 16:09	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/12/25 13:21	12/13/25 16:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*12/12/25 13:21*	*12/13/25 16:09*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*12/12/25 13:21*	*12/13/25 16:09*	*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			12/13/25 16:09	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			12/15/25 18:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/12/25 15:46	12/15/25 18:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/12/25 15:46	12/15/25 18:29	1

Client Sample Results

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9216-1
SDG: 3054

Client Sample ID: CS - 3 (5.0')

Lab Sample ID: 890-9216-3
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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		12/12/25 15:46	12/15/25 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*139*	*S1+*	*70 - 130*	*12/12/25 15:46*	*12/15/25 18:29*	*1*
o-Terphenyl (Surr)	*149*	*S1+*	*70 - 130*	*12/12/25 15:46*	*12/15/25 18:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**915**		9.98		mg/Kg			12/15/25 13:39	1

Client Sample ID: CS - 4 (5.0')

Lab Sample ID: 890-9216-4
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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		12/12/25 13:21	12/13/25 16:30	1
Toluene	**0.00286**		0.00200		mg/Kg		12/12/25 13:21	12/13/25 16:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/25 13:21	12/13/25 16:30	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		12/12/25 13:21	12/13/25 16:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/25 13:21	12/13/25 16:30	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/12/25 13:21	12/13/25 16:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*12/12/25 13:21*	*12/13/25 16:30*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*12/12/25 13:21*	*12/13/25 16:30*	*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			12/13/25 16:30	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			12/15/25 18:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/12/25 15:46	12/15/25 18:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/12/25 15:46	12/15/25 18:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/12/25 15:46	12/15/25 18:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*117*		*70 - 130*	*12/12/25 15:46*	*12/15/25 18:44*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*12/12/25 15:46*	*12/15/25 18:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**165**		9.92		mg/Kg			12/15/25 13:44	1

Client Sample Results

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9216-1
SDG: 3054

Client Sample ID: CS - 5 (5.0')

Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

Lab Sample ID: 890-9216-5
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/12/25 13:21	12/13/25 16:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/12/25 13:21	12/13/25 16:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/12/25 13:21	12/13/25 16:51	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		12/12/25 13:21	12/13/25 16:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/12/25 13:21	12/13/25 16:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/12/25 13:21	12/13/25 16:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*12/12/25 13:21*	*12/13/25 16:51*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*12/12/25 13:21*	*12/13/25 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			12/13/25 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	<49.9	U	49.9		mg/Kg			12/15/25 18:58	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	<49.9	U	49.9		mg/Kg		12/12/25 15:46	12/15/25 18:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/12/25 15:46	12/15/25 18:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/12/25 15:46	12/15/25 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*12/12/25 15:46*	*12/15/25 18:58*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*12/12/25 15:46*	*12/15/25 18:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**530**		10.1		mg/Kg			12/15/25 13:49	1

Client Sample ID: CS - 6 (5.0')

Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

Lab Sample ID: 890-9216-6
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/12/25 13:21	12/13/25 17:11	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/12/25 13:21	12/13/25 17:11	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/12/25 13:21	12/13/25 17:11	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		12/12/25 13:21	12/13/25 17:11	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/12/25 13:21	12/13/25 17:11	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/12/25 13:21	12/13/25 17:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*12/12/25 13:21*	*12/13/25 17:11*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*12/12/25 13:21*	*12/13/25 17:11*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9216-1
SDG: 3054

Client Sample ID: CS - 6 (5.0')

Lab Sample ID: 890-9216-6
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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			12/13/25 17:11	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			12/15/25 19:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/12/25 15:46	12/15/25 19:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/12/25 15:46	12/15/25 19:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/12/25 15:46	12/15/25 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*12/12/25 15:46*	*12/15/25 19:13*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*12/12/25 15:46*	*12/15/25 19:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1200**		9.96		mg/Kg			12/15/25 13:54	1

Client Sample ID: CS - 7 (5.0')

Lab Sample ID: 890-9216-7
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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		12/12/25 13:21	12/13/25 17:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/12/25 13:21	12/13/25 17:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/12/25 13:21	12/13/25 17:32	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		12/12/25 13:21	12/13/25 17:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/12/25 13:21	12/13/25 17:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/12/25 13:21	12/13/25 17:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*12/12/25 13:21*	*12/13/25 17:32*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*12/12/25 13:21*	*12/13/25 17:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/13/25 17:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/15/25 19:28	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		12/12/25 15:46	12/15/25 19:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/12/25 15:46	12/15/25 19:28	1

Client Sample Results

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9216-1
SDG: 3054

Client Sample ID: CS - 7 (5.0')

Lab Sample ID: 890-9216-7
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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		12/12/25 15:46	12/15/25 19:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*12/12/25 15:46*	*12/15/25 19:28*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*12/12/25 15:46*	*12/15/25 19:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**152**		10.0		mg/Kg			12/15/25 13:59	1

Client Sample ID: CS - 8 (5.0')

Lab Sample ID: 890-9216-8
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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		12/12/25 13:21	12/13/25 17:52	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/12/25 13:21	12/13/25 17:52	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/12/25 13:21	12/13/25 17:52	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		12/12/25 13:21	12/13/25 17:52	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/12/25 13:21	12/13/25 17:52	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/12/25 13:21	12/13/25 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*12/12/25 13:21*	*12/13/25 17:52*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*12/12/25 13:21*	*12/13/25 17:52*	*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			12/13/25 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	<49.8	U	49.8		mg/Kg			12/15/25 19:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/12/25 15:46	12/15/25 19:42	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/12/25 15:46	12/15/25 19:42	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/12/25 15:46	12/15/25 19:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*134*	*S1+*	*70 - 130*	*12/12/25 15:46*	*12/15/25 19:42*	*1*
o-Terphenyl (Surr)	*141*	*S1+*	*70 - 130*	*12/12/25 15:46*	*12/15/25 19:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**88.4**		10.0		mg/Kg			12/15/25 14:03	1

Client Sample Results

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9216-1
SDG: 3054

Client Sample ID: SW - 1 (5.0')

Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

Lab Sample ID: 890-9216-9
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/12/25 13:21	12/13/25 18:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/25 13:21	12/13/25 18:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/25 13:21	12/13/25 18:13	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		12/12/25 13:21	12/13/25 18:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/25 13:21	12/13/25 18:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/12/25 13:21	12/13/25 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*12/12/25 13:21*	*12/13/25 18:13*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*12/12/25 13:21*	*12/13/25 18:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/13/25 18:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/15/25 19:57	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	<49.9	U	49.9		mg/Kg		12/12/25 15:46	12/15/25 19:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/12/25 15:46	12/15/25 19:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/12/25 15:46	12/15/25 19:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*12/12/25 15:46*	*12/15/25 19:57*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*12/12/25 15:46*	*12/15/25 19:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**919**		10.1		mg/Kg			12/15/25 14:18	1

Client Sample ID: SW - 2 (5.0')

Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

Lab Sample ID: 890-9216-10
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/12/25 13:21	12/13/25 19:47	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/12/25 13:21	12/13/25 19:47	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/12/25 13:21	12/13/25 19:47	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		12/12/25 13:21	12/13/25 19:47	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/12/25 13:21	12/13/25 19:47	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/12/25 13:21	12/13/25 19:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*12/12/25 13:21*	*12/13/25 19:47*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*12/12/25 13:21*	*12/13/25 19:47*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9216-1
SDG: 3054

Client Sample ID: SW - 2 (5.0')

Lab Sample ID: 890-9216-10
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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			12/13/25 19:47	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			12/15/25 20:27	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	<49.9	U	49.9		mg/Kg		12/12/25 15:46	12/15/25 20:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/12/25 15:46	12/15/25 20:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/12/25 15:46	12/15/25 20:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*115*		*70 - 130*	*12/12/25 15:46*	*12/15/25 20:27*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*12/12/25 15:46*	*12/15/25 20:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**191**		9.92		mg/Kg			12/15/25 14:23	1

Client Sample ID: SW - 3 (5.0')

Lab Sample ID: 890-9216-11
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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		12/12/25 13:21	12/13/25 20:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/25 13:21	12/13/25 20:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/25 13:21	12/13/25 20:08	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		12/12/25 13:21	12/13/25 20:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/25 13:21	12/13/25 20:08	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/12/25 13:21	12/13/25 20:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*12/12/25 13:21*	*12/13/25 20:08*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*12/12/25 13:21*	*12/13/25 20:08*	*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			12/13/25 20:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/15/25 20:42	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	<50.0	U	50.0		mg/Kg		12/12/25 15:46	12/15/25 20:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/12/25 15:46	12/15/25 20:42	1

Client Sample Results

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9216-1
SDG: 3054

Client Sample ID: SW - 3 (5.0')

Lab Sample ID: 890-9216-11
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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		12/12/25 15:46	12/15/25 20:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*12/12/25 15:46*	*12/15/25 20:42*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*12/12/25 15:46*	*12/15/25 20:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**526**		9.98		mg/Kg			12/15/25 14:38	1

Client Sample ID: SW - 4 (5.0')

Lab Sample ID: 890-9216-12
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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		12/12/25 13:21	12/13/25 20:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/12/25 13:21	12/13/25 20:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/12/25 13:21	12/13/25 20:29	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		12/12/25 13:21	12/13/25 20:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/12/25 13:21	12/13/25 20:29	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/12/25 13:21	12/13/25 20:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*12/12/25 13:21*	*12/13/25 20:29*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*12/12/25 13:21*	*12/13/25 20:29*	*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			12/13/25 20:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/15/25 20:57	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	<49.8	U	49.8		mg/Kg		12/12/25 15:46	12/15/25 20:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/12/25 15:46	12/15/25 20:57	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/12/25 15:46	12/15/25 20:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*126*		*70 - 130*	*12/12/25 15:46*	*12/15/25 20:57*	*1*
o-Terphenyl (Surr)	*126*		*70 - 130*	*12/12/25 15:46*	*12/15/25 20:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**988**		9.92		mg/Kg			12/15/25 14:43	1

Client Sample Results

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9216-1
SDG: 3054

Client Sample ID: SW - 5 (5.0')

Lab Sample ID: 890-9216-13
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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		12/12/25 13:21	12/13/25 20:49	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/12/25 13:21	12/13/25 20:49	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/12/25 13:21	12/13/25 20:49	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		12/12/25 13:21	12/13/25 20:49	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/12/25 13:21	12/13/25 20:49	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/12/25 13:21	12/13/25 20:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*12/12/25 13:21*	*12/13/25 20:49*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*12/12/25 13:21*	*12/13/25 20:49*	*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			12/13/25 20:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/15/25 21:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/12/25 15:46	12/15/25 21:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/12/25 15:46	12/15/25 21:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/25 15:46	12/15/25 21:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*12/12/25 15:46*	*12/15/25 21:12*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*12/12/25 15:46*	*12/15/25 21:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**153**		10.1		mg/Kg			12/15/25 14:48	1

Client Sample ID: SW - 6 (5.0')

Lab Sample ID: 890-9216-14
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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		12/12/25 13:21	12/13/25 21:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/12/25 13:21	12/13/25 21:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/12/25 13:21	12/13/25 21:10	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		12/12/25 13:21	12/13/25 21:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/12/25 13:21	12/13/25 21:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/12/25 13:21	12/13/25 21:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*12/12/25 13:21*	*12/13/25 21:10*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*12/12/25 13:21*	*12/13/25 21:10*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9216-1
SDG: 3054

Client Sample ID: SW - 6 (5.0')

Lab Sample ID: 890-9216-14
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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			12/13/25 21:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/15/25 21:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/12/25 15:46	12/15/25 21:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/12/25 15:46	12/15/25 21:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/12/25 15:46	12/15/25 21:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*125*		*70 - 130*	*12/12/25 15:46*	*12/15/25 21:26*	*1*
o-Terphenyl (Surr)	*125*		*70 - 130*	*12/12/25 15:46*	*12/15/25 21:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**167**		9.94		mg/Kg			12/15/25 14:53	1

Client Sample ID: SW - 7 (5.0')

Lab Sample ID: 890-9216-15
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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		12/12/25 13:21	12/13/25 21:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/12/25 13:21	12/13/25 21:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/12/25 13:21	12/13/25 21:31	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		12/12/25 13:21	12/13/25 21:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/12/25 13:21	12/13/25 21:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/12/25 13:21	12/13/25 21:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*12/12/25 13:21*	*12/13/25 21:31*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*12/12/25 13:21*	*12/13/25 21:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/13/25 21:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/15/25 21:42	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	<49.9	U	49.9		mg/Kg		12/12/25 15:46	12/15/25 21:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/12/25 15:46	12/15/25 21:42	1

Client Sample Results

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9216-1
SDG: 3054

Client Sample ID: SW - 7 (5.0')

Lab Sample ID: 890-9216-15
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/12/25 15:46	12/15/25 21:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*12/12/25 15:46*	*12/15/25 21:42*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*12/12/25 15:46*	*12/15/25 21:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**120**		9.92		mg/Kg			12/15/25 14:58	1

Client Sample ID: SW - 8 (5.0')

Lab Sample ID: 890-9216-16
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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		12/12/25 13:21	12/13/25 21:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/25 13:21	12/13/25 21:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/25 13:21	12/13/25 21:51	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		12/12/25 13:21	12/13/25 21:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/25 13:21	12/13/25 21:51	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/12/25 13:21	12/13/25 21:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*12/12/25 13:21*	*12/13/25 21:51*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*12/12/25 13:21*	*12/13/25 21:51*	*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			12/13/25 21:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/15/25 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	50.0		mg/Kg		12/12/25 15:46	12/15/25 21:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/12/25 15:46	12/15/25 21:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/25 15:46	12/15/25 21:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*12/12/25 15:46*	*12/15/25 21:57*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*12/12/25 15:46*	*12/15/25 21:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**164**		9.98		mg/Kg			12/15/25 15:03	1

Client Sample Results

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9216-1
SDG: 3054

Client Sample ID: SW - 9 (5.0')

Lab Sample ID: 890-9216-17
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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		12/12/25 13:21	12/13/25 22:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/12/25 13:21	12/13/25 22:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/12/25 13:21	12/13/25 22:12	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		12/12/25 13:21	12/13/25 22:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/12/25 13:21	12/13/25 22:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/12/25 13:21	12/13/25 22:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*12/12/25 13:21*	*12/13/25 22:12*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*12/12/25 13:21*	*12/13/25 22:12*	*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			12/13/25 22:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/15/25 22:11	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	<49.8	U	49.8		mg/Kg		12/12/25 15:46	12/15/25 22:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/12/25 15:46	12/15/25 22:11	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/12/25 15:46	12/15/25 22:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*129*		*70 - 130*	*12/12/25 15:46*	*12/15/25 22:11*	*1*
o-Terphenyl (Surr)	*128*		*70 - 130*	*12/12/25 15:46*	*12/15/25 22:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**92.1**		10.1		mg/Kg			12/15/25 15:08	1

Client Sample ID: SW - 10 (5.0')

Lab Sample ID: 890-9216-18
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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		12/12/25 13:21	12/13/25 22:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/12/25 13:21	12/13/25 22:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/12/25 13:21	12/13/25 22:32	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		12/12/25 13:21	12/13/25 22:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/12/25 13:21	12/13/25 22:32	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/12/25 13:21	12/13/25 22:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*12/12/25 13:21*	*12/13/25 22:32*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*12/12/25 13:21*	*12/13/25 22:32*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9216-1
SDG: 3054

Client Sample ID: SW - 10 (5.0')

Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

Lab Sample ID: 890-9216-18

Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			12/13/25 22:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/15/25 22:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/12/25 15:46	12/15/25 22:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/12/25 15:46	12/15/25 22:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/25 15:46	12/15/25 22:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*12/12/25 15:46*	*12/15/25 22:26*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*12/12/25 15:46*	*12/15/25 22:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**154**		9.94		mg/Kg			12/15/25 13:02	1

Surrogate Summary

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9216-1
SDG: 3054

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-9214-A-1-A MS	Matrix Spike	91	107
890-9214-A-1-B MSD	Matrix Spike Duplicate	93	98
890-9216-1	CS - 1 (5.0')	106	94
890-9216-2	CS - 2 (5.0')	99	91
890-9216-3	CS - 3 (5.0')	97	92
890-9216-4	CS - 4 (5.0')	89	83
890-9216-5	CS - 5 (5.0')	106	91
890-9216-6	CS - 6 (5.0')	101	85
890-9216-7	CS - 7 (5.0')	95	86
890-9216-8	CS - 8 (5.0')	94	96
890-9216-9	SW - 1 (5.0')	108	93
890-9216-10	SW - 2 (5.0')	103	91
890-9216-11	SW - 3 (5.0')	103	96
890-9216-12	SW - 4 (5.0')	95	98
890-9216-13	SW - 5 (5.0')	102	92
890-9216-14	SW - 6 (5.0')	94	92
890-9216-15	SW - 7 (5.0')	93	93
890-9216-16	SW - 8 (5.0')	99	96
890-9216-17	SW - 9 (5.0')	104	89
890-9216-18	SW - 10 (5.0')	104	87
LCS 880-126523/1-A	Lab Control Sample	95	93
LCSD 880-126523/2-A	Lab Control Sample Dup	95	95
MB 880-126523/5-A	Method Blank	99	85

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-9214-A-1-F MS	Matrix Spike	128	134 S1+
890-9214-A-1-G MSD	Matrix Spike Duplicate	113	116
890-9216-1	CS - 1 (5.0')	111	103
890-9216-2	CS - 2 (5.0')	140 S1+	148 S1+
890-9216-3	CS - 3 (5.0')	139 S1+	149 S1+
890-9216-4	CS - 4 (5.0')	117	112
890-9216-5	CS - 5 (5.0')	106	99
890-9216-6	CS - 6 (5.0')	111	111
890-9216-7	CS - 7 (5.0')	116	114
890-9216-8	CS - 8 (5.0')	134 S1+	141 S1+
890-9216-9	SW - 1 (5.0')	109	108
890-9216-10	SW - 2 (5.0')	115	110
890-9216-11	SW - 3 (5.0')	110	104
890-9216-12	SW - 4 (5.0')	126	126
890-9216-13	SW - 5 (5.0')	114	110
890-9216-14	SW - 6 (5.0')	125	125

Surrogate Summary

Client: Carmona Resources
Job ID: 890-9216-1
Project/Site: CRAZY GOAT CTB (10.27.2025)
SDG: 3054

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)								
890-9216-15	SW - 7 (5.0')	112	107								
890-9216-16	SW - 8 (5.0')	116	110								
890-9216-17	SW - 9 (5.0')	129	128								
890-9216-18	SW - 10 (5.0')	110	105								
LCS 880-126564/2-A	Lab Control Sample	133 S1+	147 S1+								
LCSD 880-126564/3-A	Lab Control Sample Dup	129	136 S1+								
MB 880-126564/1-A	Method Blank	123	113								

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9216-1
SDG: 3054

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-126523/5-A
Matrix: Solid
Analysis Batch: 126592

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 126523

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/12/25 13:21	12/13/25 14:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/25 13:21	12/13/25 14:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/25 13:21	12/13/25 14:46	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		12/12/25 13:21	12/13/25 14:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/25 13:21	12/13/25 14:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/12/25 13:21	12/13/25 14:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*12/12/25 13:21*	*12/13/25 14:46*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*12/12/25 13:21*	*12/13/25 14:46*	*1*

Lab Sample ID: LCS 880-126523/1-A
Matrix: Solid
Analysis Batch: 126592

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 126523

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09816		mg/Kg		98	70 - 130
Toluene	0.100	0.09577		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.09741		mg/Kg		97	70 - 130
m,p-Xylenes	0.200	0.1962		mg/Kg		98	70 - 130
o-Xylene	0.100	0.09364		mg/Kg		94	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: LCSD 880-126523/2-A
Matrix: Solid
Analysis Batch: 126592

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 126523

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09262		mg/Kg		93	70 - 130	6	35
Toluene	0.100	0.09910		mg/Kg		99	70 - 130	3	35
Ethylbenzene	0.100	0.1052		mg/Kg		105	70 - 130	8	35
m,p-Xylenes	0.200	0.2054		mg/Kg		103	70 - 130	5	35
o-Xylene	0.100	0.09838		mg/Kg		98	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: 890-9214-A-1-A MS
Matrix: Solid
Analysis Batch: 126592

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 126523

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08693		mg/Kg		87	70 - 130
Toluene	<0.00200	U	0.100	0.07637		mg/Kg		76	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9216-1
SDG: 3054

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

Lab Sample ID: 890-9214-A-1-A MS
Matrix: Solid
Analysis Batch: 126592

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 126523

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.08817		mg/Kg		88	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1774		mg/Kg		89	70 - 130
o-Xylene	<0.00200	U	0.100	0.08829		mg/Kg		88	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: 890-9214-A-1-B MSD
Matrix: Solid
Analysis Batch: 126592

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 126523

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08262		mg/Kg		83	70 - 130	5	35
Toluene	<0.00200	U	0.100	0.07343		mg/Kg		73	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.100	0.07944		mg/Kg		79	70 - 130	10	35
m,p-Xylenes	<0.00399	U	0.200	0.1576		mg/Kg		79	70 - 130	12	35
o-Xylene	<0.00200	U	0.100	0.08066		mg/Kg		81	70 - 130	9	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

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

Lab Sample ID: MB 880-126564/1-A
Matrix: Solid
Analysis Batch: 126715

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 126564

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		12/12/25 15:46	12/15/25 13:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/12/25 15:46	12/15/25 13:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/25 15:46	12/15/25 13:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*123*		*70 - 130*	*12/12/25 15:46*	*12/15/25 13:49*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*12/12/25 15:46*	*12/15/25 13:49*	*1*

Lab Sample ID: LCS 880-126564/2-A
Matrix: Solid
Analysis Batch: 126715

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 126564

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1023		mg/Kg		102	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1204		mg/Kg		120	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9216-1
SDG: 3054

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

Lab Sample ID: LCS 880-126564/2-A
Matrix: Solid
Analysis Batch: 126715

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 126564

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	133	S1+	70 - 130
o-Terphenyl (Surr)	147	S1+	70 - 130

Lab Sample ID: LCSD 880-126564/3-A
Matrix: Solid
Analysis Batch: 126715

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 126564

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1012		mg/Kg		101	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1159		mg/Kg		116	70 - 130	4	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	129		70 - 130
o-Terphenyl (Surr)	136	S1+	70 - 130

Lab Sample ID: 890-9214-A-1-F MS
Matrix: Solid
Analysis Batch: 126715

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 126564

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	902.8		mg/Kg		90	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	999	915.0		mg/Kg		92	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	128		70 - 130
o-Terphenyl (Surr)	134	S1+	70 - 130

Lab Sample ID: 890-9214-A-1-G MSD
Matrix: Solid
Analysis Batch: 126715

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 126564

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	849.0		mg/Kg		85	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	788.6		mg/Kg		79	70 - 130	15	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	113		70 - 130
o-Terphenyl (Surr)	116		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9216-1
SDG: 3054

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-126530/1-A
Matrix: Solid
Analysis Batch: 126535

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/15/25 12:40	1

Lab Sample ID: LCS 880-126530/2-A
Matrix: Solid
Analysis Batch: 126535

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	235.7		mg/Kg		94	90 - 110

Lab Sample ID: LCSD 880-126530/3-A
Matrix: Solid
Analysis Batch: 126535

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	236.4		mg/Kg		95	90 - 110	0	20

Lab Sample ID: 890-9216-8 MS
Matrix: Solid
Analysis Batch: 126535

Client Sample ID: CS - 8 (5.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	88.4		251	321.6		mg/Kg		93	90 - 110

Lab Sample ID: 890-9216-8 MSD
Matrix: Solid
Analysis Batch: 126535

Client Sample ID: CS - 8 (5.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	88.4		251	321.6		mg/Kg		93	90 - 110	0	20

Lab Sample ID: MB 880-126612/1-A
Matrix: Solid
Analysis Batch: 126653

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/15/25 12:46	1

Lab Sample ID: LCS 880-126612/2-A
Matrix: Solid
Analysis Batch: 126653

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	235.9		mg/Kg		94	90 - 110

Lab Sample ID: LCSD 880-126612/3-A
Matrix: Solid
Analysis Batch: 126653

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	235.8		mg/Kg		94	90 - 110	0	20

QC Sample Results

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9216-1
SDG: 3054

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-9216-18 MS
Matrix: Solid
Analysis Batch: 126653

Client Sample ID: SW - 10 (5.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	154		249	399.7		mg/Kg		99	90 - 110		

Lab Sample ID: 890-9216-18 MSD
Matrix: Solid
Analysis Batch: 126653

Client Sample ID: SW - 10 (5.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	154		249	400.1		mg/Kg		99	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9216-1
SDG: 3054

GC VOA

Prep Batch: 126523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9216-1	CS - 1 (5.0')	Total/NA	Solid	5035	
890-9216-2	CS - 2 (5.0')	Total/NA	Solid	5035	
890-9216-3	CS - 3 (5.0')	Total/NA	Solid	5035	
890-9216-4	CS - 4 (5.0')	Total/NA	Solid	5035	
890-9216-5	CS - 5 (5.0')	Total/NA	Solid	5035	
890-9216-6	CS - 6 (5.0')	Total/NA	Solid	5035	
890-9216-7	CS - 7 (5.0')	Total/NA	Solid	5035	
890-9216-8	CS - 8 (5.0')	Total/NA	Solid	5035	
890-9216-9	SW - 1 (5.0')	Total/NA	Solid	5035	
890-9216-10	SW - 2 (5.0')	Total/NA	Solid	5035	
890-9216-11	SW - 3 (5.0')	Total/NA	Solid	5035	
890-9216-12	SW - 4 (5.0')	Total/NA	Solid	5035	
890-9216-13	SW - 5 (5.0')	Total/NA	Solid	5035	
890-9216-14	SW - 6 (5.0')	Total/NA	Solid	5035	
890-9216-15	SW - 7 (5.0')	Total/NA	Solid	5035	
890-9216-16	SW - 8 (5.0')	Total/NA	Solid	5035	
890-9216-17	SW - 9 (5.0')	Total/NA	Solid	5035	
890-9216-18	SW - 10 (5.0')	Total/NA	Solid	5035	
MB 880-126523/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-126523/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-126523/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9214-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
890-9214-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 126592

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9216-1	CS - 1 (5.0')	Total/NA	Solid	8021B	126523
890-9216-2	CS - 2 (5.0')	Total/NA	Solid	8021B	126523
890-9216-3	CS - 3 (5.0')	Total/NA	Solid	8021B	126523
890-9216-4	CS - 4 (5.0')	Total/NA	Solid	8021B	126523
890-9216-5	CS - 5 (5.0')	Total/NA	Solid	8021B	126523
890-9216-6	CS - 6 (5.0')	Total/NA	Solid	8021B	126523
890-9216-7	CS - 7 (5.0')	Total/NA	Solid	8021B	126523
890-9216-8	CS - 8 (5.0')	Total/NA	Solid	8021B	126523
890-9216-9	SW - 1 (5.0')	Total/NA	Solid	8021B	126523
890-9216-10	SW - 2 (5.0')	Total/NA	Solid	8021B	126523
890-9216-11	SW - 3 (5.0')	Total/NA	Solid	8021B	126523
890-9216-12	SW - 4 (5.0')	Total/NA	Solid	8021B	126523
890-9216-13	SW - 5 (5.0')	Total/NA	Solid	8021B	126523
890-9216-14	SW - 6 (5.0')	Total/NA	Solid	8021B	126523
890-9216-15	SW - 7 (5.0')	Total/NA	Solid	8021B	126523
890-9216-16	SW - 8 (5.0')	Total/NA	Solid	8021B	126523
890-9216-17	SW - 9 (5.0')	Total/NA	Solid	8021B	126523
890-9216-18	SW - 10 (5.0')	Total/NA	Solid	8021B	126523
MB 880-126523/5-A	Method Blank	Total/NA	Solid	8021B	126523
LCS 880-126523/1-A	Lab Control Sample	Total/NA	Solid	8021B	126523
LCSD 880-126523/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	126523
890-9214-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	126523
890-9214-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	126523

QC Association Summary

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9216-1
SDG: 3054

GC VOA

Analysis Batch: 126707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9216-1	CS - 1 (5.0')	Total/NA	Solid	Total BTEX	
890-9216-2	CS - 2 (5.0')	Total/NA	Solid	Total BTEX	
890-9216-3	CS - 3 (5.0')	Total/NA	Solid	Total BTEX	
890-9216-4	CS - 4 (5.0')	Total/NA	Solid	Total BTEX	
890-9216-5	CS - 5 (5.0')	Total/NA	Solid	Total BTEX	
890-9216-6	CS - 6 (5.0')	Total/NA	Solid	Total BTEX	
890-9216-7	CS - 7 (5.0')	Total/NA	Solid	Total BTEX	
890-9216-8	CS - 8 (5.0')	Total/NA	Solid	Total BTEX	
890-9216-9	SW - 1 (5.0')	Total/NA	Solid	Total BTEX	
890-9216-10	SW - 2 (5.0')	Total/NA	Solid	Total BTEX	
890-9216-11	SW - 3 (5.0')	Total/NA	Solid	Total BTEX	
890-9216-12	SW - 4 (5.0')	Total/NA	Solid	Total BTEX	
890-9216-13	SW - 5 (5.0')	Total/NA	Solid	Total BTEX	
890-9216-14	SW - 6 (5.0')	Total/NA	Solid	Total BTEX	
890-9216-15	SW - 7 (5.0')	Total/NA	Solid	Total BTEX	
890-9216-16	SW - 8 (5.0')	Total/NA	Solid	Total BTEX	
890-9216-17	SW - 9 (5.0')	Total/NA	Solid	Total BTEX	
890-9216-18	SW - 10 (5.0')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 126564

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9216-1	CS - 1 (5.0')	Total/NA	Solid	8015NM Prep	
890-9216-2	CS - 2 (5.0')	Total/NA	Solid	8015NM Prep	
890-9216-3	CS - 3 (5.0')	Total/NA	Solid	8015NM Prep	
890-9216-4	CS - 4 (5.0')	Total/NA	Solid	8015NM Prep	
890-9216-5	CS - 5 (5.0')	Total/NA	Solid	8015NM Prep	
890-9216-6	CS - 6 (5.0')	Total/NA	Solid	8015NM Prep	
890-9216-7	CS - 7 (5.0')	Total/NA	Solid	8015NM Prep	
890-9216-8	CS - 8 (5.0')	Total/NA	Solid	8015NM Prep	
890-9216-9	SW - 1 (5.0')	Total/NA	Solid	8015NM Prep	
890-9216-10	SW - 2 (5.0')	Total/NA	Solid	8015NM Prep	
890-9216-11	SW - 3 (5.0')	Total/NA	Solid	8015NM Prep	
890-9216-12	SW - 4 (5.0')	Total/NA	Solid	8015NM Prep	
890-9216-13	SW - 5 (5.0')	Total/NA	Solid	8015NM Prep	
890-9216-14	SW - 6 (5.0')	Total/NA	Solid	8015NM Prep	
890-9216-15	SW - 7 (5.0')	Total/NA	Solid	8015NM Prep	
890-9216-16	SW - 8 (5.0')	Total/NA	Solid	8015NM Prep	
890-9216-17	SW - 9 (5.0')	Total/NA	Solid	8015NM Prep	
890-9216-18	SW - 10 (5.0')	Total/NA	Solid	8015NM Prep	
MB 880-126564/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-126564/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-126564/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9214-A-1-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9214-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 126715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9216-1	CS - 1 (5.0')	Total/NA	Solid	8015B NM	126564
890-9216-2	CS - 2 (5.0')	Total/NA	Solid	8015B NM	126564

QC Association Summary

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9216-1
SDG: 3054

GC Semi VOA (Continued)

Analysis Batch: 126715 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9216-3	CS - 3 (5.0')	Total/NA	Solid	8015B NM	126564
890-9216-4	CS - 4 (5.0')	Total/NA	Solid	8015B NM	126564
890-9216-5	CS - 5 (5.0')	Total/NA	Solid	8015B NM	126564
890-9216-6	CS - 6 (5.0')	Total/NA	Solid	8015B NM	126564
890-9216-7	CS - 7 (5.0')	Total/NA	Solid	8015B NM	126564
890-9216-8	CS - 8 (5.0')	Total/NA	Solid	8015B NM	126564
890-9216-9	SW - 1 (5.0')	Total/NA	Solid	8015B NM	126564
890-9216-10	SW - 2 (5.0')	Total/NA	Solid	8015B NM	126564
890-9216-11	SW - 3 (5.0')	Total/NA	Solid	8015B NM	126564
890-9216-12	SW - 4 (5.0')	Total/NA	Solid	8015B NM	126564
890-9216-13	SW - 5 (5.0')	Total/NA	Solid	8015B NM	126564
890-9216-14	SW - 6 (5.0')	Total/NA	Solid	8015B NM	126564
890-9216-15	SW - 7 (5.0')	Total/NA	Solid	8015B NM	126564
890-9216-16	SW - 8 (5.0')	Total/NA	Solid	8015B NM	126564
890-9216-17	SW - 9 (5.0')	Total/NA	Solid	8015B NM	126564
890-9216-18	SW - 10 (5.0')	Total/NA	Solid	8015B NM	126564
MB 880-126564/1-A	Method Blank	Total/NA	Solid	8015B NM	126564
LCS 880-126564/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	126564
LCSD 880-126564/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	126564
890-9214-A-1-F MS	Matrix Spike	Total/NA	Solid	8015B NM	126564
890-9214-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	126564

Analysis Batch: 126894

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9216-1	CS - 1 (5.0')	Total/NA	Solid	8015 NM	
890-9216-2	CS - 2 (5.0')	Total/NA	Solid	8015 NM	
890-9216-3	CS - 3 (5.0')	Total/NA	Solid	8015 NM	
890-9216-4	CS - 4 (5.0')	Total/NA	Solid	8015 NM	
890-9216-5	CS - 5 (5.0')	Total/NA	Solid	8015 NM	
890-9216-6	CS - 6 (5.0')	Total/NA	Solid	8015 NM	
890-9216-7	CS - 7 (5.0')	Total/NA	Solid	8015 NM	
890-9216-8	CS - 8 (5.0')	Total/NA	Solid	8015 NM	
890-9216-9	SW - 1 (5.0')	Total/NA	Solid	8015 NM	
890-9216-10	SW - 2 (5.0')	Total/NA	Solid	8015 NM	
890-9216-11	SW - 3 (5.0')	Total/NA	Solid	8015 NM	
890-9216-12	SW - 4 (5.0')	Total/NA	Solid	8015 NM	
890-9216-13	SW - 5 (5.0')	Total/NA	Solid	8015 NM	
890-9216-14	SW - 6 (5.0')	Total/NA	Solid	8015 NM	
890-9216-15	SW - 7 (5.0')	Total/NA	Solid	8015 NM	
890-9216-16	SW - 8 (5.0')	Total/NA	Solid	8015 NM	
890-9216-17	SW - 9 (5.0')	Total/NA	Solid	8015 NM	
890-9216-18	SW - 10 (5.0')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 126530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9216-1	CS - 1 (5.0')	Soluble	Solid	DI Leach	
890-9216-2	CS - 2 (5.0')	Soluble	Solid	DI Leach	
890-9216-3	CS - 3 (5.0')	Soluble	Solid	DI Leach	
890-9216-4	CS - 4 (5.0')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9216-1
SDG: 3054

HPLC/IC (Continued)

Leach Batch: 126530 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9216-5	CS - 5 (5.0')	Soluble	Solid	DI Leach	
890-9216-6	CS - 6 (5.0')	Soluble	Solid	DI Leach	
890-9216-7	CS - 7 (5.0')	Soluble	Solid	DI Leach	
890-9216-8	CS - 8 (5.0')	Soluble	Solid	DI Leach	
890-9216-9	SW - 1 (5.0')	Soluble	Solid	DI Leach	
890-9216-10	SW - 2 (5.0')	Soluble	Solid	DI Leach	
890-9216-11	SW - 3 (5.0')	Soluble	Solid	DI Leach	
890-9216-12	SW - 4 (5.0')	Soluble	Solid	DI Leach	
890-9216-13	SW - 5 (5.0')	Soluble	Solid	DI Leach	
890-9216-14	SW - 6 (5.0')	Soluble	Solid	DI Leach	
890-9216-15	SW - 7 (5.0')	Soluble	Solid	DI Leach	
890-9216-16	SW - 8 (5.0')	Soluble	Solid	DI Leach	
890-9216-17	SW - 9 (5.0')	Soluble	Solid	DI Leach	
MB 880-126530/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-126530/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-126530/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9216-8 MS	CS - 8 (5.0')	Soluble	Solid	DI Leach	
890-9216-8 MSD	CS - 8 (5.0')	Soluble	Solid	DI Leach	

Analysis Batch: 126535

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9216-1	CS - 1 (5.0')	Soluble	Solid	300.0	126530
890-9216-2	CS - 2 (5.0')	Soluble	Solid	300.0	126530
890-9216-3	CS - 3 (5.0')	Soluble	Solid	300.0	126530
890-9216-4	CS - 4 (5.0')	Soluble	Solid	300.0	126530
890-9216-5	CS - 5 (5.0')	Soluble	Solid	300.0	126530
890-9216-6	CS - 6 (5.0')	Soluble	Solid	300.0	126530
890-9216-7	CS - 7 (5.0')	Soluble	Solid	300.0	126530
890-9216-8	CS - 8 (5.0')	Soluble	Solid	300.0	126530
890-9216-9	SW - 1 (5.0')	Soluble	Solid	300.0	126530
890-9216-10	SW - 2 (5.0')	Soluble	Solid	300.0	126530
890-9216-11	SW - 3 (5.0')	Soluble	Solid	300.0	126530
890-9216-12	SW - 4 (5.0')	Soluble	Solid	300.0	126530
890-9216-13	SW - 5 (5.0')	Soluble	Solid	300.0	126530
890-9216-14	SW - 6 (5.0')	Soluble	Solid	300.0	126530
890-9216-15	SW - 7 (5.0')	Soluble	Solid	300.0	126530
890-9216-16	SW - 8 (5.0')	Soluble	Solid	300.0	126530
890-9216-17	SW - 9 (5.0')	Soluble	Solid	300.0	126530
MB 880-126530/1-A	Method Blank	Soluble	Solid	300.0	126530
LCS 880-126530/2-A	Lab Control Sample	Soluble	Solid	300.0	126530
LCSD 880-126530/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	126530
890-9216-8 MS	CS - 8 (5.0')	Soluble	Solid	300.0	126530
890-9216-8 MSD	CS - 8 (5.0')	Soluble	Solid	300.0	126530

Leach Batch: 126612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9216-18	SW - 10 (5.0')	Soluble	Solid	DI Leach	
MB 880-126612/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-126612/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-126612/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9216-18 MS	SW - 10 (5.0')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9216-1
SDG: 3054

HPLC/IC (Continued)

Leach Batch: 126612 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9216-18 MSD	SW - 10 (5.0')	Soluble	Solid	DI Leach	

Analysis Batch: 126653

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9216-18	SW - 10 (5.0')	Soluble	Solid	300.0	126612
MB 880-126612/1-A	Method Blank	Soluble	Solid	300.0	126612
LCS 880-126612/2-A	Lab Control Sample	Soluble	Solid	300.0	126612
LCSD 880-126612/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	126612
890-9216-18 MS	SW - 10 (5.0')	Soluble	Solid	300.0	126612
890-9216-18 MSD	SW - 10 (5.0')	Soluble	Solid	300.0	126612

Lab Chronicle

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9216-1
SDG: 3054

Client Sample ID: CS - 1 (5.0')
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

Lab Sample ID: 890-9216-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	126523	12/12/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126592	12/13/25 15:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126707	12/13/25 15:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			126894	12/15/25 18:00	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	126564	12/12/25 15:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126715	12/15/25 18:00	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	126530	12/12/25 13:42	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	126535	12/15/25 13:19	CS	EET MID

Client Sample ID: CS - 2 (5.0')
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

Lab Sample ID: 890-9216-2
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			5.03 g	5 mL	126523	12/12/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126592	12/13/25 15:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126707	12/13/25 15:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			126894	12/15/25 18:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	126564	12/12/25 15:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126715	12/15/25 18:14	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	126530	12/12/25 13:42	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	126535	12/15/25 13:24	CS	EET MID

Client Sample ID: CS - 3 (5.0')
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

Lab Sample ID: 890-9216-3
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			5.05 g	5 mL	126523	12/12/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126592	12/13/25 16:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126707	12/13/25 16:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			126894	12/15/25 18:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	126564	12/12/25 15:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126715	12/15/25 18:29	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	126530	12/12/25 13:42	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	126535	12/15/25 13:39	CS	EET MID

Client Sample ID: CS - 4 (5.0')
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

Lab Sample ID: 890-9216-4
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			5.01 g	5 mL	126523	12/12/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126592	12/13/25 16:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126707	12/13/25 16:30	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9216-1
SDG: 3054

Client Sample ID: CS - 4 (5.0')

Lab Sample ID: 890-9216-4
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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			126894	12/15/25 18:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	126564	12/12/25 15:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126715	12/15/25 18:44	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	126530	12/12/25 13:42	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	126535	12/15/25 13:44	CS	EET MID

Client Sample ID: CS - 5 (5.0')

Lab Sample ID: 890-9216-5
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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	126523	12/12/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126592	12/13/25 16:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126707	12/13/25 16:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			126894	12/15/25 18:58	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	126564	12/12/25 15:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126715	12/15/25 18:58	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	126530	12/12/25 13:42	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	126535	12/15/25 13:49	CS	EET MID

Client Sample ID: CS - 6 (5.0')

Lab Sample ID: 890-9216-6
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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	126523	12/12/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126592	12/13/25 17:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126707	12/13/25 17:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			126894	12/15/25 19:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	126564	12/12/25 15:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126715	12/15/25 19:13	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	126530	12/12/25 13:42	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	126535	12/15/25 13:54	CS	EET MID

Client Sample ID: CS - 7 (5.0')

Lab Sample ID: 890-9216-7
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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	126523	12/12/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126592	12/13/25 17:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126707	12/13/25 17:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			126894	12/15/25 19:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	126564	12/12/25 15:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126715	12/15/25 19:28	FC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9216-1
SDG: 3054

Client Sample ID: CS - 7 (5.0')

Lab Sample ID: 890-9216-7
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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	126530	12/12/25 13:42	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	126535	12/15/25 13:59	CS	EET MID

Client Sample ID: CS - 8 (5.0')

Lab Sample ID: 890-9216-8
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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	126523	12/12/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126592	12/13/25 17:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126707	12/13/25 17:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			126894	12/15/25 19:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	126564	12/12/25 15:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126715	12/15/25 19:42	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	126530	12/12/25 13:42	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	126535	12/15/25 14:03	CS	EET MID

Client Sample ID: SW - 1 (5.0')

Lab Sample ID: 890-9216-9
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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	126523	12/12/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126592	12/13/25 18:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126707	12/13/25 18:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			126894	12/15/25 19:57	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	126564	12/12/25 15:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126715	12/15/25 19:57	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	126530	12/12/25 13:42	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	126535	12/15/25 14:18	CS	EET MID

Client Sample ID: SW - 2 (5.0')

Lab Sample ID: 890-9216-10
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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	126523	12/12/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126592	12/13/25 19:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126707	12/13/25 19:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			126894	12/15/25 20:27	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	126564	12/12/25 15:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126715	12/15/25 20:27	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	126530	12/12/25 13:42	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	126535	12/15/25 14:23	CS	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9216-1
SDG: 3054

Client Sample ID: SW - 3 (5.0')

Lab Sample ID: 890-9216-11
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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	126523	12/12/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126592	12/13/25 20:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126707	12/13/25 20:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			126894	12/15/25 20:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	126564	12/12/25 15:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126715	12/15/25 20:42	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	126530	12/12/25 13:42	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	126535	12/15/25 14:38	CS	EET MID

Client Sample ID: SW - 4 (5.0')

Lab Sample ID: 890-9216-12
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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	126523	12/12/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126592	12/13/25 20:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126707	12/13/25 20:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			126894	12/15/25 20:57	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	126564	12/12/25 15:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126715	12/15/25 20:57	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	126530	12/12/25 13:42	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	126535	12/15/25 14:43	CS	EET MID

Client Sample ID: SW - 5 (5.0')

Lab Sample ID: 890-9216-13
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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	126523	12/12/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126592	12/13/25 20:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126707	12/13/25 20:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			126894	12/15/25 21:12	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	126564	12/12/25 15:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126715	12/15/25 21:12	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	126530	12/12/25 13:42	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	126535	12/15/25 14:48	CS	EET MID

Client Sample ID: SW - 6 (5.0')

Lab Sample ID: 890-9216-14
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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	126523	12/12/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126592	12/13/25 21:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126707	12/13/25 21:10	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9216-1
SDG: 3054

Client Sample ID: SW - 6 (5.0')

Lab Sample ID: 890-9216-14
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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			126894	12/15/25 21:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	126564	12/12/25 15:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126715	12/15/25 21:26	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	126530	12/12/25 13:42	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	126535	12/15/25 14:53	CS	EET MID

Client Sample ID: SW - 7 (5.0')

Lab Sample ID: 890-9216-15
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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	126523	12/12/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126592	12/13/25 21:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126707	12/13/25 21:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			126894	12/15/25 21:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	126564	12/12/25 15:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126715	12/15/25 21:42	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	126530	12/12/25 13:42	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	126535	12/15/25 14:58	CS	EET MID

Client Sample ID: SW - 8 (5.0')

Lab Sample ID: 890-9216-16
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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	126523	12/12/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126592	12/13/25 21:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126707	12/13/25 21:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			126894	12/15/25 21:57	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	126564	12/12/25 15:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126715	12/15/25 21:57	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	126530	12/12/25 13:42	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	126535	12/15/25 15:03	CS	EET MID

Client Sample ID: SW - 9 (5.0')

Lab Sample ID: 890-9216-17
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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	126523	12/12/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126592	12/13/25 22:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126707	12/13/25 22:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			126894	12/15/25 22:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	126564	12/12/25 15:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126715	12/15/25 22:11	FC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9216-1
SDG: 3054

Client Sample ID: SW - 9 (5.0')

Lab Sample ID: 890-9216-17
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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	126530	12/12/25 13:42	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	126535	12/15/25 15:08	CS	EET MID

Client Sample ID: SW - 10 (5.0')

Lab Sample ID: 890-9216-18
Matrix: Solid
Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:33

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	126523	12/12/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126592	12/13/25 22:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126707	12/13/25 22:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			126894	12/15/25 22:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	126564	12/12/25 15:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126715	12/15/25 22:26	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	126612	12/15/25 08:27	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	126653	12/15/25 13:02	CS	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
Job ID: 890-9216-1
Project/Site: CRAZY GOAT CTB (10.27.2025)
SDG: 3054

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

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: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9216-1
SDG: 3054

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: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9216-1
SDG: 3054

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9216-1	CS - 1 (5.0')	Solid	12/11/25 00:00	12/11/25 14:33	New Mexico
890-9216-2	CS - 2 (5.0')	Solid	12/11/25 00:00	12/11/25 14:33	New Mexico
890-9216-3	CS - 3 (5.0')	Solid	12/11/25 00:00	12/11/25 14:33	New Mexico
890-9216-4	CS - 4 (5.0')	Solid	12/11/25 00:00	12/11/25 14:33	New Mexico
890-9216-5	CS - 5 (5.0')	Solid	12/11/25 00:00	12/11/25 14:33	New Mexico
890-9216-6	CS - 6 (5.0')	Solid	12/11/25 00:00	12/11/25 14:33	New Mexico
890-9216-7	CS - 7 (5.0')	Solid	12/11/25 00:00	12/11/25 14:33	New Mexico
890-9216-8	CS - 8 (5.0')	Solid	12/11/25 00:00	12/11/25 14:33	New Mexico
890-9216-9	SW - 1 (5.0')	Solid	12/11/25 00:00	12/11/25 14:33	New Mexico
890-9216-10	SW - 2 (5.0')	Solid	12/11/25 00:00	12/11/25 14:33	New Mexico
890-9216-11	SW - 3 (5.0')	Solid	12/11/25 00:00	12/11/25 14:33	New Mexico
890-9216-12	SW - 4 (5.0')	Solid	12/11/25 00:00	12/11/25 14:33	New Mexico
890-9216-13	SW - 5 (5.0')	Solid	12/11/25 00:00	12/11/25 14:33	New Mexico
890-9216-14	SW - 6 (5.0')	Solid	12/11/25 00:00	12/11/25 14:33	New Mexico
890-9216-15	SW - 7 (5.0')	Solid	12/11/25 00:00	12/11/25 14:33	New Mexico
890-9216-16	SW - 8 (5.0')	Solid	12/11/25 00:00	12/11/25 14:33	New Mexico
890-9216-17	SW - 9 (5.0')	Solid	12/11/25 00:00	12/11/25 14:33	New Mexico
890-9216-18	SW - 10 (5.0')	Solid	12/11/25 00:00	12/11/25 14:33	New Mexico

Released to Imaging: 4/10/2026 3:42:59 PM
Received by OCD: 3/16/2026 12:13:19 PM

Chain of Custody

Work Order No: _____

Project Manager:	Ashton Thielke	Bill to: (if different)	Noah Tinker
Company Name:	Carmona Resources	Company Name:	BTA Oil Producers, LLC
Address:	310 W Wall St Ste 500	Address:	104 S Pecos St.
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	ntinker@btaoil.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Crazy Goat CTB (10.27.2025)	Turn Around	
Project Number:	3054	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date:	72 hr.
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	(Yes) No	Wet Ice:	(Yes) No	
Received Intact:	(Yes) No	Thermometer ID:	Tnmeo7	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-7.4	
Total Containers:		Corrected Temperature:	-7.2	

ANALYSIS REQUEST

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300	Hold	Sample Comments
CS-1 (5.0')	12/11/2025		X		Comp	1		X	X	X		
CS-2 (5.0')	12/11/2025		X		Comp	1		X	X	X		
CS-3 (5.0')	12/11/2025		X		Comp	1		X	X	X		
CS-4 (5.0')	12/11/2025		X		Comp	1		X	X	X		
CS-5 (5.0')	12/11/2025		X		Comp	1		X	X	X		
CS-6 (5.0')	12/11/2025		X		Comp	1		X	X	X		
CS-7 (5.0')	12/11/2025		X		Comp	1		X	X	X		
CS-8 (5.0')	12/11/2025		X		Comp	1		X	X	X		
SW-1 (5.0')	12/11/2025		X		Comp	1		X	X	X		
SW-2 (5.0')	12/11/2025		X		Comp	1		X	X	X		

890-9216 Chain of Custody

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
		Burns	12-11 14'7

12/18/2025 (Rev. 1)

Released to Imaging: 4/16/2026 3:42:59 PM
Received by OCD: 3/16/2026 12:13:19 PM

Chain of Custody

Work Order No: _____

Project Manager:	Ashton Thielke	Bill to: (if different)	Noah Tinker
Company Name:	Carmona Resources	Company Name:	BTA Oil Producers, LLC
Address:	310 W Wall St Ste 500	Address:	104 S Pecos St.
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	ntinker@btaoil.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Crazy Goat CTB (10.27.2025)	Turn Around	
Project Number:	3054	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 hr.
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	Tnmcc7
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-7.4
Total Containers:		Corrected Temperature:	-7.2

ANALYSIS REQUEST

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300	Hold	Sample Comments
SW-3 (5.0')	12/11/2025		X		Comp	1		X	X	X		
SW-4 (5.0')	12/11/2025		X		Comp	1		X	X	X		
SW-5 (5.0')	12/11/2025		X		Comp	1		X	X	X		
SW-6 (5.0')	12/11/2025		X		Comp	1		X	X	X		
SW-7 (5.0')	12/11/2025		X		Comp	1		X	X	X		
SW-8 (5.0')	12/11/2025		X		Comp	1		X	X	X		
SW-9 (5.0')	12/11/2025		X		Comp	1		X	X	X		
SW-10 (5.0')	12/11/2025		X		Comp	1		X	X	X		

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			12-11 1417

Released to Imaging: 4/10/2026 3:42:59 PM
Received by OCD: 3/16/2026 12:13:19 PM

Chain of Custody

Work Order No: _____

Project Manager:	Ashton Thielke	Bill to: (if different)	Noah Tinker
Company Name:	Carmona Resources	Company Name:	BTA Oil Producers, LLC
Address:	310 W Wall St Ste 500	Address:	104 S Pecos St.
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	ntinker@btaoil.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Crazy Goat CTB (10.27.2025)	Turn Around	
Project Number:	3054	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date:	72 hr.
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	(Yes) No	Wet Ice:	(Yes) No	
Received Intact:	(Yes) No	Thermometer ID:	Tnmeo7	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-7.4	
Total Containers:		Corrected Temperature:	-7.2	

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300	Hold	Sample Comments
CS-1 (5.0')	12/11/2025		X		Comp	1		X	X	X		
CS-2 (5.0')	12/11/2025		X		Comp	1		X	X	X		
CS-3 (5.0')	12/11/2025		X		Comp	1		X	X	X		
CS-4 (5.0')	12/11/2025		X		Comp	1		X	X	X		
CS-5 (5.0')	12/11/2025		X		Comp	1		X	X	X		
CS-6 (5.0')	12/11/2025		X		Comp	1		X	X	X		
CS-7 (5.0')	12/11/2025		X		Comp	1		X	X	X		
CS-8 (5.0')	12/11/2025		X		Comp	1		X	X	X		
SW-1 (5.0')	12/11/2025		X		Comp	1		X	X	X		
SW-2 (5.0')	12/11/2025		X		Comp	1		X	X	X		

890-9216 Chain of Custody

Parameters

Preservative Codes

None: NO — DI Water: H_2O
Cool: Cool — MeOH: Me
HCL: HC — HNO_3: HN
H_2S0_4: H_2 — NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			12-11 14'7

12/18/2025 (Rev. 1)

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Chain of Custody

Work Order No: _____

Project Manager:	Ashton Thielke	Bill to: (if different)	Noah Tinker
Company Name:	Carmona Resources	Company Name:	BTA Oil Producers, LLC
Address:	310 W Wall St Ste 500	Address:	104 S Pecos St.
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	ntinker@btaoil.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Crazy Goat CTB (10.27.2025)	Turn Around	
Project Number:	3054	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 hr.
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	Tnmc67
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-7.4
Total Containers:		Corrected Temperature:	-7.2

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300	Hold	Sample Comments
SW-3 (5.0')	12/11/2025		X		Comp	1		X	X	X		
SW-4 (5.0')	12/11/2025		X		Comp	1		X	X	X		
SW-5 (5.0')	12/11/2025		X		Comp	1		X	X	X		
SW-6 (5.0')	12/11/2025		X		Comp	1		X	X	X		
SW-7 (5.0')	12/11/2025		X		Comp	1		X	X	X		
SW-8 (5.0')	12/11/2025		X		Comp	1		X	X	X		
SW-9 (5.0')	12/11/2025		X		Comp	1		X	X	X		
SW-10 (5.0')	12/11/2025		X		Comp	1		X	X	X		

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			12-11 1417

Released to Imaging: 4/16/2026 3:42:59 PM
Received by OCD: 3/16/2026 12:13:19 PM

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6254.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9216-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 12/16/2025			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CRAZY GOAT CTB (10.27.2025)	Project #: 88001287			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_CalcBTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
CS - 1 (5.0") (890-9216-1)	12/11/25	Mountain	G	Solid			X	X	X	X	X	1	
CS - 2 (5.0") (890-9216-2)	12/11/25	Mountain	G	Solid			X	X	X	X	X	1	
CS - 3 (5.0") (890-9216-3)	12/11/25	Mountain	G	Solid			X	X	X	X	X	1	
CS - 4 (5.0") (890-9216-4)	12/11/25	Mountain	G	Solid			X	X	X	X	X	1	
CS - 5 (5.0") (890-9216-5)	12/11/25	Mountain	G	Solid			X	X	X	X	X	1	
CS - 6 (5.0") (890-9216-6)	12/11/25	Mountain	G	Solid			X	X	X	X	X	1	
CS - 7 (5.0") (890-9216-7)	12/11/25	Mountain	G	Solid			X	X	X	X	X	1	
CS - 8 (5.0") (890-9216-8)	12/11/25	Mountain	G	Solid			X	X	X	X	X	1	
SW - 1 (5.0') (890-9216-9)	12/11/25	Mountain	G	Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	12-11 1630				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				12/12/25 0800	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.8/2.7 IR-8

Ver: 10/10/2024

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Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6254.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9216-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 12/16/2025			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CRAZY GOAT CTB (10.27.2025)	Project #: 88001287			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_CalcBTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
CS - 1 (5.0") (890-9216-1)	12/11/25	Mountain	G	Solid			X	X	X	X	X	1	
CS - 2 (5.0") (890-9216-2)	12/11/25	Mountain	G	Solid			X	X	X	X	X	1	
CS - 3 (5.0") (890-9216-3)	12/11/25	Mountain	G	Solid			X	X	X	X	X	1	
CS - 4 (5.0") (890-9216-4)	12/11/25	Mountain	G	Solid			X	X	X	X	X	1	
CS - 5 (5.0") (890-9216-5)	12/11/25	Mountain	G	Solid			X	X	X	X	X	1	
CS - 6 (5.0") (890-9216-6)	12/11/25	Mountain	G	Solid			X	X	X	X	X	1	
CS - 7 (5.0") (890-9216-7)	12/11/25	Mountain	G	Solid			X	X	X	X	X	1	
CS - 8 (5.0") (890-9216-8)	12/11/25	Mountain	G	Solid			X	X	X	X	X	1	
SW - 1 (5.0') (890-9216-9)	12/11/25	Mountain	G	Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	12-11 1630				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 12/12/25 0800	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.8/2.7 IR-8

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9216-1
SDG Number: 3054

Login Number: 9216
List Number: 1
Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9216-1
SDG Number: 3054

Login Number: 9216
List Number: 2
Creator: Rios, Minerva

List Source: Eurofins Midland
List Creation: 12/12/25 01:24 PM

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

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/17/2025 11:58:02 AM

JOB DESCRIPTION

Crazy Goat CTB (10.27.2025)
Lea County New Mexico

JOB NUMBER

880-66185-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 4/16/2026 3:42:39 PM

my EOL

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
12/17/2025 11:58:02 AM

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

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Laboratory Job ID: 880-66185-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66185-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Crazy Goat CTB (10.27.2025)

Job ID: 880-66185-1

Job ID: 880-66185-1 Eurofins Midland

Job Narrative
880-66185-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 12/16/2025 8:15 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.7°C.

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

Diesel Range Organics
Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-126829 and analytical batch 880-126785 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SW-12 (5.0') (880-66185-5). 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.

Client Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66185-1
SDG: Lea County New Mexico

Client Sample ID: CS-9 (5.0')

Lab Sample ID: 880-66185-1
Matrix: Solid
Date Collected: 12/15/25 00:00
Date Received: 12/16/25 08:15

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		12/16/25 11:10	12/16/25 15:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/16/25 11:10	12/16/25 15:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/16/25 11:10	12/16/25 15:48	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		12/16/25 11:10	12/16/25 15:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/16/25 11:10	12/16/25 15:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/16/25 11:10	12/16/25 15:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*12/16/25 11:10*	*12/16/25 15:48*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*12/16/25 11:10*	*12/16/25 15:48*	*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			12/16/25 15:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/16/25 15:27	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	<50.0	U F1	50.0		mg/Kg		12/16/25 10:37	12/16/25 15:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/16/25 10:37	12/16/25 15:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/16/25 10:37	12/16/25 15:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*12/16/25 10:37*	*12/16/25 15:27*	*1*
o-Terphenyl (Surr)	*124*		*70 - 130*	*12/16/25 10:37*	*12/16/25 15:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**231**		9.96		mg/Kg			12/17/25 01:13	1

Client Sample ID: CS-10 (5.0')

Lab Sample ID: 880-66185-2
Matrix: Solid
Date Collected: 12/15/25 00:00
Date Received: 12/16/25 08:15

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		12/16/25 11:10	12/16/25 16:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/16/25 11:10	12/16/25 16:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/16/25 11:10	12/16/25 16:08	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		12/16/25 11:10	12/16/25 16:08	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/16/25 11:10	12/16/25 16:08	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/16/25 11:10	12/16/25 16:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*12/16/25 11:10*	*12/16/25 16:08*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*12/16/25 11:10*	*12/16/25 16:08*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66185-1
SDG: Lea County New Mexico

Client Sample ID: CS-10 (5.0')

Lab Sample ID: 880-66185-2
Matrix: Solid
Date Collected: 12/15/25 00:00
Date Received: 12/16/25 08:15

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			12/16/25 16:08	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			12/16/25 16:09	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	<49.6	U	49.6		mg/Kg		12/16/25 10:37	12/16/25 16:09	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		12/16/25 10:37	12/16/25 16:09	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		12/16/25 10:37	12/16/25 16:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*12/16/25 10:37*	*12/16/25 16:09*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*12/16/25 10:37*	*12/16/25 16:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**67.4**		9.98		mg/Kg			12/17/25 01:30	1

Client Sample ID: CS-11 (5.0')

Lab Sample ID: 880-66185-3
Matrix: Solid
Date Collected: 12/15/25 00:00
Date Received: 12/16/25 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00455**		0.00198		mg/Kg		12/16/25 11:10	12/16/25 16:29	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/16/25 11:10	12/16/25 16:29	1
Ethylbenzene	**0.00270**		0.00198		mg/Kg		12/16/25 11:10	12/16/25 16:29	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		12/16/25 11:10	12/16/25 16:29	1
o-Xylene	**0.00458**		0.00198		mg/Kg		12/16/25 11:10	12/16/25 16:29	1
Xylenes, Total	**0.00458**		0.00396		mg/Kg		12/16/25 11:10	12/16/25 16:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*12/16/25 11:10*	*12/16/25 16:29*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*12/16/25 11:10*	*12/16/25 16:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0118**		0.00396		mg/Kg			12/16/25 16:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/16/25 16:24	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	<49.9	U	49.9		mg/Kg		12/16/25 10:37	12/16/25 16:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/16/25 10:37	12/16/25 16:24	1

Client Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66185-1
SDG: Lea County New Mexico

Client Sample ID: CS-11 (5.0')

Lab Sample ID: 880-66185-3
Matrix: Solid
Date Collected: 12/15/25 00:00
Date Received: 12/16/25 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/16/25 10:37	12/16/25 16:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*12/16/25 10:37*	*12/16/25 16:24*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*12/16/25 10:37*	*12/16/25 16:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**250**		9.92		mg/Kg			12/17/25 01:36	1

Client Sample ID: SW-11 (5.0')

Lab Sample ID: 880-66185-4
Matrix: Solid
Date Collected: 12/15/25 00:00
Date Received: 12/16/25 08:15

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		12/16/25 11:10	12/16/25 16:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/16/25 11:10	12/16/25 16:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/16/25 11:10	12/16/25 16:49	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		12/16/25 11:10	12/16/25 16:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/16/25 11:10	12/16/25 16:49	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/16/25 11:10	12/16/25 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*12/16/25 11:10*	*12/16/25 16:49*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*12/16/25 11:10*	*12/16/25 16:49*	*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			12/16/25 16:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/16/25 16:38	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		12/16/25 10:37	12/16/25 16:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/16/25 10:37	12/16/25 16:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/16/25 10:37	12/16/25 16:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*12/16/25 10:37*	*12/16/25 16:38*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*12/16/25 10:37*	*12/16/25 16:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**146**		10.0		mg/Kg			12/17/25 01:42	1

Client Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66185-1
SDG: Lea County New Mexico

Client Sample ID: SW-12 (5.0')

Lab Sample ID: 880-66185-5
Matrix: Solid
Date Collected: 12/15/25 00:00
Date Received: 12/16/25 08:15

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		12/16/25 11:10	12/16/25 17:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/16/25 11:10	12/16/25 17:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/16/25 11:10	12/16/25 17:10	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		12/16/25 11:10	12/16/25 17:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/16/25 11:10	12/16/25 17:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/16/25 11:10	12/16/25 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*12/16/25 11:10*	*12/16/25 17:10*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*12/16/25 11:10*	*12/16/25 17:10*	*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			12/16/25 17:10	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			12/16/25 16:53	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	<50.3	U	50.3		mg/Kg		12/16/25 10:37	12/16/25 16:53	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		12/16/25 10:37	12/16/25 16:53	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		12/16/25 10:37	12/16/25 16:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*69*	*S1-*	*70 - 130*	*12/16/25 10:37*	*12/16/25 16:53*	*1*
o-Terphenyl (Surr)	*70*		*70 - 130*	*12/16/25 10:37*	*12/16/25 16:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**94.0**		10.1		mg/Kg			12/17/25 01:47	1

Client Sample ID: SW-13 (5.0')

Lab Sample ID: 880-66185-6
Matrix: Solid
Date Collected: 12/15/25 00:00
Date Received: 12/16/25 08:15

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		12/16/25 11:10	12/16/25 17:30	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/16/25 11:10	12/16/25 17:30	1
Ethylbenzene	**0.00294**		0.00201		mg/Kg		12/16/25 11:10	12/16/25 17:30	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		12/16/25 11:10	12/16/25 17:30	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/16/25 11:10	12/16/25 17:30	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/16/25 11:10	12/16/25 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*12/16/25 11:10*	*12/16/25 17:30*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*12/16/25 11:10*	*12/16/25 17:30*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66185-1
SDG: Lea County New Mexico

Client Sample ID: SW-13 (5.0')

Lab Sample ID: 880-66185-6
Matrix: Solid
Date Collected: 12/15/25 00:00
Date Received: 12/16/25 08:15

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			12/16/25 17:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			12/16/25 17:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		12/16/25 10:37	12/16/25 17:06	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		12/16/25 10:37	12/16/25 17:06	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		12/16/25 10:37	12/16/25 17:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*12/16/25 10:37*	*12/16/25 17:06*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*12/16/25 10:37*	*12/16/25 17:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**246**		10.0		mg/Kg			12/17/25 02:04	1

Client Sample ID: SW-14 (5.0')

Lab Sample ID: 880-66185-7
Matrix: Solid
Date Collected: 12/15/25 00:00
Date Received: 12/16/25 08:15

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		12/16/25 11:10	12/16/25 17:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/16/25 11:10	12/16/25 17:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/16/25 11:10	12/16/25 17:51	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		12/16/25 11:10	12/16/25 17:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/16/25 11:10	12/16/25 17:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/16/25 11:10	12/16/25 17:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*12/16/25 11:10*	*12/16/25 17:51*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*12/16/25 11:10*	*12/16/25 17:51*	*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			12/16/25 17:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/16/25 18:24	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	<50.0	U	50.0		mg/Kg		12/16/25 10:37	12/16/25 18:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/16/25 10:37	12/16/25 18:24	1

Client Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66185-1
SDG: Lea County New Mexico

Client Sample ID: SW-14 (5.0')
Date Collected: 12/15/25 00:00
Date Received: 12/16/25 08:15

Lab Sample ID: 880-66185-7
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/16/25 10:37	12/16/25 18:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*12/16/25 10:37*	*12/16/25 18:24*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*12/16/25 10:37*	*12/16/25 18:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**79.0**		10.1		mg/Kg			12/17/25 02:10	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66185-1
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)
880-66185-1	CS-9 (5.0')	84	77
880-66185-2	CS-10 (5.0')	105	91
880-66185-3	CS-11 (5.0')	85	85
880-66185-4	SW-11 (5.0')	107	102
880-66185-5	SW-12 (5.0')	110	99
880-66185-6	SW-13 (5.0')	94	101
880-66185-7	SW-14 (5.0')	101	96
890-9232-A-4-G MS	Matrix Spike	104	103
890-9232-A-4-H MSD	Matrix Spike Duplicate	97	101
LCS 880-126836/1-A	Lab Control Sample	101	99
LCSD 880-126836/2-A	Lab Control Sample Dup	112	101
MB 880-126836/5-A	Method Blank	102	96

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)
880-66185-1	CS-9 (5.0')	112	124
880-66185-1 MS	CS-9 (5.0')	116	105
880-66185-1 MSD	CS-9 (5.0')	115	104
880-66185-2	CS-10 (5.0')	95	96
880-66185-3	CS-11 (5.0')	104	104
880-66185-4	SW-11 (5.0')	102	102
880-66185-5	SW-12 (5.0')	69 S1-	70
880-66185-6	SW-13 (5.0')	110	110
880-66185-7	SW-14 (5.0')	98	98
LCS 880-126829/2-A	Lab Control Sample	121	111
LCSD 880-126829/3-A	Lab Control Sample Dup	121	111
MB 880-126829/1-A	Method Blank	111	113

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66185-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-126836/5-A
Matrix: Solid
Analysis Batch: 126787

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 126836

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/16/25 08:00	12/16/25 10:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/16/25 08:00	12/16/25 10:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/16/25 08:00	12/16/25 10:48	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		12/16/25 08:00	12/16/25 10:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/16/25 08:00	12/16/25 10:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/16/25 08:00	12/16/25 10:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*12/16/25 08:00*	*12/16/25 10:48*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*12/16/25 08:00*	*12/16/25 10:48*	*1*

Lab Sample ID: LCS 880-126836/1-A
Matrix: Solid
Analysis Batch: 126787

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 126836

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	0.1018		mg/Kg		102	70 - 130		
Ethylbenzene			0.100	0.1087		mg/Kg		109	70 - 130		
m,p-Xylenes			0.200	0.2084		mg/Kg		104	70 - 130		
o-Xylene			0.100	0.1016		mg/Kg		102	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-126836/2-A
Matrix: Solid
Analysis Batch: 126787

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 126836

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09826		mg/Kg		98	70 - 130	6	35
Toluene			0.100	0.1001		mg/Kg		100	70 - 130	2	35
Ethylbenzene			0.100	0.1068		mg/Kg		107	70 - 130	2	35
m,p-Xylenes			0.200	0.2108		mg/Kg		105	70 - 130	1	35
o-Xylene			0.100	0.1007		mg/Kg		101	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 890-9232-A-4-G MS
Matrix: Solid
Analysis Batch: 126787

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 126836

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.00499		0.100	0.09542		mg/Kg		90	70 - 130		
Toluene	<0.00200	U	0.100	0.09824		mg/Kg		98	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66185-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9232-A-4-G MS
Matrix: Solid
Analysis Batch: 126787

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 126836

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.1048		mg/Kg		105	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.2046		mg/Kg		101	70 - 130
o-Xylene	0.00305		0.100	0.1026		mg/Kg		100	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: 890-9232-A-4-H MSD
Matrix: Solid
Analysis Batch: 126787

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 126836

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.00499		0.100	0.09513		mg/Kg		90	70 - 130	0	35
Toluene	<0.00200	U	0.100	0.09081		mg/Kg		91	70 - 130	8	35
Ethylbenzene	<0.00200	U	0.100	0.09596		mg/Kg		96	70 - 130	9	35
m,p-Xylenes	<0.00399	U	0.200	0.1885		mg/Kg		93	70 - 130	8	35
o-Xylene	0.00305		0.100	0.09334		mg/Kg		90	70 - 130	9	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

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

Lab Sample ID: MB 880-126829/1-A
Matrix: Solid
Analysis Batch: 126785

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 126829

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		12/16/25 10:37	12/16/25 14:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/16/25 10:37	12/16/25 14:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/16/25 10:37	12/16/25 14:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*12/16/25 10:37*	*12/16/25 14:43*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*12/16/25 10:37*	*12/16/25 14:43*	*1*

Lab Sample ID: LCS 880-126829/2-A
Matrix: Solid
Analysis Batch: 126785

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 126829

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	986.5		mg/Kg		99	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1174		mg/Kg		117	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66185-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-126829/2-A
Matrix: Solid
Analysis Batch: 126785

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 126829

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	121		70 - 130
o-Terphenyl (Surr)	111		70 - 130

Lab Sample ID: LCSD 880-126829/3-A
Matrix: Solid
Analysis Batch: 126785

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 126829

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	973.2		mg/Kg		97	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1167		mg/Kg		117	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	121		70 - 130
o-Terphenyl (Surr)	111		70 - 130

Lab Sample ID: 880-66185-1 MS
Matrix: Solid
Analysis Batch: 126785

Client Sample ID: CS-9 (5.0')
Prep Type: Total/NA
Prep Batch: 126829

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	997	596.9	F1	mg/Kg		60	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	997	706.8		mg/Kg		71	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	116		70 - 130
o-Terphenyl (Surr)	105		70 - 130

Lab Sample ID: 880-66185-1 MSD
Matrix: Solid
Analysis Batch: 126785

Client Sample ID: CS-9 (5.0')
Prep Type: Total/NA
Prep Batch: 126829

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	997	590.4	F1	mg/Kg		59	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	698.5		mg/Kg		70	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	115		70 - 130
o-Terphenyl (Surr)	104		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66185-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-126883/1-A
Matrix: Solid
Analysis Batch: 126888

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/17/25 00:57	1

Lab Sample ID: LCS 880-126883/2-A
Matrix: Solid
Analysis Batch: 126888

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	252.0		mg/Kg		101	90 - 110		

Lab Sample ID: LCSD 880-126883/3-A
Matrix: Solid
Analysis Batch: 126888

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	247.4		mg/Kg		99	90 - 110	2	20

Lab Sample ID: 880-66185-1 MS
Matrix: Solid
Analysis Batch: 126888

Client Sample ID: CS-9 (5.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	231		249	488.5		mg/Kg		103	90 - 110		

Lab Sample ID: 880-66185-1 MSD
Matrix: Solid
Analysis Batch: 126888

Client Sample ID: CS-9 (5.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	231		249	478.1		mg/Kg		99	90 - 110	2	20

QC Association Summary

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66185-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 126787

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66185-1	CS-9 (5.0')	Total/NA	Solid	8021B	126836
880-66185-2	CS-10 (5.0')	Total/NA	Solid	8021B	126836
880-66185-3	CS-11 (5.0')	Total/NA	Solid	8021B	126836
880-66185-4	SW-11 (5.0')	Total/NA	Solid	8021B	126836
880-66185-5	SW-12 (5.0')	Total/NA	Solid	8021B	126836
880-66185-6	SW-13 (5.0')	Total/NA	Solid	8021B	126836
880-66185-7	SW-14 (5.0')	Total/NA	Solid	8021B	126836
MB 880-126836/5-A	Method Blank	Total/NA	Solid	8021B	126836
LCS 880-126836/1-A	Lab Control Sample	Total/NA	Solid	8021B	126836
LCSD 880-126836/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	126836
890-9232-A-4-G MS	Matrix Spike	Total/NA	Solid	8021B	126836
890-9232-A-4-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	126836

Prep Batch: 126836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66185-1	CS-9 (5.0')	Total/NA	Solid	5035	
880-66185-2	CS-10 (5.0')	Total/NA	Solid	5035	
880-66185-3	CS-11 (5.0')	Total/NA	Solid	5035	
880-66185-4	SW-11 (5.0')	Total/NA	Solid	5035	
880-66185-5	SW-12 (5.0')	Total/NA	Solid	5035	
880-66185-6	SW-13 (5.0')	Total/NA	Solid	5035	
880-66185-7	SW-14 (5.0')	Total/NA	Solid	5035	
MB 880-126836/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-126836/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-126836/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9232-A-4-G MS	Matrix Spike	Total/NA	Solid	5035	
890-9232-A-4-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 126972

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66185-1	CS-9 (5.0')	Total/NA	Solid	Total BTEX	
880-66185-2	CS-10 (5.0')	Total/NA	Solid	Total BTEX	
880-66185-3	CS-11 (5.0')	Total/NA	Solid	Total BTEX	
880-66185-4	SW-11 (5.0')	Total/NA	Solid	Total BTEX	
880-66185-5	SW-12 (5.0')	Total/NA	Solid	Total BTEX	
880-66185-6	SW-13 (5.0')	Total/NA	Solid	Total BTEX	
880-66185-7	SW-14 (5.0')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 126785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66185-1	CS-9 (5.0')	Total/NA	Solid	8015B NM	126829
880-66185-2	CS-10 (5.0')	Total/NA	Solid	8015B NM	126829
880-66185-3	CS-11 (5.0')	Total/NA	Solid	8015B NM	126829
880-66185-4	SW-11 (5.0')	Total/NA	Solid	8015B NM	126829
880-66185-5	SW-12 (5.0')	Total/NA	Solid	8015B NM	126829
880-66185-6	SW-13 (5.0')	Total/NA	Solid	8015B NM	126829
880-66185-7	SW-14 (5.0')	Total/NA	Solid	8015B NM	126829
MB 880-126829/1-A	Method Blank	Total/NA	Solid	8015B NM	126829
LCS 880-126829/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	126829

QC Association Summary

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66185-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 126785 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-126829/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	126829
880-66185-1 MS	CS-9 (5.0')	Total/NA	Solid	8015B NM	126829
880-66185-1 MSD	CS-9 (5.0')	Total/NA	Solid	8015B NM	126829

Prep Batch: 126829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66185-1	CS-9 (5.0')	Total/NA	Solid	8015NM Prep	
880-66185-2	CS-10 (5.0')	Total/NA	Solid	8015NM Prep	
880-66185-3	CS-11 (5.0')	Total/NA	Solid	8015NM Prep	
880-66185-4	SW-11 (5.0')	Total/NA	Solid	8015NM Prep	
880-66185-5	SW-12 (5.0')	Total/NA	Solid	8015NM Prep	
880-66185-6	SW-13 (5.0')	Total/NA	Solid	8015NM Prep	
880-66185-7	SW-14 (5.0')	Total/NA	Solid	8015NM Prep	
MB 880-126829/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-126829/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-126829/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-66185-1 MS	CS-9 (5.0')	Total/NA	Solid	8015NM Prep	
880-66185-1 MSD	CS-9 (5.0')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 126908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66185-1	CS-9 (5.0')	Total/NA	Solid	8015 NM	
880-66185-2	CS-10 (5.0')	Total/NA	Solid	8015 NM	
880-66185-3	CS-11 (5.0')	Total/NA	Solid	8015 NM	
880-66185-4	SW-11 (5.0')	Total/NA	Solid	8015 NM	
880-66185-5	SW-12 (5.0')	Total/NA	Solid	8015 NM	
880-66185-6	SW-13 (5.0')	Total/NA	Solid	8015 NM	
880-66185-7	SW-14 (5.0')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 126883

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66185-1	CS-9 (5.0')	Soluble	Solid	DI Leach	
880-66185-2	CS-10 (5.0')	Soluble	Solid	DI Leach	
880-66185-3	CS-11 (5.0')	Soluble	Solid	DI Leach	
880-66185-4	SW-11 (5.0')	Soluble	Solid	DI Leach	
880-66185-5	SW-12 (5.0')	Soluble	Solid	DI Leach	
880-66185-6	SW-13 (5.0')	Soluble	Solid	DI Leach	
880-66185-7	SW-14 (5.0')	Soluble	Solid	DI Leach	
MB 880-126883/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-126883/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-126883/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-66185-1 MS	CS-9 (5.0')	Soluble	Solid	DI Leach	
880-66185-1 MSD	CS-9 (5.0')	Soluble	Solid	DI Leach	

Analysis Batch: 126888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66185-1	CS-9 (5.0')	Soluble	Solid	300.0	126883
880-66185-2	CS-10 (5.0')	Soluble	Solid	300.0	126883
880-66185-3	CS-11 (5.0')	Soluble	Solid	300.0	126883

QC Association Summary

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66185-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Analysis Batch: 126888 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66185-4	SW-11 (5.0')	Soluble	Solid	300.0	126883
880-66185-5	SW-12 (5.0')	Soluble	Solid	300.0	126883
880-66185-6	SW-13 (5.0')	Soluble	Solid	300.0	126883
880-66185-7	SW-14 (5.0')	Soluble	Solid	300.0	126883
MB 880-126883/1-A	Method Blank	Soluble	Solid	300.0	126883
LCS 880-126883/2-A	Lab Control Sample	Soluble	Solid	300.0	126883
LCSD 880-126883/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	126883
880-66185-1 MS	CS-9 (5.0')	Soluble	Solid	300.0	126883
880-66185-1 MSD	CS-9 (5.0')	Soluble	Solid	300.0	126883

Lab Chronicle

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66185-1
SDG: Lea County New Mexico

Client Sample ID: CS-9 (5.0')

Lab Sample ID: 880-66185-1
Matrix: Solid
Date Collected: 12/15/25 00:00
Date Received: 12/16/25 08:15

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	126836	12/16/25 11:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126787	12/16/25 15:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126972	12/16/25 15:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			126908	12/16/25 15:27	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	126829	12/16/25 10:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126785	12/16/25 15:27	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	126883	12/16/25 15:00	SA	EET MID
Soluble	Analysis	300.0		1			126888	12/17/25 01:13	CS	EET MID

Client Sample ID: CS-10 (5.0')

Lab Sample ID: 880-66185-2
Matrix: Solid
Date Collected: 12/15/25 00:00
Date Received: 12/16/25 08:15

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	126836	12/16/25 11:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126787	12/16/25 16:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126972	12/16/25 16:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			126908	12/16/25 16:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10.00 mL	126829	12/16/25 10:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126785	12/16/25 16:09	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	126883	12/16/25 15:00	SA	EET MID
Soluble	Analysis	300.0		1			126888	12/17/25 01:30	CS	EET MID

Client Sample ID: CS-11 (5.0')

Lab Sample ID: 880-66185-3
Matrix: Solid
Date Collected: 12/15/25 00:00
Date Received: 12/16/25 08:15

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	126836	12/16/25 11:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126787	12/16/25 16:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126972	12/16/25 16:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			126908	12/16/25 16:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	126829	12/16/25 10:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126785	12/16/25 16:24	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	126883	12/16/25 15:00	SA	EET MID
Soluble	Analysis	300.0		1			126888	12/17/25 01:36	CS	EET MID

Client Sample ID: SW-11 (5.0')

Lab Sample ID: 880-66185-4
Matrix: Solid
Date Collected: 12/15/25 00:00
Date Received: 12/16/25 08:15

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	126836	12/16/25 11:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126787	12/16/25 16:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126972	12/16/25 16:49	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66185-1
SDG: Lea County New Mexico

Client Sample ID: SW-11 (5.0')

Lab Sample ID: 880-66185-4
Matrix: Solid
Date Collected: 12/15/25 00:00
Date Received: 12/16/25 08:15

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			126908	12/16/25 16:38	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	126829	12/16/25 10:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126785	12/16/25 16:38	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	126883	12/16/25 15:00	SA	EET MID
Soluble	Analysis	300.0		1			126888	12/17/25 01:42	CS	EET MID

Client Sample ID: SW-12 (5.0')

Lab Sample ID: 880-66185-5
Matrix: Solid
Date Collected: 12/15/25 00:00
Date Received: 12/16/25 08:15

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	126836	12/16/25 11:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126787	12/16/25 17:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126972	12/16/25 17:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			126908	12/16/25 16:53	SA	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10.00 mL	126829	12/16/25 10:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126785	12/16/25 16:53	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	126883	12/16/25 15:00	SA	EET MID
Soluble	Analysis	300.0		1			126888	12/17/25 01:47	CS	EET MID

Client Sample ID: SW-13 (5.0')

Lab Sample ID: 880-66185-6
Matrix: Solid
Date Collected: 12/15/25 00:00
Date Received: 12/16/25 08:15

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	126836	12/16/25 11:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126787	12/16/25 17:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126972	12/16/25 17:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			126908	12/16/25 17:06	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	126829	12/16/25 10:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126785	12/16/25 17:06	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	126883	12/16/25 15:00	SA	EET MID
Soluble	Analysis	300.0		1			126888	12/17/25 02:04	CS	EET MID

Client Sample ID: SW-14 (5.0')

Lab Sample ID: 880-66185-7
Matrix: Solid
Date Collected: 12/15/25 00:00
Date Received: 12/16/25 08:15

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	126836	12/16/25 11:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126787	12/16/25 17:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126972	12/16/25 17:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			126908	12/16/25 18:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	126829	12/16/25 10:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126785	12/16/25 18:24	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66185-1
SDG: Lea County New Mexico

Client Sample ID: SW-14 (5.0')

Date Collected: 12/15/25 00:00
Date Received: 12/16/25 08:15

Lab Sample ID: 880-66185-7

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			4.95 g	50 mL	126883	12/16/25 15:00	SA	EET MID
Soluble	Analysis	300.0		1			126888	12/17/25 02:10	CS	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: Crazy Goat CTB (10.27.2025)

Job ID: 880-66185-1
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	06-30-26

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: Crazy Goat CTB (10.27.2025)

Job ID: 880-66185-1
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: Crazy Goat CTB (10.27.2025)

Job ID: 880-66185-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-66185-1	CS-9 (5.0')	Solid	12/15/25 00:00	12/16/25 08:15	New Mexico
880-66185-2	CS-10 (5.0')	Solid	12/15/25 00:00	12/16/25 08:15	New Mexico
880-66185-3	CS-11 (5.0')	Solid	12/15/25 00:00	12/16/25 08:15	New Mexico
880-66185-4	SW-11 (5.0')	Solid	12/15/25 00:00	12/16/25 08:15	New Mexico
880-66185-5	SW-12 (5.0')	Solid	12/15/25 00:00	12/16/25 08:15	New Mexico
880-66185-6	SW-13 (5.0')	Solid	12/15/25 00:00	12/16/25 08:15	New Mexico
880-66185-7	SW-14 (5.0')	Solid	12/15/25 00:00	12/16/25 08:15	New Mexico

Released to Imaging: 4/16/2026 3:42:59 PM
Received by OCD: 3/16/2026 12:13:19 PM

Chain of Custody

880-66135 Chain of Custody

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Crazy Goat CTB (10.27.2025)	Turn Around	
Project Number:	3054	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date:	24 hr.
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	JR8
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.1
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	3.8
Total Containers:		Corrected Temperature:	3.7

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	Sample Comments
CS-9 (5.0')	12/15/2025		X		Comp	1		X	X	X		
CS-10 (5.0')	12/15/2025		X		Comp	1		X	X	X		
CS-11 (5.0')	12/15/2025		X		Comp	1		X	X	X		
SW-11 (5.0')	12/15/2025		X		Comp	1		X	X	X		
SW-12 (5.0')	12/15/2025		X		Comp	1		X	X	X		
SW-13 (5.0')	12/15/2025		X		Comp	1		X	X	X		
SW-14 (5.0')	12/15/2025		X		Comp	1		X	X	X		

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	12/16/25 0815	Erin Rgal	12.16.25 08:15

12/17/2025

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-66185-1
SDG Number: Lea County New Mexico

Login Number: 66185
List Number: 1
Creator: Dyal, Erica

List Source: Eurofins Midland

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/22/2025 10:49:04 AM Revision 1

JOB DESCRIPTION

Crazy Goat CTB (10.27.2025)
3054

JOB NUMBER

880-66246-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 4/16/2026 3:42:39 PM

my EOL

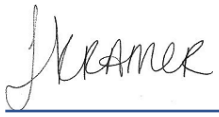
Eurofins Midland

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
12/22/2025 10:49:04 AM
Revision 1

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

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66246-1
SDG: 3054

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Crazy Goat CTB (10.27.2025)

Job ID: 880-66246-1

Job ID: 880-66246-1 Eurofins Midland

Job Narrative
880-66246-1

REVISION

The report being provided is a revision of the original report sent on 12/18/2025. The report (revision 1) is being revised due to Per client email, requesting chloride re run.

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 12/17/2025 9:35 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -5.4°C.

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-126857 and analytical batch 880-127050 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.

Diesel Range Organics
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 for preparation batch 880-127180 and analytical batch 880-127244 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.

Client Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66246-1
SDG: 3054

Client Sample ID: CS-12 (3.0')

Lab Sample ID: 880-66246-1
Matrix: Solid
Date Collected: 12/16/25 00:00
Date Received: 12/17/25 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1 F2	0.00200		mg/Kg		12/17/25 13:07	12/18/25 10:31	1
Toluene	<0.00200	U F1 F2	0.00200		mg/Kg		12/17/25 13:07	12/18/25 10:31	1
Ethylbenzene	<0.00200	U F1 F2	0.00200		mg/Kg		12/17/25 13:07	12/18/25 10:31	1
m,p-Xylenes	<0.00399	U F1 F2	0.00399		mg/Kg		12/17/25 13:07	12/18/25 10:31	1
o-Xylene	<0.00200	U F1 F2	0.00200		mg/Kg		12/17/25 13:07	12/18/25 10:31	1
Xylenes, Total	<0.00399	U F1 F2	0.00399		mg/Kg		12/17/25 13:07	12/18/25 10:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*12/17/25 13:07*	*12/18/25 10:31*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*12/17/25 13:07*	*12/18/25 10:31*	*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			12/18/25 10:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/17/25 13:27	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	<49.8	U	49.8		mg/Kg		12/17/25 08:08	12/17/25 13:27	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/17/25 08:08	12/17/25 13:27	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/17/25 08:08	12/17/25 13:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*12/17/25 08:08*	*12/17/25 13:27*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*12/17/25 08:08*	*12/17/25 13:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**259**		9.96		mg/Kg			12/18/25 02:35	1

Client Sample ID: CS-13 (3.0')

Lab Sample ID: 880-66246-2
Matrix: Solid
Date Collected: 12/16/25 00:00
Date Received: 12/17/25 09:35

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		12/17/25 13:07	12/18/25 10:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/17/25 13:07	12/18/25 10:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/17/25 13:07	12/18/25 10:51	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		12/17/25 13:07	12/18/25 10:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/17/25 13:07	12/18/25 10:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/17/25 13:07	12/18/25 10:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*12/17/25 13:07*	*12/18/25 10:51*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*12/17/25 13:07*	*12/18/25 10:51*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66246-1
SDG: 3054

Client Sample ID: CS-13 (3.0')

Lab Sample ID: 880-66246-2
Matrix: Solid
Date Collected: 12/16/25 00:00
Date Received: 12/17/25 09:35

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			12/18/25 10:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/17/25 13:42	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	<49.9	U	49.9		mg/Kg		12/17/25 08:08	12/17/25 13:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/17/25 08:08	12/17/25 13:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/17/25 08:08	12/17/25 13:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*117*		*70 - 130*	*12/17/25 08:08*	*12/17/25 13:42*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*12/17/25 08:08*	*12/17/25 13:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**93.0**		9.98		mg/Kg			12/18/25 02:42	1

Client Sample ID: CS-14 (5.0')

Lab Sample ID: 880-66246-3
Matrix: Solid
Date Collected: 12/16/25 00:00
Date Received: 12/17/25 09:35

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		12/17/25 13:07	12/18/25 11:12	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/17/25 13:07	12/18/25 11:12	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/17/25 13:07	12/18/25 11:12	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		12/17/25 13:07	12/18/25 11:12	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/17/25 13:07	12/18/25 11:12	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/17/25 13:07	12/18/25 11:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*12/17/25 13:07*	*12/18/25 11:12*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*12/17/25 13:07*	*12/18/25 11:12*	*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			12/18/25 11:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/17/25 14:13	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	<50.0	U	50.0		mg/Kg		12/17/25 08:08	12/17/25 14:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/17/25 08:08	12/17/25 14:13	1

Client Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66246-1
SDG: 3054

Client Sample ID: CS-14 (5.0')

Lab Sample ID: 880-66246-3
Matrix: Solid
Date Collected: 12/16/25 00:00
Date Received: 12/17/25 09:35

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		12/17/25 08:08	12/17/25 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*12/17/25 08:08*	*12/17/25 14:13*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*12/17/25 08:08*	*12/17/25 14:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**182**		10.0		mg/Kg			12/18/25 02:49	1

Client Sample ID: CS-15 (5.0')

Lab Sample ID: 880-66246-4
Matrix: Solid
Date Collected: 12/16/25 00:00
Date Received: 12/17/25 09:35

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		12/17/25 13:07	12/18/25 11:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/17/25 13:07	12/18/25 11:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/17/25 13:07	12/18/25 11:32	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		12/17/25 13:07	12/18/25 11:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/17/25 13:07	12/18/25 11:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/17/25 13:07	12/18/25 11:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*12/17/25 13:07*	*12/18/25 11:32*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*12/17/25 13:07*	*12/18/25 11:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/18/25 11:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/17/25 14:28	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		12/17/25 08:08	12/17/25 14:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/17/25 08:08	12/17/25 14:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/17/25 08:08	12/17/25 14:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*12/17/25 08:08*	*12/17/25 14:28*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*12/17/25 08:08*	*12/17/25 14:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**255**		10.1		mg/Kg			12/18/25 02:56	1

Client Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66246-1
SDG: 3054

Client Sample ID: SW-15 (3.0')

Lab Sample ID: 880-66246-5
Matrix: Solid
Date Collected: 12/16/25 00:00
Date Received: 12/17/25 09:35

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		12/17/25 13:07	12/18/25 11:53	1
Toluene	**0.00516**		0.00201		mg/Kg		12/17/25 13:07	12/18/25 11:53	1
Ethylbenzene	**0.00791**		0.00201		mg/Kg		12/17/25 13:07	12/18/25 11:53	1
m,p-Xylenes	**0.00889**		0.00402		mg/Kg		12/17/25 13:07	12/18/25 11:53	1
o-Xylene	**0.0126**		0.00201		mg/Kg		12/17/25 13:07	12/18/25 11:53	1
Xylenes, Total	**0.0215**		0.00402		mg/Kg		12/17/25 13:07	12/18/25 11:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*12/17/25 13:07*	*12/18/25 11:53*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*12/17/25 13:07*	*12/18/25 11:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0346**		0.00402		mg/Kg			12/18/25 11:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/17/25 14:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/17/25 08:08	12/17/25 14:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/17/25 08:08	12/17/25 14:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/17/25 08:08	12/17/25 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*12/17/25 08:08*	*12/17/25 14:43*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*12/17/25 08:08*	*12/17/25 14:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**345**		10.1		mg/Kg			12/17/25 20:18	1

Client Sample ID: SW-16 (3.0')

Lab Sample ID: 880-66246-6
Matrix: Solid
Date Collected: 12/16/25 00:00
Date Received: 12/17/25 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00200**		0.00199		mg/Kg		12/17/25 13:07	12/18/25 12:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/17/25 13:07	12/18/25 12:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/17/25 13:07	12/18/25 12:13	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		12/17/25 13:07	12/18/25 12:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/17/25 13:07	12/18/25 12:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/17/25 13:07	12/18/25 12:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*12/17/25 13:07*	*12/18/25 12:13*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*12/17/25 13:07*	*12/18/25 12:13*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66246-1
SDG: 3054

Client Sample ID: SW-16 (3.0')

Lab Sample ID: 880-66246-6
Matrix: Solid
Date Collected: 12/16/25 00:00
Date Received: 12/17/25 09:35

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			12/18/25 12:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			12/17/25 14:58	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	<50.2	U	50.2		mg/Kg		12/17/25 08:08	12/17/25 14:58	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		12/17/25 08:08	12/17/25 14:58	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		12/17/25 08:08	12/17/25 14:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*117*		*70 - 130*	*12/17/25 08:08*	*12/17/25 14:58*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*12/17/25 08:08*	*12/17/25 14:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**572**		10.0		mg/Kg			12/19/25 12:53	1

Client Sample ID: SW-17 (3.0')

Lab Sample ID: 880-66246-7
Matrix: Solid
Date Collected: 12/16/25 00:00
Date Received: 12/17/25 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00234**		0.00198		mg/Kg		12/17/25 13:07	12/18/25 12:34	1
Toluene	**0.00286**		0.00198		mg/Kg		12/17/25 13:07	12/18/25 12:34	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/17/25 13:07	12/18/25 12:34	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		12/17/25 13:07	12/18/25 12:34	1
o-Xylene	**0.00293**		0.00198		mg/Kg		12/17/25 13:07	12/18/25 12:34	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/17/25 13:07	12/18/25 12:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*12/17/25 13:07*	*12/18/25 12:34*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*12/17/25 13:07*	*12/18/25 12:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00813**		0.00396		mg/Kg			12/18/25 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			12/17/25 15:13	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	<50.1	U	50.1		mg/Kg		12/17/25 08:08	12/17/25 15:13	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		12/17/25 08:08	12/17/25 15:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66246-1
SDG: 3054

Client Sample ID: SW-17 (3.0')

Lab Sample ID: 880-66246-7
Matrix: Solid
Date Collected: 12/16/25 00:00
Date Received: 12/17/25 09:35

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		12/17/25 08:08	12/17/25 15:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*115*		*70 - 130*	*12/17/25 08:08*	*12/17/25 15:13*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*12/17/25 08:08*	*12/17/25 15:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**62.8**		10.1		mg/Kg			12/17/25 20:38	1

Client Sample ID: SW-18 (3.0')

Lab Sample ID: 880-66246-8
Matrix: Solid
Date Collected: 12/16/25 00:00
Date Received: 12/17/25 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00555**		0.00198		mg/Kg		12/17/25 13:07	12/18/25 12:54	1
Toluene	**0.00273**		0.00198		mg/Kg		12/17/25 13:07	12/18/25 12:54	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/17/25 13:07	12/18/25 12:54	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		12/17/25 13:07	12/18/25 12:54	1
o-Xylene	**0.00467**		0.00198		mg/Kg		12/17/25 13:07	12/18/25 12:54	1
Xylenes, Total	**0.00467**		0.00397		mg/Kg		12/17/25 13:07	12/18/25 12:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*12/17/25 13:07*	*12/18/25 12:54*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*12/17/25 13:07*	*12/18/25 12:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0130**		0.00397		mg/Kg			12/18/25 12:54	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			12/17/25 15:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/17/25 08:08	12/17/25 15:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/17/25 08:08	12/17/25 15:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/17/25 08:08	12/17/25 15:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*12/17/25 08:08*	*12/17/25 15:29*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*12/17/25 08:08*	*12/17/25 15:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**343**		10.1		mg/Kg			12/17/25 20:53	1

Client Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66246-1
SDG: 3054

Client Sample ID: SW-19 (3.0'-5.0')

Lab Sample ID: 880-66246-9
Matrix: Solid
Date Collected: 12/16/25 00:00
Date Received: 12/17/25 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00297**		0.00200		mg/Kg		12/17/25 13:07	12/18/25 13:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/17/25 13:07	12/18/25 13:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/17/25 13:07	12/18/25 13:15	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		12/17/25 13:07	12/18/25 13:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/17/25 13:07	12/18/25 13:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/17/25 13:07	12/18/25 13:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*12/17/25 13:07*	*12/18/25 13:15*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*12/17/25 13:07*	*12/18/25 13:15*	*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			12/18/25 13:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/17/25 15:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/17/25 08:08	12/17/25 15:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/17/25 08:08	12/17/25 15:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/17/25 08:08	12/17/25 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*118*		*70 - 130*	*12/17/25 08:08*	*12/17/25 15:43*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*12/17/25 08:08*	*12/17/25 15:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**606**		10.0		mg/Kg			12/19/25 12:58	1

Client Sample ID: SW-20 (5.0')

Lab Sample ID: 880-66246-10
Matrix: Solid
Date Collected: 12/16/25 00:00
Date Received: 12/17/25 09:35

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		12/17/25 13:07	12/18/25 13:35	1
Toluene	**0.00261**		0.00199		mg/Kg		12/17/25 13:07	12/18/25 13:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/17/25 13:07	12/18/25 13:35	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		12/17/25 13:07	12/18/25 13:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/17/25 13:07	12/18/25 13:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/17/25 13:07	12/18/25 13:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*12/17/25 13:07*	*12/18/25 13:35*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*12/17/25 13:07*	*12/18/25 13:35*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66246-1
SDG: 3054

Client Sample ID: SW-20 (5.0')

Date Collected: 12/16/25 00:00
Date Received: 12/17/25 09:35

Lab Sample ID: 880-66246-10

Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/18/25 13:35	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			12/17/25 15:59	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	<50.0	U	50.0		mg/Kg		12/17/25 08:08	12/17/25 15:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/17/25 08:08	12/17/25 15:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/17/25 08:08	12/17/25 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*123*		*70 - 130*	*12/17/25 08:08*	*12/17/25 15:59*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*12/17/25 08:08*	*12/17/25 15:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**52.8**		9.98		mg/Kg			12/17/25 21:03	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66246-1
SDG: 3054

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)
880-66246-1	CS-12 (3.0')	103	95
880-66246-1 MS	CS-12 (3.0')	75	79
880-66246-1 MSD	CS-12 (3.0')	109	103
880-66246-2	CS-13 (3.0')	104	97
880-66246-3	CS-14 (5.0')	106	104
880-66246-4	CS-15 (5.0')	101	97
880-66246-5	SW-15 (3.0')	108	92
880-66246-6	SW-16 (3.0')	113	104
880-66246-7	SW-17 (3.0')	106	98
880-66246-8	SW-18 (3.0')	101	95
880-66246-9	SW-19 (3.0'-5.0')	106	107
880-66246-10	SW-20 (5.0')	113	99
LCS 880-126857/1-A	Lab Control Sample	102	106
LCSD 880-126857/2-A	Lab Control Sample Dup	102	106
MB 880-126857/5-A	Method Blank	105	93

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)
880-66216-A-1-B MS	Matrix Spike	109	105
880-66216-A-1-C MSD	Matrix Spike Duplicate	110	105
880-66246-1	CS-12 (3.0')	111	97
880-66246-2	CS-13 (3.0')	117	103
880-66246-3	CS-14 (5.0')	112	100
880-66246-4	CS-15 (5.0')	112	101
880-66246-5	SW-15 (3.0')	106	93
880-66246-6	SW-16 (3.0')	117	108
880-66246-7	SW-17 (3.0')	115	101
880-66246-8	SW-18 (3.0')	104	94
880-66246-9	SW-19 (3.0'-5.0')	118	107
880-66246-10	SW-20 (5.0')	123	106
LCS 880-126915/2-A	Lab Control Sample	120	114
LCSD 880-126915/3-A	Lab Control Sample Dup	116	114
MB 880-126915/1-A	Method Blank	117	110

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66246-1
SDG: 3054

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-126857/5-A
Matrix: Solid
Analysis Batch: 127050

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 126857

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/16/25 13:07	12/18/25 10:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/16/25 13:07	12/18/25 10:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/16/25 13:07	12/18/25 10:09	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		12/16/25 13:07	12/18/25 10:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/16/25 13:07	12/18/25 10:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/16/25 13:07	12/18/25 10:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*12/16/25 13:07*	*12/18/25 10:09*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*12/16/25 13:07*	*12/18/25 10:09*	*1*

Lab Sample ID: LCS 880-126857/1-A
Matrix: Solid
Analysis Batch: 127050

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 126857

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1077		mg/Kg		108	70 - 130
Toluene	0.100	0.09369		mg/Kg		94	70 - 130
Ethylbenzene	0.100	0.09651		mg/Kg		97	70 - 130
m,p-Xylenes	0.200	0.1872		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09468		mg/Kg		95	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: LCSD 880-126857/2-A
Matrix: Solid
Analysis Batch: 127050

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 126857

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1091		mg/Kg		109	70 - 130	1	35
Toluene	0.100	0.09537		mg/Kg		95	70 - 130	2	35
Ethylbenzene	0.100	0.09987		mg/Kg		100	70 - 130	3	35
m,p-Xylenes	0.200	0.1899		mg/Kg		95	70 - 130	1	35
o-Xylene	0.100	0.09415		mg/Kg		94	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: 880-66246-1 MS
Matrix: Solid
Analysis Batch: 127050

Client Sample ID: CS-12 (3.0')
Prep Type: Total/NA
Prep Batch: 126857

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1 F2	0.100	0.03676	F1	mg/Kg		37	70 - 130
Toluene	<0.00200	U F1 F2	0.100	0.03247	F1	mg/Kg		32	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66246-1
SDG: 3054

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

Lab Sample ID: 880-66246-1 MS
Matrix: Solid
Analysis Batch: 127050

Client Sample ID: CS-12 (3.0')
Prep Type: Total/NA
Prep Batch: 126857

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U F1 F2	0.100	0.03770	F1	mg/Kg		38	70 - 130
m,p-Xylenes	<0.00399	U F1 F2	0.200	0.06309	F1	mg/Kg		32	70 - 130
o-Xylene	<0.00200	U F1 F2	0.100	0.04030	F1	mg/Kg		40	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*75*		*70 - 130*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*

Lab Sample ID: 880-66246-1 MSD
Matrix: Solid
Analysis Batch: 127050

Client Sample ID: CS-12 (3.0')
Prep Type: Total/NA
Prep Batch: 126857

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1 F2	0.100	0.07694	F2	mg/Kg		77	70 - 130	71	35
Toluene	<0.00200	U F1 F2	0.100	0.07544	F2	mg/Kg		75	70 - 130	80	35
Ethylbenzene	<0.00200	U F1 F2	0.100	0.08311	F2	mg/Kg		83	70 - 130	75	35
m,p-Xylenes	<0.00399	U F1 F2	0.200	0.1532	F2	mg/Kg		77	70 - 130	83	35
o-Xylene	<0.00200	U F1 F2	0.100	0.07933	F2	mg/Kg		79	70 - 130	65	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

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

Lab Sample ID: MB 880-126915/1-A
Matrix: Solid
Analysis Batch: 126936

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 126915

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		12/17/25 08:08	12/17/25 08:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/17/25 08:08	12/17/25 08:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/17/25 08:08	12/17/25 08:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*117*		*70 - 130*	*12/17/25 08:08*	*12/17/25 08:29*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*12/17/25 08:08*	*12/17/25 08:29*	*1*

Lab Sample ID: LCS 880-126915/2-A
Matrix: Solid
Analysis Batch: 126936

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 126915

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1108		mg/Kg		111	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1144		mg/Kg		114	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66246-1
SDG: 3054

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

Lab Sample ID: LCS 880-126915/2-A
Matrix: Solid
Analysis Batch: 126936

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 126915

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	120		70 - 130
o-Terphenyl (Surr)	114		70 - 130

Lab Sample ID: LCSD 880-126915/3-A
Matrix: Solid
Analysis Batch: 126936

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 126915

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1118		mg/Kg		112	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1160		mg/Kg		116	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	116		70 - 130
o-Terphenyl (Surr)	114		70 - 130

Lab Sample ID: 880-66216-A-1-B MS
Matrix: Solid
Analysis Batch: 126936

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 126915

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	753.5		mg/Kg		76	70 - 130		
Diesel Range Organics (Over C10-C28)	96.6		995	844.6		mg/Kg		75	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	109		70 - 130
o-Terphenyl (Surr)	105		70 - 130

Lab Sample ID: 880-66216-A-1-C MSD
Matrix: Solid
Analysis Batch: 126936

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 126915

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	757.4		mg/Kg		76	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	96.6		995	866.5		mg/Kg		77	70 - 130	3	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	110		70 - 130
o-Terphenyl (Surr)	105		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66246-1
SDG: 3054

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-126960/1-A
Matrix: Solid
Analysis Batch: 126988

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/17/25 18:54	1

Lab Sample ID: LCS 880-126960/2-A
Matrix: Solid
Analysis Batch: 126988

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	234.4		mg/Kg		94	90 - 110		

Lab Sample ID: LCSD 880-126960/3-A
Matrix: Solid
Analysis Batch: 126988

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	233.9		mg/Kg		94	90 - 110	0	20

Lab Sample ID: 880-66246-5 MS
Matrix: Solid
Analysis Batch: 126988

Client Sample ID: SW-15 (3.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	345		253	589.4		mg/Kg		97	90 - 110		

Lab Sample ID: 880-66246-5 MSD
Matrix: Solid
Analysis Batch: 126988

Client Sample ID: SW-15 (3.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	345		253	588.6		mg/Kg		97	90 - 110	0	20

Lab Sample ID: MB 880-126959/1-A
Matrix: Solid
Analysis Batch: 126993

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/17/25 23:27	1

Lab Sample ID: LCS 880-126959/2-A
Matrix: Solid
Analysis Batch: 126993

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	262.0		mg/Kg		105	90 - 110		

Lab Sample ID: LCSD 880-126959/3-A
Matrix: Solid
Analysis Batch: 126993

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	261.6		mg/Kg		105	90 - 110	0	20

QC Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66246-1
SDG: 3054

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-66245-A-1-B MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 126993

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	241		249	493.4		mg/Kg		101	90 - 110

Lab Sample ID: 880-66245-A-1-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 126993

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	241		249	496.2		mg/Kg		102	90 - 110	1	20

Lab Sample ID: MB 880-127180/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 127244

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/19/25 10:40	1

Lab Sample ID: LCS 880-127180/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 127244

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	232.9		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-127180/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 127244

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	232.4		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 880-66352-A-2-B MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 127244

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1070		251	1290	4	mg/Kg		88	90 - 110

Lab Sample ID: 880-66352-A-2-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 127244

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1070		251	1291	4	mg/Kg		88	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66246-1
SDG: 3054

GC VOA

Prep Batch: 126857

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66246-1	CS-12 (3.0')	Total/NA	Solid	5035	
880-66246-2	CS-13 (3.0')	Total/NA	Solid	5035	
880-66246-3	CS-14 (5.0')	Total/NA	Solid	5035	
880-66246-4	CS-15 (5.0')	Total/NA	Solid	5035	
880-66246-5	SW-15 (3.0')	Total/NA	Solid	5035	
880-66246-6	SW-16 (3.0')	Total/NA	Solid	5035	
880-66246-7	SW-17 (3.0')	Total/NA	Solid	5035	
880-66246-8	SW-18 (3.0')	Total/NA	Solid	5035	
880-66246-9	SW-19 (3.0'-5.0')	Total/NA	Solid	5035	
880-66246-10	SW-20 (5.0')	Total/NA	Solid	5035	
MB 880-126857/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-126857/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-126857/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-66246-1 MS	CS-12 (3.0')	Total/NA	Solid	5035	
880-66246-1 MSD	CS-12 (3.0')	Total/NA	Solid	5035	

Analysis Batch: 127050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66246-1	CS-12 (3.0')	Total/NA	Solid	8021B	126857
880-66246-2	CS-13 (3.0')	Total/NA	Solid	8021B	126857
880-66246-3	CS-14 (5.0')	Total/NA	Solid	8021B	126857
880-66246-4	CS-15 (5.0')	Total/NA	Solid	8021B	126857
880-66246-5	SW-15 (3.0')	Total/NA	Solid	8021B	126857
880-66246-6	SW-16 (3.0')	Total/NA	Solid	8021B	126857
880-66246-7	SW-17 (3.0')	Total/NA	Solid	8021B	126857
880-66246-8	SW-18 (3.0')	Total/NA	Solid	8021B	126857
880-66246-9	SW-19 (3.0'-5.0')	Total/NA	Solid	8021B	126857
880-66246-10	SW-20 (5.0')	Total/NA	Solid	8021B	126857
MB 880-126857/5-A	Method Blank	Total/NA	Solid	8021B	126857
LCS 880-126857/1-A	Lab Control Sample	Total/NA	Solid	8021B	126857
LCSD 880-126857/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	126857
880-66246-1 MS	CS-12 (3.0')	Total/NA	Solid	8021B	126857
880-66246-1 MSD	CS-12 (3.0')	Total/NA	Solid	8021B	126857

Analysis Batch: 127136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66246-1	CS-12 (3.0')	Total/NA	Solid	Total BTEX	
880-66246-2	CS-13 (3.0')	Total/NA	Solid	Total BTEX	
880-66246-3	CS-14 (5.0')	Total/NA	Solid	Total BTEX	
880-66246-4	CS-15 (5.0')	Total/NA	Solid	Total BTEX	
880-66246-5	SW-15 (3.0')	Total/NA	Solid	Total BTEX	
880-66246-6	SW-16 (3.0')	Total/NA	Solid	Total BTEX	
880-66246-7	SW-17 (3.0')	Total/NA	Solid	Total BTEX	
880-66246-8	SW-18 (3.0')	Total/NA	Solid	Total BTEX	
880-66246-9	SW-19 (3.0'-5.0')	Total/NA	Solid	Total BTEX	
880-66246-10	SW-20 (5.0')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66246-1
SDG: 3054

GC Semi VOA

Prep Batch: 126915

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66246-1	CS-12 (3.0')	Total/NA	Solid	8015NM Prep	
880-66246-2	CS-13 (3.0')	Total/NA	Solid	8015NM Prep	
880-66246-3	CS-14 (5.0')	Total/NA	Solid	8015NM Prep	
880-66246-4	CS-15 (5.0')	Total/NA	Solid	8015NM Prep	
880-66246-5	SW-15 (3.0')	Total/NA	Solid	8015NM Prep	
880-66246-6	SW-16 (3.0')	Total/NA	Solid	8015NM Prep	
880-66246-7	SW-17 (3.0')	Total/NA	Solid	8015NM Prep	
880-66246-8	SW-18 (3.0')	Total/NA	Solid	8015NM Prep	
880-66246-9	SW-19 (3.0'-5.0')	Total/NA	Solid	8015NM Prep	
880-66246-10	SW-20 (5.0')	Total/NA	Solid	8015NM Prep	
MB 880-126915/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-126915/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-126915/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-66216-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-66216-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 126936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66246-1	CS-12 (3.0')	Total/NA	Solid	8015B NM	126915
880-66246-2	CS-13 (3.0')	Total/NA	Solid	8015B NM	126915
880-66246-3	CS-14 (5.0')	Total/NA	Solid	8015B NM	126915
880-66246-4	CS-15 (5.0')	Total/NA	Solid	8015B NM	126915
880-66246-5	SW-15 (3.0')	Total/NA	Solid	8015B NM	126915
880-66246-6	SW-16 (3.0')	Total/NA	Solid	8015B NM	126915
880-66246-7	SW-17 (3.0')	Total/NA	Solid	8015B NM	126915
880-66246-8	SW-18 (3.0')	Total/NA	Solid	8015B NM	126915
880-66246-9	SW-19 (3.0'-5.0')	Total/NA	Solid	8015B NM	126915
880-66246-10	SW-20 (5.0')	Total/NA	Solid	8015B NM	126915
MB 880-126915/1-A	Method Blank	Total/NA	Solid	8015B NM	126915
LCS 880-126915/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	126915
LCSD 880-126915/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	126915
880-66216-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	126915
880-66216-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	126915

Analysis Batch: 127020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66246-1	CS-12 (3.0')	Total/NA	Solid	8015 NM	
880-66246-2	CS-13 (3.0')	Total/NA	Solid	8015 NM	
880-66246-3	CS-14 (5.0')	Total/NA	Solid	8015 NM	
880-66246-4	CS-15 (5.0')	Total/NA	Solid	8015 NM	
880-66246-5	SW-15 (3.0')	Total/NA	Solid	8015 NM	
880-66246-6	SW-16 (3.0')	Total/NA	Solid	8015 NM	
880-66246-7	SW-17 (3.0')	Total/NA	Solid	8015 NM	
880-66246-8	SW-18 (3.0')	Total/NA	Solid	8015 NM	
880-66246-9	SW-19 (3.0'-5.0')	Total/NA	Solid	8015 NM	
880-66246-10	SW-20 (5.0')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66246-1
SDG: 3054

HPLC/IC

Leach Batch: 126959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66246-1	CS-12 (3.0')	Soluble	Solid	DI Leach	
880-66246-2	CS-13 (3.0')	Soluble	Solid	DI Leach	
880-66246-3	CS-14 (5.0')	Soluble	Solid	DI Leach	
880-66246-4	CS-15 (5.0')	Soluble	Solid	DI Leach	
MB 880-126959/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-126959/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-126959/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-66245-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-66245-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 126960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66246-5	SW-15 (3.0')	Soluble	Solid	DI Leach	
880-66246-7	SW-17 (3.0')	Soluble	Solid	DI Leach	
880-66246-8	SW-18 (3.0')	Soluble	Solid	DI Leach	
880-66246-10	SW-20 (5.0')	Soluble	Solid	DI Leach	
MB 880-126960/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-126960/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-126960/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-66246-5 MS	SW-15 (3.0')	Soluble	Solid	DI Leach	
880-66246-5 MSD	SW-15 (3.0')	Soluble	Solid	DI Leach	

Analysis Batch: 126988

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66246-5	SW-15 (3.0')	Soluble	Solid	300.0	126960
880-66246-7	SW-17 (3.0')	Soluble	Solid	300.0	126960
880-66246-8	SW-18 (3.0')	Soluble	Solid	300.0	126960
880-66246-10	SW-20 (5.0')	Soluble	Solid	300.0	126960
MB 880-126960/1-A	Method Blank	Soluble	Solid	300.0	126960
LCS 880-126960/2-A	Lab Control Sample	Soluble	Solid	300.0	126960
LCSD 880-126960/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	126960
880-66246-5 MS	SW-15 (3.0')	Soluble	Solid	300.0	126960
880-66246-5 MSD	SW-15 (3.0')	Soluble	Solid	300.0	126960

Analysis Batch: 126993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66246-1	CS-12 (3.0')	Soluble	Solid	300.0	126959
880-66246-2	CS-13 (3.0')	Soluble	Solid	300.0	126959
880-66246-3	CS-14 (5.0')	Soluble	Solid	300.0	126959
880-66246-4	CS-15 (5.0')	Soluble	Solid	300.0	126959
MB 880-126959/1-A	Method Blank	Soluble	Solid	300.0	126959
LCS 880-126959/2-A	Lab Control Sample	Soluble	Solid	300.0	126959
LCSD 880-126959/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	126959
880-66245-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	126959
880-66245-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	126959

Leach Batch: 127180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66246-6	SW-16 (3.0')	Soluble	Solid	DI Leach	
880-66246-9	SW-19 (3.0'-5.0')	Soluble	Solid	DI Leach	
MB 880-127180/1-A	Method Blank	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66246-1
SDG: 3054

HPLC/IC (Continued)

Leach Batch: 127180 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-127180/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-127180/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-66352-A-2-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-66352-A-2-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 127244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66246-6	SW-16 (3.0')	Soluble	Solid	300.0	127180
880-66246-9	SW-19 (3.0'-5.0')	Soluble	Solid	300.0	127180
MB 880-127180/1-A	Method Blank	Soluble	Solid	300.0	127180
LCS 880-127180/2-A	Lab Control Sample	Soluble	Solid	300.0	127180
LCSD 880-127180/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	127180
880-66352-A-2-B MS	Matrix Spike	Soluble	Solid	300.0	127180
880-66352-A-2-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	127180

Lab Chronicle

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66246-1
SDG: 3054

Client Sample ID: CS-12 (3.0')
Date Collected: 12/16/25 00:00
Date Received: 12/17/25 09:35

Lab Sample ID: 880-66246-1
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			5.01 g	5 mL	126857	12/17/25 13:07	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127050	12/18/25 10:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			127136	12/18/25 10:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			127020	12/17/25 13:27	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	126915	12/17/25 08:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126936	12/17/25 13:27	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	126959	12/17/25 11:14	SI	EET MID
Soluble	Analysis	300.0		1			126993	12/18/25 02:35	CS	EET MID

Client Sample ID: CS-13 (3.0')
Date Collected: 12/16/25 00:00
Date Received: 12/17/25 09:35

Lab Sample ID: 880-66246-2
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			4.98 g	5 mL	126857	12/17/25 13:07	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127050	12/18/25 10:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			127136	12/18/25 10:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			127020	12/17/25 13:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	126915	12/17/25 08:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126936	12/17/25 13:42	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	126959	12/17/25 11:14	SI	EET MID
Soluble	Analysis	300.0		1			126993	12/18/25 02:42	CS	EET MID

Client Sample ID: CS-14 (5.0')
Date Collected: 12/16/25 00:00
Date Received: 12/17/25 09:35

Lab Sample ID: 880-66246-3
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			4.96 g	5 mL	126857	12/17/25 13:07	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127050	12/18/25 11:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			127136	12/18/25 11:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			127020	12/17/25 14:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	126915	12/17/25 08:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126936	12/17/25 14:13	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	126959	12/17/25 11:14	SI	EET MID
Soluble	Analysis	300.0		1			126993	12/18/25 02:49	CS	EET MID

Client Sample ID: CS-15 (5.0')
Date Collected: 12/16/25 00:00
Date Received: 12/17/25 09:35

Lab Sample ID: 880-66246-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	126857	12/17/25 13:07	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127050	12/18/25 11:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			127136	12/18/25 11:32	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66246-1
SDG: 3054

Client Sample ID: CS-15 (5.0')

Lab Sample ID: 880-66246-4
Matrix: Solid
Date Collected: 12/16/25 00:00
Date Received: 12/17/25 09:35

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			127020	12/17/25 14:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	126915	12/17/25 08:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126936	12/17/25 14:28	SA	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	126959	12/17/25 11:14	SI	EET MID
Soluble	Analysis	300.0		1			126993	12/18/25 02:56	CS	EET MID

Client Sample ID: SW-15 (3.0')

Lab Sample ID: 880-66246-5
Matrix: Solid
Date Collected: 12/16/25 00:00
Date Received: 12/17/25 09:35

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	126857	12/17/25 13:07	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127050	12/18/25 11:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			127136	12/18/25 11:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			127020	12/17/25 14:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	126915	12/17/25 08:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126936	12/17/25 14:43	SA	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	126960	12/17/25 11:16	SI	EET MID
Soluble	Analysis	300.0		1			126988	12/17/25 20:18	CS	EET MID

Client Sample ID: SW-16 (3.0')

Lab Sample ID: 880-66246-6
Matrix: Solid
Date Collected: 12/16/25 00:00
Date Received: 12/17/25 09:35

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	126857	12/17/25 13:07	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127050	12/18/25 12:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			127136	12/18/25 12:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			127020	12/17/25 14:58	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	126915	12/17/25 08:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126936	12/17/25 14:58	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	127180	12/19/25 11:10	SMC	EET MID
Soluble	Analysis	300.0		1			127244	12/19/25 12:53	CS	EET MID

Client Sample ID: SW-17 (3.0')

Lab Sample ID: 880-66246-7
Matrix: Solid
Date Collected: 12/16/25 00:00
Date Received: 12/17/25 09:35

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	126857	12/17/25 13:07	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127050	12/18/25 12:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			127136	12/18/25 12:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			127020	12/17/25 15:13	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	126915	12/17/25 08:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126936	12/17/25 15:13	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66246-1
SDG: 3054

Client Sample ID: SW-17 (3.0')

Lab Sample ID: 880-66246-7
Matrix: Solid
Date Collected: 12/16/25 00:00
Date Received: 12/17/25 09:35

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	126960	12/17/25 11:16	SI	EET MID
Soluble	Analysis	300.0		1			126988	12/17/25 20:38	CS	EET MID

Client Sample ID: SW-18 (3.0')

Lab Sample ID: 880-66246-8
Matrix: Solid
Date Collected: 12/16/25 00:00
Date Received: 12/17/25 09:35

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	126857	12/17/25 13:07	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127050	12/18/25 12:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			127136	12/18/25 12:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			127020	12/17/25 15:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	126915	12/17/25 08:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126936	12/17/25 15:29	SA	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	126960	12/17/25 11:16	SI	EET MID
Soluble	Analysis	300.0		1			126988	12/17/25 20:53	CS	EET MID

Client Sample ID: SW-19 (3.0'-5.0')

Lab Sample ID: 880-66246-9
Matrix: Solid
Date Collected: 12/16/25 00:00
Date Received: 12/17/25 09:35

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	126857	12/17/25 13:07	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127050	12/18/25 13:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			127136	12/18/25 13:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			127020	12/17/25 15:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	126915	12/17/25 08:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126936	12/17/25 15:43	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	127180	12/19/25 11:10	SMC	EET MID
Soluble	Analysis	300.0		1			127244	12/19/25 12:58	CS	EET MID

Client Sample ID: SW-20 (5.0')

Lab Sample ID: 880-66246-10
Matrix: Solid
Date Collected: 12/16/25 00:00
Date Received: 12/17/25 09:35

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	126857	12/17/25 13:07	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127050	12/18/25 13:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			127136	12/18/25 13:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			127020	12/17/25 15:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	126915	12/17/25 08:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126936	12/17/25 15:59	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	126960	12/17/25 11:16	SI	EET MID
Soluble	Analysis	300.0		1			126988	12/17/25 21:03	CS	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66246-1
SDG: 3054

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: Crazy Goat CTB (10.27.2025)

Job ID: 880-66246-1
SDG: 3054

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

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: Crazy Goat CTB (10.27.2025)

Job ID: 880-66246-1
SDG: 3054

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: Crazy Goat CTB (10.27.2025)

Job ID: 880-66246-1
SDG: 3054

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-66246-1	CS-12 (3.0')	Solid	12/16/25 00:00	12/17/25 09:35	New Mexico
880-66246-2	CS-13 (3.0')	Solid	12/16/25 00:00	12/17/25 09:35	New Mexico
880-66246-3	CS-14 (5.0')	Solid	12/16/25 00:00	12/17/25 09:35	New Mexico
880-66246-4	CS-15 (5.0')	Solid	12/16/25 00:00	12/17/25 09:35	New Mexico
880-66246-5	SW-15 (3.0')	Solid	12/16/25 00:00	12/17/25 09:35	New Mexico
880-66246-6	SW-16 (3.0')	Solid	12/16/25 00:00	12/17/25 09:35	New Mexico
880-66246-7	SW-17 (3.0')	Solid	12/16/25 00:00	12/17/25 09:35	New Mexico
880-66246-8	SW-18 (3.0')	Solid	12/16/25 00:00	12/17/25 09:35	New Mexico
880-66246-9	SW-19 (3.0'-5.0')	Solid	12/16/25 00:00	12/17/25 09:35	New Mexico
880-66246-10	SW-20 (5.0')	Solid	12/16/25 00:00	12/17/25 09:35	New Mexico

Released to Imaging: 4/16/2026 3:42:59 PM
Received by OCD: 3/16/2026 12:13:19 PM

Chain of Custody

880-66246 Chain of Custody

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Crazy Goat CTB (10.27.2025)	Turn Around	
Project Number:	3054	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date:	24 hr.
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	IR8
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.1
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-5.3
Total Containers:		Corrected Temperature:	-5.4

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	Sample Comments
CS-12 (3.0')	12/16/2025		X		Comp	1		X	X	X		
CS-13 (3.0')	12/16/2025		X		Comp	1		X	X	X		
CS-14 (5.0')	12/16/2025		X		Comp	1		X	X	X		
CS-15 (5.0')	12/16/2025		X		Comp	1		X	X	X		
SW-15 (3.0')	12/16/2025		X		Comp	1		X	X	X		
SW-16 (3.0')	12/16/2025		X		Comp	1		X	X	X		
SW-17 (3.0')	12/16/2025		X		Comp	1		X	X	X		
SW-18 (3.0')	12/16/2025		X		Comp	1		X	X	X		
SW-19 (3.0'-5.0')	12/16/2025		X		Comp	1		X	X	X		
SW-20 (5.0')	12/16/2025		X		Comp	1		X	X	X		

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	12.27.25 935	Erin Ryan	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-66246-1
SDG Number: 3054

Login Number: 66246
List Number: 1
Creator: Dyal, Erica

List Source: Eurofins Midland

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

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

December 18, 2025

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: CRAZY GOAT CTB (10.27.2025)

Enclosed are the results of analyses for samples received by the laboratory on 12/18/25 11:19.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	12/18/2025	Sampling Date:	12/18/2025
Reported:	12/18/2025	Sampling Type:	Soil
Project Name:	CRAZY GOAT CTB (10.27.2025)	Sampling Condition:	Cool & Intact
Project Number:	3054	Sample Received By:	Alyssa Parras
Project Location:	BTA - LEA CO NM		

Sample ID: CS - 16 (5.0') (H257838-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2025	ND	1.95	97.6	2.00	2.52	
Toluene*	<0.050	0.050	12/18/2025	ND	1.97	98.7	2.00	2.72	
Ethylbenzene*	<0.050	0.050	12/18/2025	ND	1.98	98.9	2.00	1.86	
Total Xylenes*	<0.150	0.150	12/18/2025	ND	6.16	103	6.00	1.73	
Total BTEX	<0.300	0.300	12/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	12/18/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2025	ND	194	96.8	200	0.235	
DRO >C10-C28*	<10.0	10.0	12/18/2025	ND	178	89.1	200	0.749	
EXT DRO >C28-C36	<10.0	10.0	12/18/2025	ND					

Surrogate: 1-Chlorooctane *100 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *97.4 %* *39.9-141*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	12/18/2025	Sampling Date:	12/18/2025
Reported:	12/18/2025	Sampling Type:	Soil
Project Name:	CRAZY GOAT CTB (10.27.2025)	Sampling Condition:	Cool & Intact
Project Number:	3054	Sample Received By:	Alyssa Parras
Project Location:	BTA - LEA CO NM		

Sample ID: SW - 21 (5.0') (H257838-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2025	ND	1.95	97.6	2.00	2.52	
Toluene*	<0.050	0.050	12/18/2025	ND	1.97	98.7	2.00	2.72	
Ethylbenzene*	<0.050	0.050	12/18/2025	ND	1.98	98.9	2.00	1.86	
Total Xylenes*	<0.150	0.150	12/18/2025	ND	6.16	103	6.00	1.73	
Total BTEX	<0.300	0.300	12/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	12/18/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2025	ND	194	96.8	200	0.235	
DRO >C10-C28*	<10.0	10.0	12/18/2025	ND	178	89.1	200	0.749	
EXT DRO >C28-C36	<10.0	10.0	12/18/2025	ND					

Surrogate: 1-Chlorooctane *88.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *82.0 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	12/18/2025	Sampling Date:	12/18/2025
Reported:	12/18/2025	Sampling Type:	Soil
Project Name:	CRAZY GOAT CTB (10.27.2025)	Sampling Condition:	Cool & Intact
Project Number:	3054	Sample Received By:	Alyssa Parras
Project Location:	BTA - LEA CO NM		

Sample ID: SW - 22 (5.0') (H257838-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2025	ND	1.95	97.6	2.00	2.52	
Toluene*	<0.050	0.050	12/18/2025	ND	1.97	98.7	2.00	2.72	
Ethylbenzene*	<0.050	0.050	12/18/2025	ND	1.98	98.9	2.00	1.86	
Total Xylenes*	<0.150	0.150	12/18/2025	ND	6.16	103	6.00	1.73	
Total BTEX	<0.300	0.300	12/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	12/18/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2025	ND	194	96.8	200	0.235	
DRO >C10-C28*	<10.0	10.0	12/18/2025	ND	178	89.1	200	0.749	
EXT DRO >C28-C36	<10.0	10.0	12/18/2025	ND					

Surrogate: 1-Chlorooctane *97.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *92.9 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	12/18/2025	Sampling Date:	12/18/2025
Reported:	12/18/2025	Sampling Type:	Soil
Project Name:	CRAZY GOAT CTB (10.27.2025)	Sampling Condition:	Cool & Intact
Project Number:	3054	Sample Received By:	Alyssa Parras
Project Location:	BTA - LEA CO NM		

Sample ID: SW - 23 (5.0') (H257838-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2025	ND	1.95	97.6	2.00	2.52	
Toluene*	<0.050	0.050	12/18/2025	ND	1.97	98.7	2.00	2.72	
Ethylbenzene*	<0.050	0.050	12/18/2025	ND	1.98	98.9	2.00	1.86	
Total Xylenes*	<0.150	0.150	12/18/2025	ND	6.16	103	6.00	1.73	
Total BTEX	<0.300	0.300	12/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	12/18/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2025	ND	194	96.8	200	0.235	
DRO >C10-C28*	<10.0	10.0	12/18/2025	ND	178	89.1	200	0.749	
EXT DRO >C28-C36	<10.0	10.0	12/18/2025	ND					

Surrogate: 1-Chlorooctane *105 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *98.8 %* *39.9-141*

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	12/18/2025	Sampling Date:	12/18/2025
Reported:	12/18/2025	Sampling Type:	Soil
Project Name:	CRAZY GOAT CTB (10.27.2025)	Sampling Condition:	Cool & Intact
Project Number:	3054	Sample Received By:	Alyssa Parras
Project Location:	BTA - LEA CO NM		

Sample ID: SW - 24 (5.0') (H257838-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2025	ND	1.95	97.6	2.00	2.52	
Toluene*	<0.050	0.050	12/18/2025	ND	1.97	98.7	2.00	2.72	
Ethylbenzene*	<0.050	0.050	12/18/2025	ND	1.98	98.9	2.00	1.86	
Total Xylenes*	<0.150	0.150	12/18/2025	ND	6.16	103	6.00	1.73	
Total BTEX	<0.300	0.300	12/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	12/18/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2025	ND	194	96.8	200	0.235	
DRO >C10-C28*	<10.0	10.0	12/18/2025	ND	178	89.1	200	0.749	
EXT DRO >C28-C36	<10.0	10.0	12/18/2025	ND					

Surrogate: 1-Chlorooctane *98.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *93.3 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

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Chain of Custody

Work Order No: H255638

Page 1 of 1

Project Manager:	Ashton Thielke	Bill to: (if different)	Noah Tinker
Company Name:	Carmona Resources	Company Name:	BTA Oil Producers, LLC
Address:	310 W Wall St Ste 500	Address:	104 S Pecos St.
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	ntinker@btaoil.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Crazy Goat CTB (10.27.2025)	Turn Around	☐ Routine ☑ Rush
Project Number:	3054	Due Date:	Same Day
Project Location	Lea County, New Mexico		
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)
Received Intact:	(Yes) No	Thermometer ID:	#140
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	+0.3
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	3.6
Total Containers:		Corrected Temperature:	3.9

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Hold	Sample Comments
CS-16 (5.0')	12/18/2025		X		Comp	1		X	X	X		
SW-21 (5.0')	12/18/2025		X		Comp	1		X	X	X		
SW-22 (5.0')	12/18/2025		X		Comp	1		X	X	X		
SW-23 (5.0')	12/18/2025		X		Comp	1		X	X	X		
SW-24 (5.0')	12/18/2025		X		Comp	1		X	X	X		

Comments:

CHLORIDE - EPA

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			12.18.25
			1119

Received by OCD: 3/16/2026 12:13:19 PM

Released to Imaging: 4/16/2026 3:42:59 PM

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/23/2026 4:58:11 PM

JOB DESCRIPTION

Crazy Goat CTB (10.27.2025)
Lea County New Mexico

JOB NUMBER

880-68633-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 4/16/2026 3:42:39 PM

my EOL

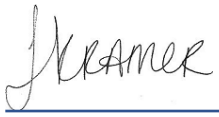
Eurofins Midland

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

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Laboratory Job ID: 880-68633-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68633-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Crazy Goat CTB (10.27.2025)

Job ID: 880-68633-1

Job ID: 880-68633-1 Eurofins Midland

Job Narrative
880-68633-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 2/20/2026 3:42 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 7.0°C.

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

Diesel Range Organics
Method 8015B NM: Surrogate recovery for the following sample was outside control limits: CS-24 (5.0') (880-68633-8). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (880-68633-A-1-B MS) and (880-68633-A-1-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: The surrogate recovery for the blank associated with preparation batch 880-132595 and analytical batch 880-132645 was outside the upper control limits.

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

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

Client Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68633-1
SDG: Lea County New Mexico

Client Sample ID: CS-17 (5.0')

Lab Sample ID: 880-68633-1
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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		02/21/26 09:37	02/22/26 21:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/21/26 09:37	02/22/26 21:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/21/26 09:37	02/22/26 21:06	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		02/21/26 09:37	02/22/26 21:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/21/26 09:37	02/22/26 21:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/21/26 09:37	02/22/26 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*02/21/26 09:37*	*02/22/26 21:06*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*02/21/26 09:37*	*02/22/26 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			02/22/26 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	<50.0	U	50.0		mg/Kg			02/23/26 11:13	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	<50.0	U	50.0		mg/Kg		02/20/26 15:26	02/23/26 11:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/20/26 15:26	02/23/26 11:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/20/26 15:26	02/23/26 11:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*118*		*70 - 130*	*02/20/26 15:26*	*02/23/26 11:13*	*1*
o-Terphenyl (Surr)	*128*		*70 - 130*	*02/20/26 15:26*	*02/23/26 11:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**182**		9.96		mg/Kg			02/21/26 23:06	1

Client Sample ID: CS-18 (5.0')

Lab Sample ID: 880-68633-2
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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		02/21/26 09:37	02/22/26 21:27	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/21/26 09:37	02/22/26 21:27	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/21/26 09:37	02/22/26 21:27	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		02/21/26 09:37	02/22/26 21:27	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/21/26 09:37	02/22/26 21:27	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/21/26 09:37	02/22/26 21:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*02/21/26 09:37*	*02/22/26 21:27*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*02/21/26 09:37*	*02/22/26 21:27*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68633-1
SDG: Lea County New Mexico

Client Sample ID: CS-18 (5.0')

Lab Sample ID: 880-68633-2
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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			02/22/26 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	**51.3**		50.0		mg/Kg			02/23/26 11:55	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		02/20/26 15:26	02/23/26 11:55	1
Diesel Range Organics (Over C10-C28)	**51.3**		50.0		mg/Kg		02/20/26 15:26	02/23/26 11:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/20/26 15:26	02/23/26 11:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*120*		*70 - 130*	*02/20/26 15:26*	*02/23/26 11:55*	*1*
o-Terphenyl (Surr)	*122*		*70 - 130*	*02/20/26 15:26*	*02/23/26 11:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**222**		9.98		mg/Kg			02/21/26 23:26	1

Client Sample ID: CS-19 (5.0')

Lab Sample ID: 880-68633-3
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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		02/21/26 09:37	02/22/26 21:47	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/21/26 09:37	02/22/26 21:47	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/21/26 09:37	02/22/26 21:47	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		02/21/26 09:37	02/22/26 21:47	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/21/26 09:37	02/22/26 21:47	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/21/26 09:37	02/22/26 21:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*02/21/26 09:37*	*02/22/26 21:47*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*02/21/26 09:37*	*02/22/26 21:47*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/22/26 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	**240**		50.3		mg/Kg			02/23/26 12:09	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	<50.3	U	50.3		mg/Kg		02/20/26 15:26	02/23/26 12:09	1
Diesel Range Organics (Over C10-C28)	**240**		50.3		mg/Kg		02/20/26 15:26	02/23/26 12:09	1

Client Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68633-1
SDG: Lea County New Mexico

Client Sample ID: CS-19 (5.0')

Lab Sample ID: 880-68633-3
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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		02/20/26 15:26	02/23/26 12:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*02/20/26 15:26*	*02/23/26 12:09*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*02/20/26 15:26*	*02/23/26 12:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**479**		9.92		mg/Kg			02/21/26 23:32	1

Client Sample ID: CS-20 (5.0')

Lab Sample ID: 880-68633-4
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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		02/21/26 09:37	02/22/26 22:08	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/21/26 09:37	02/22/26 22:08	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/21/26 09:37	02/22/26 22:08	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		02/21/26 09:37	02/22/26 22:08	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/21/26 09:37	02/22/26 22:08	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/21/26 09:37	02/22/26 22:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*02/21/26 09:37*	*02/22/26 22:08*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*02/21/26 09:37*	*02/22/26 22:08*	*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			02/22/26 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	<50.2	U	50.2		mg/Kg			02/23/26 12:23	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	<50.2	U	50.2		mg/Kg		02/20/26 15:26	02/23/26 12:23	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		02/20/26 15:26	02/23/26 12:23	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		02/20/26 15:26	02/23/26 12:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*120*		*70 - 130*	*02/20/26 15:26*	*02/23/26 12:23*	*1*
o-Terphenyl (Surr)	*122*		*70 - 130*	*02/20/26 15:26*	*02/23/26 12:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**204**		9.94		mg/Kg			02/21/26 23:39	1

Client Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68633-1
SDG: Lea County New Mexico

Client Sample ID: CS-21 (5.0')

Lab Sample ID: 880-68633-5
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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		02/21/26 09:37	02/22/26 22:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/21/26 09:37	02/22/26 22:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/21/26 09:37	02/22/26 22:28	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		02/21/26 09:37	02/22/26 22:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/21/26 09:37	02/22/26 22:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/21/26 09:37	02/22/26 22:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*02/21/26 09:37*	*02/22/26 22:28*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*02/21/26 09:37*	*02/22/26 22:28*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/22/26 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	**167**		49.8		mg/Kg			02/23/26 12:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/20/26 15:26	02/23/26 12:37	1
Diesel Range Organics (Over C10-C28)	**167**		49.8		mg/Kg		02/20/26 15:26	02/23/26 12:37	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/20/26 15:26	02/23/26 12:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*02/20/26 15:26*	*02/23/26 12:37*	*1*
o-Terphenyl (Surr)	*115*		*70 - 130*	*02/20/26 15:26*	*02/23/26 12:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**507**		9.94		mg/Kg			02/21/26 23:46	1

Client Sample ID: CS-22 (5.0')

Lab Sample ID: 880-68633-6
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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		02/21/26 09:37	02/22/26 22:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/21/26 09:37	02/22/26 22:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/21/26 09:37	02/22/26 22:49	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		02/21/26 09:37	02/22/26 22:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/21/26 09:37	02/22/26 22:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/21/26 09:37	02/22/26 22:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*02/21/26 09:37*	*02/22/26 22:49*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*02/21/26 09:37*	*02/22/26 22:49*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68633-1
SDG: Lea County New Mexico

Client Sample ID: CS-22 (5.0')

Lab Sample ID: 880-68633-6
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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			02/22/26 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	**163**		50.0		mg/Kg			02/23/26 12:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/20/26 15:26	02/23/26 12:51	1
Diesel Range Organics (Over C10-C28)	**163**		50.0		mg/Kg		02/20/26 15:26	02/23/26 12:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/20/26 15:26	02/23/26 12:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*02/20/26 15:26*	*02/23/26 12:51*	*1*
o-Terphenyl (Surr)	*121*		*70 - 130*	*02/20/26 15:26*	*02/23/26 12:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**223**		9.96		mg/Kg			02/22/26 00:06	1

Client Sample ID: CS-23 (5.0')

Lab Sample ID: 880-68633-7
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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		02/21/26 09:37	02/22/26 23:09	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/21/26 09:37	02/22/26 23:09	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/21/26 09:37	02/22/26 23:09	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		02/21/26 09:37	02/22/26 23:09	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/21/26 09:37	02/22/26 23:09	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/21/26 09:37	02/22/26 23:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*02/21/26 09:37*	*02/22/26 23:09*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*02/21/26 09:37*	*02/22/26 23:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/22/26 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	**71.2**		50.2		mg/Kg			02/23/26 13:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		02/20/26 15:26	02/23/26 13:05	1
Diesel Range Organics (Over C10-C28)	**71.2**		50.2		mg/Kg		02/20/26 15:26	02/23/26 13:05	1

Client Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68633-1
SDG: Lea County New Mexico

Client Sample ID: CS-23 (5.0')

Lab Sample ID: 880-68633-7
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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)	<50.2	U	50.2		mg/Kg		02/20/26 15:26	02/23/26 13:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*02/20/26 15:26*	*02/23/26 13:05*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*02/20/26 15:26*	*02/23/26 13:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**540**		10.0		mg/Kg			02/22/26 00:13	1

Client Sample ID: CS-24 (5.0')

Lab Sample ID: 880-68633-8
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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		02/21/26 09:37	02/22/26 23:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/21/26 09:37	02/22/26 23:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/21/26 09:37	02/22/26 23:30	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		02/21/26 09:37	02/22/26 23:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/21/26 09:37	02/22/26 23:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/21/26 09:37	02/22/26 23:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*02/21/26 09:37*	*02/22/26 23:30*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*02/21/26 09:37*	*02/22/26 23:30*	*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			02/22/26 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	**126**		50.1		mg/Kg			02/23/26 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	<50.1	U	50.1		mg/Kg		02/20/26 15:26	02/23/26 13:19	1
Diesel Range Organics (Over C10-C28)	**126**		50.1		mg/Kg		02/20/26 15:26	02/23/26 13:19	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/20/26 15:26	02/23/26 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*134*	*S1+*	*70 - 130*	*02/20/26 15:26*	*02/23/26 13:19*	*1*
o-Terphenyl (Surr)	*135*	*S1+*	*70 - 130*	*02/20/26 15:26*	*02/23/26 13:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**174**		9.96		mg/Kg			02/22/26 00:19	1

Client Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68633-1
SDG: Lea County New Mexico

Client Sample ID: CS-25 (5.0')

Lab Sample ID: 880-68633-9
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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		02/21/26 09:37	02/22/26 23:50	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/21/26 09:37	02/22/26 23:50	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/21/26 09:37	02/22/26 23:50	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		02/21/26 09:37	02/22/26 23:50	1
o-Xylene	**0.00253**		0.00198		mg/Kg		02/21/26 09:37	02/22/26 23:50	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/21/26 09:37	02/22/26 23:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*02/21/26 09:37*	*02/22/26 23:50*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*02/21/26 09:37*	*02/22/26 23:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/22/26 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	**271**		49.9		mg/Kg			02/23/26 13:32	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		02/20/26 15:26	02/23/26 13:32	1
Diesel Range Organics (Over C10-C28)	**271**		49.9		mg/Kg		02/20/26 15:26	02/23/26 13:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/20/26 15:26	02/23/26 13:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*125*		*70 - 130*	*02/20/26 15:26*	*02/23/26 13:32*	*1*
o-Terphenyl (Surr)	*126*		*70 - 130*	*02/20/26 15:26*	*02/23/26 13:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**484**		10.0		mg/Kg			02/22/26 00:26	1

Client Sample ID: CS-26 (5.0')

Lab Sample ID: 880-68633-10
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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		02/21/26 09:37	02/23/26 00:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/21/26 09:37	02/23/26 00:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/21/26 09:37	02/23/26 00:15	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		02/21/26 09:37	02/23/26 00:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/21/26 09:37	02/23/26 00:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/21/26 09:37	02/23/26 00:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*02/21/26 09:37*	*02/23/26 00:15*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*02/21/26 09:37*	*02/23/26 00:15*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68633-1
SDG: Lea County New Mexico

Client Sample ID: CS-26 (5.0')

Lab Sample ID: 880-68633-10
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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			02/23/26 00:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**171**		50.0		mg/Kg			02/23/26 13:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/20/26 15:26	02/23/26 13:47	1
Diesel Range Organics (Over C10-C28)	**171**		50.0		mg/Kg		02/20/26 15:26	02/23/26 13:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/20/26 15:26	02/23/26 13:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*127*		*70 - 130*	*02/20/26 15:26*	*02/23/26 13:47*	*1*
o-Terphenyl (Surr)	*130*		*70 - 130*	*02/20/26 15:26*	*02/23/26 13:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**229**		10.0		mg/Kg			02/22/26 00:33	1

Client Sample ID: CS-27 (5.0')

Lab Sample ID: 880-68633-11
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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		02/21/26 09:37	02/23/26 01:23	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/21/26 09:37	02/23/26 01:23	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/21/26 09:37	02/23/26 01:23	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		02/21/26 09:37	02/23/26 01:23	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/21/26 09:37	02/23/26 01:23	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/21/26 09:37	02/23/26 01:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*02/21/26 09:37*	*02/23/26 01:23*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*02/21/26 09:37*	*02/23/26 01:23*	*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			02/23/26 01:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**70.8**		49.8		mg/Kg			02/23/26 14:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/20/26 15:26	02/23/26 14:15	1
Diesel Range Organics (Over C10-C28)	**70.8**		49.8		mg/Kg		02/20/26 15:26	02/23/26 14:15	1

Client Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68633-1
SDG: Lea County New Mexico

Client Sample ID: CS-27 (5.0')

Lab Sample ID: 880-68633-11
Date Collected: 02/20/26 00:00
Matrix: Solid
Date Received: 02/20/26 15:42

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		02/20/26 15:26	02/23/26 14:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*123*		*70 - 130*	*02/20/26 15:26*	*02/23/26 14:15*	*1*
o-Terphenyl (Surr)	*124*		*70 - 130*	*02/20/26 15:26*	*02/23/26 14:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**501**		9.98		mg/Kg			02/22/26 00:39	1

Client Sample ID: CS-28 (5.0')

Lab Sample ID: 880-68633-12
Date Collected: 02/20/26 00:00
Matrix: Solid
Date Received: 02/20/26 15:42

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		02/21/26 09:37	02/23/26 01:44	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/21/26 09:37	02/23/26 01:44	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/21/26 09:37	02/23/26 01:44	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		02/21/26 09:37	02/23/26 01:44	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/21/26 09:37	02/23/26 01:44	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/21/26 09:37	02/23/26 01:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*02/21/26 09:37*	*02/23/26 01:44*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*02/21/26 09:37*	*02/23/26 01:44*	*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			02/23/26 01:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**169**		49.8		mg/Kg			02/23/26 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	<49.8	U	49.8		mg/Kg		02/20/26 15:26	02/23/26 14:29	1
Diesel Range Organics (Over C10-C28)	**169**		49.8		mg/Kg		02/20/26 15:26	02/23/26 14:29	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/20/26 15:26	02/23/26 14:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*129*		*70 - 130*	*02/20/26 15:26*	*02/23/26 14:29*	*1*
o-Terphenyl (Surr)	*129*		*70 - 130*	*02/20/26 15:26*	*02/23/26 14:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**235**		10.1		mg/Kg			02/22/26 00:59	1

Client Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68633-1
SDG: Lea County New Mexico

Client Sample ID: CS-29 (5.0')

Lab Sample ID: 880-68633-13
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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		02/21/26 09:37	02/23/26 02:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/21/26 09:37	02/23/26 02:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/21/26 09:37	02/23/26 02:04	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		02/21/26 09:37	02/23/26 02:04	1
o-Xylene	**0.00275**		0.00199		mg/Kg		02/21/26 09:37	02/23/26 02:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/21/26 09:37	02/23/26 02:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*02/21/26 09:37*	*02/23/26 02:04*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*02/21/26 09:37*	*02/23/26 02:04*	*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			02/23/26 02:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/23/26 14:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/20/26 15:26	02/23/26 14:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/20/26 15:26	02/23/26 14:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/20/26 15:26	02/23/26 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*123*		*70 - 130*	*02/20/26 15:26*	*02/23/26 14:43*	*1*
o-Terphenyl (Surr)	*123*		*70 - 130*	*02/20/26 15:26*	*02/23/26 14:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14.3**		10.1		mg/Kg			02/22/26 01:06	1

Client Sample ID: CS-30 (5.0')

Lab Sample ID: 880-68633-14
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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		02/21/26 09:37	02/23/26 02:25	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/21/26 09:37	02/23/26 02:25	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/21/26 09:37	02/23/26 02:25	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		02/21/26 09:37	02/23/26 02:25	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/21/26 09:37	02/23/26 02:25	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/21/26 09:37	02/23/26 02:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*02/21/26 09:37*	*02/23/26 02:25*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*02/21/26 09:37*	*02/23/26 02:25*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68633-1
SDG: Lea County New Mexico

Client Sample ID: CS-30 (5.0')

Lab Sample ID: 880-68633-14
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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			02/23/26 02:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/23/26 14:57	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	<49.8	U	49.8		mg/Kg		02/20/26 15:26	02/23/26 14:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/20/26 15:26	02/23/26 14:57	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/20/26 15:26	02/23/26 14:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*02/20/26 15:26*	*02/23/26 14:57*	*1*
o-Terphenyl (Surr)	*120*		*70 - 130*	*02/20/26 15:26*	*02/23/26 14:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**196**		9.98		mg/Kg			02/22/26 01:26	1

Client Sample ID: CS-31 (5.0')

Lab Sample ID: 880-68633-15
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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		02/21/26 09:37	02/23/26 02:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/21/26 09:37	02/23/26 02:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/21/26 09:37	02/23/26 02:45	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		02/21/26 09:37	02/23/26 02:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/21/26 09:37	02/23/26 02:45	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/21/26 09:37	02/23/26 02:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*02/21/26 09:37*	*02/23/26 02:45*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*02/21/26 09:37*	*02/23/26 02:45*	*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			02/23/26 02:45	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			02/23/26 14:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/20/26 16:05	02/23/26 14:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/20/26 16:05	02/23/26 14:43	1

Client Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68633-1
SDG: Lea County New Mexico

Client Sample ID: CS-31 (5.0')

Lab Sample ID: 880-68633-15
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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		02/20/26 16:05	02/23/26 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*117*		*70 - 130*	*02/20/26 16:05*	*02/23/26 14:43*	*1*
o-Terphenyl (Surr)	*125*		*70 - 130*	*02/20/26 16:05*	*02/23/26 14:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17.1**		10.0		mg/Kg			02/22/26 01:33	1

Client Sample ID: CS-32 (5.0')

Lab Sample ID: 880-68633-16
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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		02/21/26 09:37	02/23/26 03:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/21/26 09:37	02/23/26 03:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/21/26 09:37	02/23/26 03:06	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		02/21/26 09:37	02/23/26 03:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/21/26 09:37	02/23/26 03:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/21/26 09:37	02/23/26 03:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*02/21/26 09:37*	*02/23/26 03:06*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*02/21/26 09:37*	*02/23/26 03:06*	*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			02/23/26 03:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			02/23/26 14:57	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	<50.1	U	50.1		mg/Kg		02/20/26 16:05	02/23/26 14:57	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		02/20/26 16:05	02/23/26 14:57	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/20/26 16:05	02/23/26 14:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*02/20/26 16:05*	*02/23/26 14:57*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*02/20/26 16:05*	*02/23/26 14:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**196**		10.0		mg/Kg			02/22/26 01:40	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68633-1
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)										
880-68629-A-1-C MS	Matrix Spike	110	90										
880-68629-A-1-D MSD	Matrix Spike Duplicate	111	92										
880-68633-1	CS-17 (5.0')	99	97										
880-68633-2	CS-18 (5.0')	107	89										
880-68633-3	CS-19 (5.0')	110	90										
880-68633-4	CS-20 (5.0')	111	91										
880-68633-5	CS-21 (5.0')	111	87										
880-68633-6	CS-22 (5.0')	99	91										
880-68633-7	CS-23 (5.0')	113	85										
880-68633-8	CS-24 (5.0')	112	89										
880-68633-9	CS-25 (5.0')	115	88										
880-68633-10	CS-26 (5.0')	95	92										
880-68633-11	CS-27 (5.0')	109	94										
880-68633-12	CS-28 (5.0')	112	87										
880-68633-13	CS-29 (5.0')	104	94										
880-68633-14	CS-30 (5.0')	98	97										
880-68633-15	CS-31 (5.0')	112	91										
880-68633-16	CS-32 (5.0')	104	95										
LCS 880-132667/1-A	Lab Control Sample	114	89										
LCSD 880-132667/2-A	Lab Control Sample Dup	119	86										
MB 880-132656/5-A	Method Blank	95	94										
MB 880-132667/5-A	Method Blank	96	94										

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)										
880-68633-1	CS-17 (5.0')	118	128										
880-68633-1 MS	CS-17 (5.0')	138 S1+	128										
880-68633-1 MSD	CS-17 (5.0')	137 S1+	129										
880-68633-2	CS-18 (5.0')	120	122										
880-68633-3	CS-19 (5.0')	106	112										
880-68633-4	CS-20 (5.0')	120	122										
880-68633-5	CS-21 (5.0')	114	115										
880-68633-6	CS-22 (5.0')	116	121										
880-68633-7	CS-23 (5.0')	113	117										
880-68633-8	CS-24 (5.0')	134 S1+	135 S1+										
880-68633-9	CS-25 (5.0')	125	126										
880-68633-10	CS-26 (5.0')	127	130										
880-68633-11	CS-27 (5.0')	123	124										
880-68633-12	CS-28 (5.0')	129	129										
880-68633-13	CS-29 (5.0')	123	123										
880-68633-14	CS-30 (5.0')	114	120										
880-68633-15	CS-31 (5.0')	117	125										

Surrogate Summary

Client: Carmona Resources
Job ID: 880-68633-1
Project/Site: Crazy Goat CTB (10.27.2025)
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)								
880-68633-16	CS-32 (5.0')	106	112								
880-68634-A-1-D MS	Matrix Spike	118	115								
880-68634-A-1-E MSD	Matrix Spike Duplicate	121	118								
LCS 880-132595/2-A	Lab Control Sample	125	117								
LCS 880-132596/2-A	Lab Control Sample	120	119								
LCSD 880-132595/3-A	Lab Control Sample Dup	126	120								
LCSD 880-132596/3-A	Lab Control Sample Dup	121	121								
MB 880-132595/1-A	Method Blank	124	141 S1+								
MB 880-132596/1-A	Method Blank	91	104								

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68633-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-132656/5-A
Matrix: Solid
Analysis Batch: 132638

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 132656

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/21/26 08:56	02/22/26 09:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/21/26 08:56	02/22/26 09:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/21/26 08:56	02/22/26 09:29	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		02/21/26 08:56	02/22/26 09:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/21/26 08:56	02/22/26 09:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/21/26 08:56	02/22/26 09:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*02/21/26 08:56*	*02/22/26 09:29*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*02/21/26 08:56*	*02/22/26 09:29*	*1*

Lab Sample ID: MB 880-132667/5-A
Matrix: Solid
Analysis Batch: 132638

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 132667

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/21/26 09:37	02/22/26 20:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/21/26 09:37	02/22/26 20:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/21/26 09:37	02/22/26 20:24	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		02/21/26 09:37	02/22/26 20:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/21/26 09:37	02/22/26 20:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/21/26 09:37	02/22/26 20:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*02/21/26 09:37*	*02/22/26 20:24*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*02/21/26 09:37*	*02/22/26 20:24*	*1*

Lab Sample ID: LCS 880-132667/1-A
Matrix: Solid
Analysis Batch: 132638

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 132667

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07777		mg/Kg		78	70 - 130
Toluene	0.100	0.1032		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.09499		mg/Kg		95	70 - 130
m,p-Xylenes	0.200	0.2027		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1003		mg/Kg		100	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*

Lab Sample ID: LCSD 880-132667/2-A
Matrix: Solid
Analysis Batch: 132638

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 132667

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.07723		mg/Kg		77	70 - 130	1	35

QC Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68633-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-132667/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132638 — **Prep Batch: 132667**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1047		mg/Kg		105	70 - 130	1	35
Ethylbenzene			0.100	0.1002		mg/Kg		100	70 - 130	5	35
m,p-Xylenes			0.200	0.2145		mg/Kg		107	70 - 130	6	35
o-Xylene			0.100	0.1062		mg/Kg		106	70 - 130	6	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*

Lab Sample ID: 880-68629-A-1-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132638 — **Prep Batch: 132667**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.07967		mg/Kg		80	70 - 130
Toluene	<0.00200	U	0.100	0.09891		mg/Kg		99	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09308		mg/Kg		93	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1961		mg/Kg		98	70 - 130
o-Xylene	<0.00200	U	0.100	0.09717		mg/Kg		97	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*

Lab Sample ID: 880-68629-A-1-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132638 — **Prep Batch: 132667**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08538		mg/Kg		85	70 - 130	7	35
Toluene	<0.00200	U	0.100	0.1014		mg/Kg		101	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.09365		mg/Kg		94	70 - 130	1	35
m,p-Xylenes	<0.00399	U	0.200	0.1974		mg/Kg		99	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.09835		mg/Kg		98	70 - 130	1	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

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

Lab Sample ID: MB 880-132595/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132645 — **Prep Batch: 132595**

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		02/20/26 15:26	02/23/26 08:28	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68633-1
SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-132595/1-A
Matrix: Solid
Analysis Batch: 132645

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 132595

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/20/26 15:26	02/23/26 08:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/20/26 15:26	02/23/26 08:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*124*		*70 - 130*	*02/20/26 15:26*	*02/23/26 08:28*	*1*
o-Terphenyl (Surr)	*141*	*S1+*	*70 - 130*	*02/20/26 15:26*	*02/23/26 08:28*	*1*

Lab Sample ID: LCS 880-132595/2-A
Matrix: Solid
Analysis Batch: 132645

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 132595

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1189		mg/Kg		119	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1037		mg/Kg		104	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*125*		*70 - 130*
o-Terphenyl (Surr)	*117*		*70 - 130*

Lab Sample ID: LCSD 880-132595/3-A
Matrix: Solid
Analysis Batch: 132645

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 132595

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1191		mg/Kg		119	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	1055		mg/Kg		106	70 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*126*		*70 - 130*
o-Terphenyl (Surr)	*120*		*70 - 130*

Lab Sample ID: 880-68633-1 MS
Matrix: Solid
Analysis Batch: 132645

Client Sample ID: CS-17 (5.0')
Prep Type: Total/NA
Prep Batch: 132595

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1201		mg/Kg		120	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1051		mg/Kg		105	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*138*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*128*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68633-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68633-1 MSD — **Client Sample ID: CS-17 (5.0')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132645 — **Prep Batch: 132595**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1182		mg/Kg		118	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1069		mg/Kg		107	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*137*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*129*		*70 - 130*

Lab Sample ID: MB 880-132596/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132643 — **Prep Batch: 132596**

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		02/20/26 16:05	02/23/26 08:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/20/26 16:05	02/23/26 08:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/20/26 16:05	02/23/26 08:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*91*		*70 - 130*	*02/20/26 16:05*	*02/23/26 08:28*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*02/20/26 16:05*	*02/23/26 08:28*	*1*

Lab Sample ID: LCS 880-132596/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132643 — **Prep Batch: 132596**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	864.6		mg/Kg		86	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	882.4		mg/Kg		88	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*120*		*70 - 130*
o-Terphenyl (Surr)	*119*		*70 - 130*

Lab Sample ID: LCSD 880-132596/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132643 — **Prep Batch: 132596**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	890.8		mg/Kg		89	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	885.1		mg/Kg		89	70 - 130	0	20

QC Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68633-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-132596/3-A
Matrix: Solid
Analysis Batch: 132643

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 132596

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	121		70 - 130
o-Terphenyl (Surr)	121		70 - 130

Lab Sample ID: 880-68634-A-1-D MS
Matrix: Solid
Analysis Batch: 132643

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 132596

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	939.3		mg/Kg		94	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	723.1		mg/Kg		72	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	118		70 - 130
o-Terphenyl (Surr)	115		70 - 130

Lab Sample ID: 880-68634-A-1-E MSD
Matrix: Solid
Analysis Batch: 132643

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 132596

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	967.9		mg/Kg		97	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	753.9		mg/Kg		75	70 - 130	4	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	121		70 - 130
o-Terphenyl (Surr)	118		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-132604/1-A
Matrix: Solid
Analysis Batch: 132633

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/21/26 22:46	1

Lab Sample ID: LCS 880-132604/2-A
Matrix: Solid
Analysis Batch: 132633

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	250.0		mg/Kg		100	90 - 110

QC Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68633-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-132604/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 132633

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	248.6		mg/Kg		99	90 - 110	1	20

Lab Sample ID: 880-68633-1 MS — **Client Sample ID: CS-17 (5.0')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 132633

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	182		249	431.4		mg/Kg		100	90 - 110		

Lab Sample ID: 880-68633-1 MSD — **Client Sample ID: CS-17 (5.0')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 132633

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	182		249	432.8		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-68633-11 MS — **Client Sample ID: CS-27 (5.0')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 132633

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	501		250	737.0		mg/Kg		95	90 - 110		

Lab Sample ID: 880-68633-11 MSD — **Client Sample ID: CS-27 (5.0')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 132633

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	501		250	735.0		mg/Kg		94	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68633-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 132638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68633-1	CS-17 (5.0')	Total/NA	Solid	8021B	132667
880-68633-2	CS-18 (5.0')	Total/NA	Solid	8021B	132667
880-68633-3	CS-19 (5.0')	Total/NA	Solid	8021B	132667
880-68633-4	CS-20 (5.0')	Total/NA	Solid	8021B	132667
880-68633-5	CS-21 (5.0')	Total/NA	Solid	8021B	132667
880-68633-6	CS-22 (5.0')	Total/NA	Solid	8021B	132667
880-68633-7	CS-23 (5.0')	Total/NA	Solid	8021B	132667
880-68633-8	CS-24 (5.0')	Total/NA	Solid	8021B	132667
880-68633-9	CS-25 (5.0')	Total/NA	Solid	8021B	132667
880-68633-10	CS-26 (5.0')	Total/NA	Solid	8021B	132667
880-68633-11	CS-27 (5.0')	Total/NA	Solid	8021B	132667
880-68633-12	CS-28 (5.0')	Total/NA	Solid	8021B	132667
880-68633-13	CS-29 (5.0')	Total/NA	Solid	8021B	132667
880-68633-14	CS-30 (5.0')	Total/NA	Solid	8021B	132667
880-68633-15	CS-31 (5.0')	Total/NA	Solid	8021B	132667
880-68633-16	CS-32 (5.0')	Total/NA	Solid	8021B	132667
MB 880-132656/5-A	Method Blank	Total/NA	Solid	8021B	132656
MB 880-132667/5-A	Method Blank	Total/NA	Solid	8021B	132667
LCS 880-132667/1-A	Lab Control Sample	Total/NA	Solid	8021B	132667
LCSD 880-132667/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132667
880-68629-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	132667
880-68629-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	132667

Prep Batch: 132656

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-132656/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 132667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68633-1	CS-17 (5.0')	Total/NA	Solid	5035	
880-68633-2	CS-18 (5.0')	Total/NA	Solid	5035	
880-68633-3	CS-19 (5.0')	Total/NA	Solid	5035	
880-68633-4	CS-20 (5.0')	Total/NA	Solid	5035	
880-68633-5	CS-21 (5.0')	Total/NA	Solid	5035	
880-68633-6	CS-22 (5.0')	Total/NA	Solid	5035	
880-68633-7	CS-23 (5.0')	Total/NA	Solid	5035	
880-68633-8	CS-24 (5.0')	Total/NA	Solid	5035	
880-68633-9	CS-25 (5.0')	Total/NA	Solid	5035	
880-68633-10	CS-26 (5.0')	Total/NA	Solid	5035	
880-68633-11	CS-27 (5.0')	Total/NA	Solid	5035	
880-68633-12	CS-28 (5.0')	Total/NA	Solid	5035	
880-68633-13	CS-29 (5.0')	Total/NA	Solid	5035	
880-68633-14	CS-30 (5.0')	Total/NA	Solid	5035	
880-68633-15	CS-31 (5.0')	Total/NA	Solid	5035	
880-68633-16	CS-32 (5.0')	Total/NA	Solid	5035	
MB 880-132667/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132667/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-132667/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68629-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-68629-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68633-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 132760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68633-1	CS-17 (5.0')	Total/NA	Solid	Total BTEX	
880-68633-2	CS-18 (5.0')	Total/NA	Solid	Total BTEX	
880-68633-3	CS-19 (5.0')	Total/NA	Solid	Total BTEX	
880-68633-4	CS-20 (5.0')	Total/NA	Solid	Total BTEX	
880-68633-5	CS-21 (5.0')	Total/NA	Solid	Total BTEX	
880-68633-6	CS-22 (5.0')	Total/NA	Solid	Total BTEX	
880-68633-7	CS-23 (5.0')	Total/NA	Solid	Total BTEX	
880-68633-8	CS-24 (5.0')	Total/NA	Solid	Total BTEX	
880-68633-9	CS-25 (5.0')	Total/NA	Solid	Total BTEX	
880-68633-10	CS-26 (5.0')	Total/NA	Solid	Total BTEX	
880-68633-11	CS-27 (5.0')	Total/NA	Solid	Total BTEX	
880-68633-12	CS-28 (5.0')	Total/NA	Solid	Total BTEX	
880-68633-13	CS-29 (5.0')	Total/NA	Solid	Total BTEX	
880-68633-14	CS-30 (5.0')	Total/NA	Solid	Total BTEX	
880-68633-15	CS-31 (5.0')	Total/NA	Solid	Total BTEX	
880-68633-16	CS-32 (5.0')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 132595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68633-1	CS-17 (5.0')	Total/NA	Solid	8015NM Prep	
880-68633-2	CS-18 (5.0')	Total/NA	Solid	8015NM Prep	
880-68633-3	CS-19 (5.0')	Total/NA	Solid	8015NM Prep	
880-68633-4	CS-20 (5.0')	Total/NA	Solid	8015NM Prep	
880-68633-5	CS-21 (5.0')	Total/NA	Solid	8015NM Prep	
880-68633-6	CS-22 (5.0')	Total/NA	Solid	8015NM Prep	
880-68633-7	CS-23 (5.0')	Total/NA	Solid	8015NM Prep	
880-68633-8	CS-24 (5.0')	Total/NA	Solid	8015NM Prep	
880-68633-9	CS-25 (5.0')	Total/NA	Solid	8015NM Prep	
880-68633-10	CS-26 (5.0')	Total/NA	Solid	8015NM Prep	
880-68633-11	CS-27 (5.0')	Total/NA	Solid	8015NM Prep	
880-68633-12	CS-28 (5.0')	Total/NA	Solid	8015NM Prep	
880-68633-13	CS-29 (5.0')	Total/NA	Solid	8015NM Prep	
880-68633-14	CS-30 (5.0')	Total/NA	Solid	8015NM Prep	
MB 880-132595/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-132595/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-132595/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68633-1 MS	CS-17 (5.0')	Total/NA	Solid	8015NM Prep	
880-68633-1 MSD	CS-17 (5.0')	Total/NA	Solid	8015NM Prep	

Prep Batch: 132596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68633-15	CS-31 (5.0')	Total/NA	Solid	8015NM Prep	
880-68633-16	CS-32 (5.0')	Total/NA	Solid	8015NM Prep	
MB 880-132596/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-132596/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-132596/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68634-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-68634-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68633-1
SDG: Lea County New Mexico

GC Semi VOA

Analysis Batch: 132643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68633-15	CS-31 (5.0')	Total/NA	Solid	8015B NM	132596
880-68633-16	CS-32 (5.0')	Total/NA	Solid	8015B NM	132596
MB 880-132596/1-A	Method Blank	Total/NA	Solid	8015B NM	132596
LCS 880-132596/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	132596
LCSD 880-132596/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	132596
880-68634-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	132596
880-68634-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	132596

Analysis Batch: 132645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68633-1	CS-17 (5.0')	Total/NA	Solid	8015B NM	132595
880-68633-2	CS-18 (5.0')	Total/NA	Solid	8015B NM	132595
880-68633-3	CS-19 (5.0')	Total/NA	Solid	8015B NM	132595
880-68633-4	CS-20 (5.0')	Total/NA	Solid	8015B NM	132595
880-68633-5	CS-21 (5.0')	Total/NA	Solid	8015B NM	132595
880-68633-6	CS-22 (5.0')	Total/NA	Solid	8015B NM	132595
880-68633-7	CS-23 (5.0')	Total/NA	Solid	8015B NM	132595
880-68633-8	CS-24 (5.0')	Total/NA	Solid	8015B NM	132595
880-68633-9	CS-25 (5.0')	Total/NA	Solid	8015B NM	132595
880-68633-10	CS-26 (5.0')	Total/NA	Solid	8015B NM	132595
880-68633-11	CS-27 (5.0')	Total/NA	Solid	8015B NM	132595
880-68633-12	CS-28 (5.0')	Total/NA	Solid	8015B NM	132595
880-68633-13	CS-29 (5.0')	Total/NA	Solid	8015B NM	132595
880-68633-14	CS-30 (5.0')	Total/NA	Solid	8015B NM	132595
MB 880-132595/1-A	Method Blank	Total/NA	Solid	8015B NM	132595
LCS 880-132595/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	132595
LCSD 880-132595/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	132595
880-68633-1 MS	CS-17 (5.0')	Total/NA	Solid	8015B NM	132595
880-68633-1 MSD	CS-17 (5.0')	Total/NA	Solid	8015B NM	132595

Analysis Batch: 132762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68633-1	CS-17 (5.0')	Total/NA	Solid	8015 NM	
880-68633-2	CS-18 (5.0')	Total/NA	Solid	8015 NM	
880-68633-3	CS-19 (5.0')	Total/NA	Solid	8015 NM	
880-68633-4	CS-20 (5.0')	Total/NA	Solid	8015 NM	
880-68633-5	CS-21 (5.0')	Total/NA	Solid	8015 NM	
880-68633-6	CS-22 (5.0')	Total/NA	Solid	8015 NM	
880-68633-7	CS-23 (5.0')	Total/NA	Solid	8015 NM	
880-68633-8	CS-24 (5.0')	Total/NA	Solid	8015 NM	
880-68633-9	CS-25 (5.0')	Total/NA	Solid	8015 NM	
880-68633-10	CS-26 (5.0')	Total/NA	Solid	8015 NM	
880-68633-11	CS-27 (5.0')	Total/NA	Solid	8015 NM	
880-68633-12	CS-28 (5.0')	Total/NA	Solid	8015 NM	
880-68633-13	CS-29 (5.0')	Total/NA	Solid	8015 NM	
880-68633-14	CS-30 (5.0')	Total/NA	Solid	8015 NM	
880-68633-15	CS-31 (5.0')	Total/NA	Solid	8015 NM	
880-68633-16	CS-32 (5.0')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68633-1
SDG: Lea County New Mexico

HPLC/IC

Leach Batch: 132604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68633-1	CS-17 (5.0')	Soluble	Solid	DI Leach	
880-68633-2	CS-18 (5.0')	Soluble	Solid	DI Leach	
880-68633-3	CS-19 (5.0')	Soluble	Solid	DI Leach	
880-68633-4	CS-20 (5.0')	Soluble	Solid	DI Leach	
880-68633-5	CS-21 (5.0')	Soluble	Solid	DI Leach	
880-68633-6	CS-22 (5.0')	Soluble	Solid	DI Leach	
880-68633-7	CS-23 (5.0')	Soluble	Solid	DI Leach	
880-68633-8	CS-24 (5.0')	Soluble	Solid	DI Leach	
880-68633-9	CS-25 (5.0')	Soluble	Solid	DI Leach	
880-68633-10	CS-26 (5.0')	Soluble	Solid	DI Leach	
880-68633-11	CS-27 (5.0')	Soluble	Solid	DI Leach	
880-68633-12	CS-28 (5.0')	Soluble	Solid	DI Leach	
880-68633-13	CS-29 (5.0')	Soluble	Solid	DI Leach	
880-68633-14	CS-30 (5.0')	Soluble	Solid	DI Leach	
880-68633-15	CS-31 (5.0')	Soluble	Solid	DI Leach	
880-68633-16	CS-32 (5.0')	Soluble	Solid	DI Leach	
MB 880-132604/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-132604/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-132604/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68633-1 MS	CS-17 (5.0')	Soluble	Solid	DI Leach	
880-68633-1 MSD	CS-17 (5.0')	Soluble	Solid	DI Leach	
880-68633-11 MS	CS-27 (5.0')	Soluble	Solid	DI Leach	
880-68633-11 MSD	CS-27 (5.0')	Soluble	Solid	DI Leach	

Analysis Batch: 132633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68633-1	CS-17 (5.0')	Soluble	Solid	300.0	132604
880-68633-2	CS-18 (5.0')	Soluble	Solid	300.0	132604
880-68633-3	CS-19 (5.0')	Soluble	Solid	300.0	132604
880-68633-4	CS-20 (5.0')	Soluble	Solid	300.0	132604
880-68633-5	CS-21 (5.0')	Soluble	Solid	300.0	132604
880-68633-6	CS-22 (5.0')	Soluble	Solid	300.0	132604
880-68633-7	CS-23 (5.0')	Soluble	Solid	300.0	132604
880-68633-8	CS-24 (5.0')	Soluble	Solid	300.0	132604
880-68633-9	CS-25 (5.0')	Soluble	Solid	300.0	132604
880-68633-10	CS-26 (5.0')	Soluble	Solid	300.0	132604
880-68633-11	CS-27 (5.0')	Soluble	Solid	300.0	132604
880-68633-12	CS-28 (5.0')	Soluble	Solid	300.0	132604
880-68633-13	CS-29 (5.0')	Soluble	Solid	300.0	132604
880-68633-14	CS-30 (5.0')	Soluble	Solid	300.0	132604
880-68633-15	CS-31 (5.0')	Soluble	Solid	300.0	132604
880-68633-16	CS-32 (5.0')	Soluble	Solid	300.0	132604
MB 880-132604/1-A	Method Blank	Soluble	Solid	300.0	132604
LCS 880-132604/2-A	Lab Control Sample	Soluble	Solid	300.0	132604
LCSD 880-132604/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	132604
880-68633-1 MS	CS-17 (5.0')	Soluble	Solid	300.0	132604
880-68633-1 MSD	CS-17 (5.0')	Soluble	Solid	300.0	132604
880-68633-11 MS	CS-27 (5.0')	Soluble	Solid	300.0	132604
880-68633-11 MSD	CS-27 (5.0')	Soluble	Solid	300.0	132604

Lab Chronicle

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68633-1
SDG: Lea County New Mexico

Client Sample ID: CS-17 (5.0')

Lab Sample ID: 880-68633-1
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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	132667	02/21/26 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132638	02/22/26 21:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132760	02/22/26 21:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			132762	02/23/26 11:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132595	02/20/26 15:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132645	02/23/26 11:13	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	132604	02/20/26 16:31	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	132633	02/21/26 23:06	CS	EET MID

Client Sample ID: CS-18 (5.0')

Lab Sample ID: 880-68633-2
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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	132667	02/21/26 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132638	02/22/26 21:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132760	02/22/26 21:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			132762	02/23/26 11:55	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132595	02/20/26 15:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132645	02/23/26 11:55	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	132604	02/20/26 16:31	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	132633	02/21/26 23:26	CS	EET MID

Client Sample ID: CS-19 (5.0')

Lab Sample ID: 880-68633-3
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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	132667	02/21/26 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132638	02/22/26 21:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132760	02/22/26 21:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			132762	02/23/26 12:09	SA	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10.00 mL	132595	02/20/26 15:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132645	02/23/26 12:09	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	132604	02/20/26 16:31	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	132633	02/21/26 23:32	CS	EET MID

Client Sample ID: CS-20 (5.0')

Lab Sample ID: 880-68633-4
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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	132667	02/21/26 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132638	02/22/26 22:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132760	02/22/26 22:08	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68633-1
SDG: Lea County New Mexico

Client Sample ID: CS-20 (5.0')

Lab Sample ID: 880-68633-4
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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			132762	02/23/26 12:23	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	132595	02/20/26 15:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132645	02/23/26 12:23	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	132604	02/20/26 16:31	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	132633	02/21/26 23:39	CS	EET MID

Client Sample ID: CS-21 (5.0')

Lab Sample ID: 880-68633-5
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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	132667	02/21/26 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132638	02/22/26 22:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132760	02/22/26 22:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			132762	02/23/26 12:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	132595	02/20/26 15:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132645	02/23/26 12:37	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	132604	02/20/26 16:31	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	132633	02/21/26 23:46	CS	EET MID

Client Sample ID: CS-22 (5.0')

Lab Sample ID: 880-68633-6
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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	132667	02/21/26 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132638	02/22/26 22:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132760	02/22/26 22:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			132762	02/23/26 12:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132595	02/20/26 15:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132645	02/23/26 12:51	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	132604	02/20/26 16:31	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	132633	02/22/26 00:06	CS	EET MID

Client Sample ID: CS-23 (5.0')

Lab Sample ID: 880-68633-7
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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	132667	02/21/26 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132638	02/22/26 23:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132760	02/22/26 23:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			132762	02/23/26 13:05	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	132595	02/20/26 15:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132645	02/23/26 13:05	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68633-1
SDG: Lea County New Mexico

Client Sample ID: CS-23 (5.0')

Lab Sample ID: 880-68633-7
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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	132604	02/20/26 16:31	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	132633	02/22/26 00:13	CS	EET MID

Client Sample ID: CS-24 (5.0')

Lab Sample ID: 880-68633-8
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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	132667	02/21/26 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132638	02/22/26 23:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132760	02/22/26 23:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			132762	02/23/26 13:19	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	132595	02/20/26 15:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132645	02/23/26 13:19	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	132604	02/20/26 16:31	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	132633	02/22/26 00:19	CS	EET MID

Client Sample ID: CS-25 (5.0')

Lab Sample ID: 880-68633-9
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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	132667	02/21/26 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132638	02/22/26 23:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132760	02/22/26 23:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			132762	02/23/26 13:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	132595	02/20/26 15:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132645	02/23/26 13:32	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	132604	02/20/26 16:31	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	132633	02/22/26 00:26	CS	EET MID

Client Sample ID: CS-26 (5.0')

Lab Sample ID: 880-68633-10
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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	132667	02/21/26 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132638	02/23/26 00:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132760	02/23/26 00:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			132762	02/23/26 13:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132595	02/20/26 15:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132645	02/23/26 13:47	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	132604	02/20/26 16:31	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	132633	02/22/26 00:33	CS	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68633-1
SDG: Lea County New Mexico

Client Sample ID: CS-27 (5.0')

Lab Sample ID: 880-68633-11
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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	132667	02/21/26 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132638	02/23/26 01:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132760	02/23/26 01:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			132762	02/23/26 14:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	132595	02/20/26 15:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132645	02/23/26 14:15	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	132604	02/20/26 16:31	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	132633	02/22/26 00:39	CS	EET MID

Client Sample ID: CS-28 (5.0')

Lab Sample ID: 880-68633-12
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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	132667	02/21/26 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132638	02/23/26 01:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132760	02/23/26 01:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			132762	02/23/26 14:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	132595	02/20/26 15:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132645	02/23/26 14:29	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	132604	02/20/26 16:31	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	132633	02/22/26 00:59	CS	EET MID

Client Sample ID: CS-29 (5.0')

Lab Sample ID: 880-68633-13
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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	132667	02/21/26 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132638	02/23/26 02:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132760	02/23/26 02:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			132762	02/23/26 14:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132595	02/20/26 15:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132645	02/23/26 14:43	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	132604	02/20/26 16:31	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	132633	02/22/26 01:06	CS	EET MID

Client Sample ID: CS-30 (5.0')

Lab Sample ID: 880-68633-14
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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	132667	02/21/26 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132638	02/23/26 02:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132760	02/23/26 02:25	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68633-1
SDG: Lea County New Mexico

Client Sample ID: CS-30 (5.0')

Lab Sample ID: 880-68633-14
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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			132762	02/23/26 14:57	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	132595	02/20/26 15:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132645	02/23/26 14:57	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	132604	02/20/26 16:31	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	132633	02/22/26 01:26	CS	EET MID

Client Sample ID: CS-31 (5.0')

Lab Sample ID: 880-68633-15
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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	132667	02/21/26 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132638	02/23/26 02:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132760	02/23/26 02:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			132762	02/23/26 14:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132596	02/20/26 16:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132643	02/23/26 14:43	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	132604	02/20/26 16:31	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	132633	02/22/26 01:33	CS	EET MID

Client Sample ID: CS-32 (5.0')

Lab Sample ID: 880-68633-16
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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	132667	02/21/26 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132638	02/23/26 03:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132760	02/23/26 03:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			132762	02/23/26 14:57	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	132596	02/20/26 16:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132643	02/23/26 14:57	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	132604	02/20/26 16:31	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	132633	02/22/26 01:40	CS	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
Job ID: 880-68633-1
Project/Site: Crazy Goat CTB (10.27.2025)
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	06-30-26

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: Crazy Goat CTB (10.27.2025)

Job ID: 880-68633-1
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: Crazy Goat CTB (10.27.2025)

Job ID: 880-68633-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-68633-1	CS-17 (5.0')	Solid	02/20/26 00:00	02/20/26 15:42	New Mexico
880-68633-2	CS-18 (5.0')	Solid	02/20/26 00:00	02/20/26 15:42	New Mexico
880-68633-3	CS-19 (5.0')	Solid	02/20/26 00:00	02/20/26 15:42	New Mexico
880-68633-4	CS-20 (5.0')	Solid	02/20/26 00:00	02/20/26 15:42	New Mexico
880-68633-5	CS-21 (5.0')	Solid	02/20/26 00:00	02/20/26 15:42	New Mexico
880-68633-6	CS-22 (5.0')	Solid	02/20/26 00:00	02/20/26 15:42	New Mexico
880-68633-7	CS-23 (5.0')	Solid	02/20/26 00:00	02/20/26 15:42	New Mexico
880-68633-8	CS-24 (5.0')	Solid	02/20/26 00:00	02/20/26 15:42	New Mexico
880-68633-9	CS-25 (5.0')	Solid	02/20/26 00:00	02/20/26 15:42	New Mexico
880-68633-10	CS-26 (5.0')	Solid	02/20/26 00:00	02/20/26 15:42	New Mexico
880-68633-11	CS-27 (5.0')	Solid	02/20/26 00:00	02/20/26 15:42	New Mexico
880-68633-12	CS-28 (5.0')	Solid	02/20/26 00:00	02/20/26 15:42	New Mexico
880-68633-13	CS-29 (5.0')	Solid	02/20/26 00:00	02/20/26 15:42	New Mexico
880-68633-14	CS-30 (5.0')	Solid	02/20/26 00:00	02/20/26 15:42	New Mexico
880-68633-15	CS-31 (5.0')	Solid	02/20/26 00:00	02/20/26 15:42	New Mexico
880-68633-16	CS-32 (5.0')	Solid	02/20/26 00:00	02/20/26 15:42	New Mexico

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Chain of Custody

880-68633 Chain of Custody

2/23/2026

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Crazy Goat CTB (10.27.2025)	Turn Around	
Project Number:	3054	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	24 hr
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Received Intact:	(Yes) No	Thermometer ID:		
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:		
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	7.2	
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	Sample Comments
CS-17 (5.0')	2/20/2026		X		Comp	1		X	X	X		
CS-18 (5.0')	2/20/2026		X		Comp	1		X	X	X		
CS-19 (5.0')	2/20/2026		X		Comp	1		X	X	X		
CS-20 (5.0')	2/20/2026		X		Comp	1		X	X	X		
CS-21 (5.0')	2/20/2026		X		Comp	1		X	X	X		
CS-22 (5.0')	2/20/2026		X		Comp	1		X	X	X		
CS-23 (5.0')	2/20/2026		X		Comp	1		X	X	X		
CS-24 (5.0')	2/20/2026		X		Comp	1		X	X	X		
CS-25 (5.0')	2/20/2026		X		Comp	1		X	X	X		
CS-26 (5.0')	2/20/2026		X		Comp	1		X	X	X		

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2/20/26 3:42		2.20.26 1542

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Received by OCD: 3/16/2026 12:13:19 PM

Released to Imaging: 4/16/2026 3:42:59 PM

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Chain of Custody

Work Order No: _____

2/23/2026

Page 2 of 2

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Crazy Goat CTB (10.27.2025)	Turn Around	☐ Routine ☑ Rush
Project Number:	3054		
Project Location	Lea County, New Mexico	Due Date:	24 hr
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
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:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	Sample Comments
CS-27 (5.0')	2/20/2026		X		Comp	1		X	X	X		
CS-28 (5.0')	2/20/2026		X		Comp	1		X	X	X		
CS-29 (5.0')	2/20/2026		X		Comp	1		X	X	X		
CS-30 (5.0')	2/20/2026		X		Comp	1		X	X	X		
CS-31 (5.0')	2/20/2026		X		Comp	1		X	X	X		
CS-32 (5.0')	2/20/2026		X		Comp	1		X	X	X		

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2/20/26 3:42	Erica Dyal	2.20.26 1542

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Received by OCD: 3/16/2026 12:13:19 PM

Released to Imaging: 4/16/2026 3:42:59 PM

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-68633-1
SDG Number: Lea County New Mexico

Login Number: 68633
List Number: 1
Creator: Dyal, Erica

List Source: Eurofins Midland

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/23/2026 4:58:09 PM

JOB DESCRIPTION

Crazy Goat CTB (10.27.2025)
Lea County New Mexico

JOB NUMBER

880-68634-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 4/16/2026 3:42:59 PM

my EOL

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
2/23/2026 4:58:09 PM

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

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Laboratory Job ID: 880-68634-1
SDG: Lea County New Mexico

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Released to Imaging: 4/16/2026 3:42:59 PM

Definitions/Glossary

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68634-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Crazy Goat CTB (10.27.2025)

Job ID: 880-68634-1

Job ID: 880-68634-1 Eurofins Midland

Job Narrative
880-68634-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 2/20/2026 3:42 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 7.1°C.

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

Diesel Range Organics
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.

Client Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68634-1
SDG: Lea County New Mexico

Client Sample ID: SW-11 (5.0')

Lab Sample ID: 880-68634-1
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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		02/21/26 09:37	02/23/26 03:26	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/21/26 09:37	02/23/26 03:26	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/21/26 09:37	02/23/26 03:26	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		02/21/26 09:37	02/23/26 03:26	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/21/26 09:37	02/23/26 03:26	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/21/26 09:37	02/23/26 03:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*02/21/26 09:37*	*02/23/26 03:26*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*02/21/26 09:37*	*02/23/26 03:26*	*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			02/23/26 03:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/23/26 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/20/26 16:05	02/23/26 11:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/20/26 16:05	02/23/26 11:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/20/26 16:05	02/23/26 11:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*02/20/26 16:05*	*02/23/26 11:13*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*02/20/26 16:05*	*02/23/26 11:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**179**		9.94		mg/Kg			02/22/26 01:46	1

Client Sample ID: SW-14 (5.0')

Lab Sample ID: 880-68634-2
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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		02/21/26 09:37	02/23/26 03:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/21/26 09:37	02/23/26 03:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/21/26 09:37	02/23/26 03:46	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		02/21/26 09:37	02/23/26 03:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/21/26 09:37	02/23/26 03:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/21/26 09:37	02/23/26 03:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*02/21/26 09:37*	*02/23/26 03:46*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*02/21/26 09:37*	*02/23/26 03:46*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68634-1
SDG: Lea County New Mexico

Client Sample ID: SW-14 (5.0')

Lab Sample ID: 880-68634-2
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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			02/23/26 03:46	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			02/23/26 11:55	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	<50.5	U	50.5		mg/Kg		02/20/26 16:05	02/23/26 11:55	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		02/20/26 16:05	02/23/26 11:55	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		02/20/26 16:05	02/23/26 11:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*02/20/26 16:05*	*02/23/26 11:55*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*02/20/26 16:05*	*02/23/26 11:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.5**		9.96		mg/Kg			02/22/26 01:53	1

Client Sample ID: SW-21 (5.0')

Lab Sample ID: 880-68634-3
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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		02/21/26 09:37	02/23/26 04:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/21/26 09:37	02/23/26 04:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/21/26 09:37	02/23/26 04:07	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		02/21/26 09:37	02/23/26 04:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/21/26 09:37	02/23/26 04:07	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/21/26 09:37	02/23/26 04:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*02/21/26 09:37*	*02/23/26 04:07*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*02/21/26 09:37*	*02/23/26 04:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/23/26 04:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			02/23/26 12:09	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	<50.4	U	50.4		mg/Kg		02/20/26 16:05	02/23/26 12:09	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		02/20/26 16:05	02/23/26 12:09	1

Client Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68634-1
SDG: Lea County New Mexico

Client Sample ID: SW-21 (5.0')

Lab Sample ID: 880-68634-3
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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		02/20/26 16:05	02/23/26 12:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*02/20/26 16:05*	*02/23/26 12:09*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*02/20/26 16:05*	*02/23/26 12:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**178**		10.1		mg/Kg			02/22/26 02:00	1

Client Sample ID: SW-22 (5.0')

Lab Sample ID: 880-68634-4
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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		02/21/26 08:56	02/22/26 09:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/21/26 08:56	02/22/26 09:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/21/26 08:56	02/22/26 09:51	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		02/21/26 08:56	02/22/26 09:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/21/26 08:56	02/22/26 09:51	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/21/26 08:56	02/22/26 09:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*02/21/26 08:56*	*02/22/26 09:51*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*02/21/26 08:56*	*02/22/26 09:51*	*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			02/22/26 09:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/23/26 12:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/20/26 16:05	02/23/26 12:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/20/26 16:05	02/23/26 12:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/20/26 16:05	02/23/26 12:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*02/20/26 16:05*	*02/23/26 12:23*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*02/20/26 16:05*	*02/23/26 12:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.8**		10.0		mg/Kg			02/22/26 02:06	1

Client Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68634-1
SDG: Lea County New Mexico

Client Sample ID: SW-24 (5.0')

Lab Sample ID: 880-68634-5
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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		02/21/26 08:56	02/22/26 10:11	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/21/26 08:56	02/22/26 10:11	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/21/26 08:56	02/22/26 10:11	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		02/21/26 08:56	02/22/26 10:11	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/21/26 08:56	02/22/26 10:11	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/21/26 08:56	02/22/26 10:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*02/21/26 08:56*	*02/22/26 10:11*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*02/21/26 08:56*	*02/22/26 10:11*	*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			02/22/26 10:11	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			02/23/26 12:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/20/26 16:05	02/23/26 12:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/20/26 16:05	02/23/26 12:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/20/26 16:05	02/23/26 12:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*02/20/26 16:05*	*02/23/26 12:37*	*1*
o-Terphenyl (Surr)	*116*		*70 - 130*	*02/20/26 16:05*	*02/23/26 12:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15.2**		10.0		mg/Kg			02/22/26 03:00	1

Client Sample ID: SW-25 (5.0')

Lab Sample ID: 880-68634-6
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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		02/21/26 08:56	02/22/26 10:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/21/26 08:56	02/22/26 10:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/21/26 08:56	02/22/26 10:32	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		02/21/26 08:56	02/22/26 10:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/21/26 08:56	02/22/26 10:32	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/21/26 08:56	02/22/26 10:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*02/21/26 08:56*	*02/22/26 10:32*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*02/21/26 08:56*	*02/22/26 10:32*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68634-1
SDG: Lea County New Mexico

Client Sample ID: SW-25 (5.0')

Lab Sample ID: 880-68634-6
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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			02/22/26 10:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/23/26 12:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/20/26 16:05	02/23/26 12:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/20/26 16:05	02/23/26 12:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/20/26 16:05	02/23/26 12:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*02/20/26 16:05*	*02/23/26 12:51*	*1*
o-Terphenyl (Surr)	*121*		*70 - 130*	*02/20/26 16:05*	*02/23/26 12:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**178**		10.1		mg/Kg			02/22/26 03:20	1

Client Sample ID: SW-26 (5.0')

Lab Sample ID: 880-68634-7
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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		02/21/26 08:56	02/22/26 10:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/21/26 08:56	02/22/26 10:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/21/26 08:56	02/22/26 10:52	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		02/21/26 08:56	02/22/26 10:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/21/26 08:56	02/22/26 10:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/21/26 08:56	02/22/26 10:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*02/21/26 08:56*	*02/22/26 10:52*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*02/21/26 08:56*	*02/22/26 10:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/22/26 10:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/23/26 13:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/20/26 16:05	02/23/26 13:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/20/26 16:05	02/23/26 13:05	1

Client Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68634-1
SDG: Lea County New Mexico

Client Sample ID: SW-26 (5.0')

Lab Sample ID: 880-68634-7
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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		02/20/26 16:05	02/23/26 13:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*115*		*70 - 130*	*02/20/26 16:05*	*02/23/26 13:05*	*1*
o-Terphenyl (Surr)	*123*		*70 - 130*	*02/20/26 16:05*	*02/23/26 13:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15.7**		10.1		mg/Kg			02/22/26 03:26	1

Client Sample ID: SW-27 (5.0')

Lab Sample ID: 880-68634-8
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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		02/21/26 08:56	02/22/26 11:13	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/21/26 08:56	02/22/26 11:13	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/21/26 08:56	02/22/26 11:13	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		02/21/26 08:56	02/22/26 11:13	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/21/26 08:56	02/22/26 11:13	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/21/26 08:56	02/22/26 11:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*02/21/26 08:56*	*02/22/26 11:13*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*02/21/26 08:56*	*02/22/26 11:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/22/26 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/23/26 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		02/20/26 16:05	02/23/26 13:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/20/26 16:05	02/23/26 13:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/20/26 16:05	02/23/26 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*02/20/26 16:05*	*02/23/26 13:19*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*02/20/26 16:05*	*02/23/26 13:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**161**		10.1		mg/Kg			02/22/26 03:33	1

Client Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68634-1
SDG: Lea County New Mexico

Client Sample ID: SW-28 (5.0')

Lab Sample ID: 880-68634-9
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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		02/21/26 08:56	02/22/26 11:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/21/26 08:56	02/22/26 11:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/21/26 08:56	02/22/26 11:33	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		02/21/26 08:56	02/22/26 11:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/21/26 08:56	02/22/26 11:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/21/26 08:56	02/22/26 11:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*02/21/26 08:56*	*02/22/26 11:33*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*02/21/26 08:56*	*02/22/26 11:33*	*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			02/22/26 11:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/23/26 13:32	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		02/20/26 16:05	02/23/26 13:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/20/26 16:05	02/23/26 13:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/20/26 16:05	02/23/26 13:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*02/20/26 16:05*	*02/23/26 13:32*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*02/20/26 16:05*	*02/23/26 13:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**81.3**		10.0		mg/Kg			02/22/26 03:40	1

Client Sample ID: SW-29 (5.0')

Lab Sample ID: 880-68634-10
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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		02/21/26 08:56	02/22/26 11:54	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/21/26 08:56	02/22/26 11:54	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/21/26 08:56	02/22/26 11:54	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		02/21/26 08:56	02/22/26 11:54	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/21/26 08:56	02/22/26 11:54	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/21/26 08:56	02/22/26 11:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*02/21/26 08:56*	*02/22/26 11:54*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*02/21/26 08:56*	*02/22/26 11:54*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68634-1
SDG: Lea County New Mexico

Client Sample ID: SW-29 (5.0')

Lab Sample ID: 880-68634-10
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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			02/22/26 11:54	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			02/23/26 13:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/20/26 16:05	02/23/26 13:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/20/26 16:05	02/23/26 13:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/20/26 16:05	02/23/26 13:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*02/20/26 16:05*	*02/23/26 13:47*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*02/20/26 16:05*	*02/23/26 13:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18.4**		10.0		mg/Kg			02/22/26 04:00	1

Client Sample ID: SW-30 (5.0')

Lab Sample ID: 880-68634-11
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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		02/21/26 08:56	02/22/26 12:14	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/21/26 08:56	02/22/26 12:14	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/21/26 08:56	02/22/26 12:14	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		02/21/26 08:56	02/22/26 12:14	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/21/26 08:56	02/22/26 12:14	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/21/26 08:56	02/22/26 12:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*02/21/26 08:56*	*02/22/26 12:14*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*02/21/26 08:56*	*02/22/26 12:14*	*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			02/22/26 12:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/23/26 14:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/20/26 16:05	02/23/26 14:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/20/26 16:05	02/23/26 14:15	1

Client Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68634-1
SDG: Lea County New Mexico

Client Sample ID: SW-30 (5.0')

Lab Sample ID: 880-68634-11
Date Collected: 02/20/26 00:00
Matrix: Solid
Date Received: 02/20/26 15:42

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		02/20/26 16:05	02/23/26 14:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*02/20/26 16:05*	*02/23/26 14:15*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*02/20/26 16:05*	*02/23/26 14:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17.2**		9.98		mg/Kg			02/22/26 04:07	1

Client Sample ID: SW-31 (5.0')

Lab Sample ID: 880-68634-12
Date Collected: 02/20/26 00:00
Matrix: Solid
Date Received: 02/20/26 15:42

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		02/21/26 08:56	02/22/26 12:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/21/26 08:56	02/22/26 12:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/21/26 08:56	02/22/26 12:35	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		02/21/26 08:56	02/22/26 12:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/21/26 08:56	02/22/26 12:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/21/26 08:56	02/22/26 12:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*02/21/26 08:56*	*02/22/26 12:35*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*02/21/26 08:56*	*02/22/26 12:35*	*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			02/22/26 12:35	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			02/23/26 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	<49.8	U	49.8		mg/Kg		02/20/26 16:05	02/23/26 14:29	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/20/26 16:05	02/23/26 14:29	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/20/26 16:05	02/23/26 14:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*02/20/26 16:05*	*02/23/26 14:29*	*1*
o-Terphenyl (Surr)	*120*		*70 - 130*	*02/20/26 16:05*	*02/23/26 14:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**182**		9.94		mg/Kg			02/22/26 04:13	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68634-1
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)
880-68634-1	SW-11 (5.0')	105	93
880-68634-2	SW-14 (5.0')	112	88
880-68634-3	SW-21 (5.0')	111	91
880-68634-4	SW-22 (5.0')	116	90
880-68634-4 MS	SW-22 (5.0')	109	95
880-68634-4 MSD	SW-22 (5.0')	110	96
880-68634-5	SW-24 (5.0')	112	95
880-68634-6	SW-25 (5.0')	112	88
880-68634-7	SW-26 (5.0')	113	90
880-68634-8	SW-27 (5.0')	119	88
880-68634-9	SW-28 (5.0')	91	98
880-68634-10	SW-29 (5.0')	101	92
880-68634-11	SW-30 (5.0')	111	90
880-68634-12	SW-31 (5.0')	102	96
LCS 880-132656/1-A	Lab Control Sample	111	94
LCS 880-132667/1-A	Lab Control Sample	114	89
LCSD 880-132656/2-A	Lab Control Sample Dup	106	93
LCSD 880-132667/2-A	Lab Control Sample Dup	119	86
MB 880-132651/5-A	Method Blank	97	97
MB 880-132656/5-A	Method Blank	95	94
MB 880-132667/5-A	Method Blank	96	94

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)
880-68634-1	SW-11 (5.0')	88	99
880-68634-1 MS	SW-11 (5.0')	118	115
880-68634-1 MSD	SW-11 (5.0')	121	118
880-68634-2	SW-14 (5.0')	103	114
880-68634-3	SW-21 (5.0')	107	114
880-68634-4	SW-22 (5.0')	106	113
880-68634-5	SW-24 (5.0')	107	116
880-68634-6	SW-25 (5.0')	109	121
880-68634-7	SW-26 (5.0')	115	123
880-68634-8	SW-27 (5.0')	99	107
880-68634-9	SW-28 (5.0')	105	114
880-68634-10	SW-29 (5.0')	100	106
880-68634-11	SW-30 (5.0')	104	110
880-68634-12	SW-31 (5.0')	109	120
LCS 880-132596/2-A	Lab Control Sample	120	119
LCSD 880-132596/3-A	Lab Control Sample Dup	121	121
MB 880-132596/1-A	Method Blank	91	104

Surrogate Legend

Surrogate Summary

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68634-1
SDG: Lea County New Mexico

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68634-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-132651/5-A
Matrix: Solid
Analysis Batch: 132638

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 132651

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/21/26 08:37	02/21/26 22:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/21/26 08:37	02/21/26 22:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/21/26 08:37	02/21/26 22:35	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		02/21/26 08:37	02/21/26 22:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/21/26 08:37	02/21/26 22:35	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/21/26 08:37	02/21/26 22:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*02/21/26 08:37*	*02/21/26 22:35*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*02/21/26 08:37*	*02/21/26 22:35*	*1*

Lab Sample ID: MB 880-132656/5-A
Matrix: Solid
Analysis Batch: 132638

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 132656

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/21/26 08:56	02/22/26 09:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/21/26 08:56	02/22/26 09:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/21/26 08:56	02/22/26 09:29	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		02/21/26 08:56	02/22/26 09:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/21/26 08:56	02/22/26 09:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/21/26 08:56	02/22/26 09:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*02/21/26 08:56*	*02/22/26 09:29*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*02/21/26 08:56*	*02/22/26 09:29*	*1*

Lab Sample ID: LCS 880-132656/1-A
Matrix: Solid
Analysis Batch: 132638

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 132656

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08484		mg/Kg		85	70 - 130
Toluene	0.100	0.1002		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09425		mg/Kg		94	70 - 130
m,p-Xylenes	0.200	0.1998		mg/Kg		100	70 - 130
o-Xylene	0.100	0.09973		mg/Kg		100	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: LCSD 880-132656/2-A
Matrix: Solid
Analysis Batch: 132638

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 132656

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08392		mg/Kg		84	70 - 130	1	35

QC Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68634-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-132656/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132638 — **Prep Batch: 132656**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.09748		mg/Kg		97	70 - 130	3	35
Ethylbenzene			0.100	0.08864		mg/Kg		89	70 - 130	6	35
m,p-Xylenes			0.200	0.1830		mg/Kg		91	70 - 130	9	35
o-Xylene			0.100	0.09018		mg/Kg		90	70 - 130	10	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: 880-68634-4 MS — **Client Sample ID: SW-22 (5.0')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132638 — **Prep Batch: 132656**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08860		mg/Kg		89	70 - 130
Toluene	<0.00200	U	0.100	0.1016		mg/Kg		102	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09138		mg/Kg		91	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1876		mg/Kg		94	70 - 130
o-Xylene	<0.00200	U	0.100	0.09372		mg/Kg		94	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: 880-68634-4 MSD — **Client Sample ID: SW-22 (5.0')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132638 — **Prep Batch: 132656**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09155		mg/Kg		92	70 - 130	3	35
Toluene	<0.00200	U	0.100	0.1035		mg/Kg		104	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.100	0.09304		mg/Kg		93	70 - 130	2	35
m,p-Xylenes	<0.00399	U	0.200	0.1919		mg/Kg		96	70 - 130	2	35
o-Xylene	<0.00200	U	0.100	0.09597		mg/Kg		96	70 - 130	2	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: MB 880-132667/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132638 — **Prep Batch: 132667**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/21/26 09:37	02/22/26 20:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/21/26 09:37	02/22/26 20:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/21/26 09:37	02/22/26 20:24	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		02/21/26 09:37	02/22/26 20:24	1

QC Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68634-1
SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-132667/5-A
Matrix: Solid
Analysis Batch: 132638

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 132667

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/21/26 09:37	02/22/26 20:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/21/26 09:37	02/22/26 20:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*02/21/26 09:37*	*02/22/26 20:24*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*02/21/26 09:37*	*02/22/26 20:24*	*1*

Lab Sample ID: LCS 880-132667/1-A
Matrix: Solid
Analysis Batch: 132638

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 132667

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07777		mg/Kg		78	70 - 130
Toluene	0.100	0.1032		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.09499		mg/Kg		95	70 - 130
m,p-Xylenes	0.200	0.2027		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1003		mg/Kg		100	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*

Lab Sample ID: LCSD 880-132667/2-A
Matrix: Solid
Analysis Batch: 132638

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 132667

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.07723		mg/Kg		77	70 - 130	1	35
Toluene	0.100	0.1047		mg/Kg		105	70 - 130	1	35
Ethylbenzene	0.100	0.1002		mg/Kg		100	70 - 130	5	35
m,p-Xylenes	0.200	0.2145		mg/Kg		107	70 - 130	6	35
o-Xylene	0.100	0.1062		mg/Kg		106	70 - 130	6	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*

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

Lab Sample ID: MB 880-132596/1-A
Matrix: Solid
Analysis Batch: 132643

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 132596

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		02/20/26 16:05	02/23/26 08:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/20/26 16:05	02/23/26 08:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/20/26 16:05	02/23/26 08:28	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68634-1
SDG: Lea County New Mexico

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130	02/20/26 16:05	02/23/26 08:28	1
o-Terphenyl (Surr)	104		70 - 130	02/20/26 16:05	02/23/26 08:28	1

Lab Sample ID: LCS 880-132596/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132643 — **Prep Batch: 132596**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	864.6		mg/Kg		86	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	882.4		mg/Kg		88	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	120		70 - 130
o-Terphenyl (Surr)	119		70 - 130

Lab Sample ID: LCSD 880-132596/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132643 — **Prep Batch: 132596**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	890.8		mg/Kg		89	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	885.1		mg/Kg		89	70 - 130	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	121		70 - 130
o-Terphenyl (Surr)	121		70 - 130

Lab Sample ID: 880-68634-1 MS — **Client Sample ID: SW-11 (5.0')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132643 — **Prep Batch: 132596**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	939.3		mg/Kg		94	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	999	723.1		mg/Kg		72	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	118		70 - 130
o-Terphenyl (Surr)	115		70 - 130

Lab Sample ID: 880-68634-1 MSD — **Client Sample ID: SW-11 (5.0')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132643 — **Prep Batch: 132596**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	967.9		mg/Kg		97	70 - 130	3	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68634-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68634-1 MSD — **Client Sample ID: SW-11 (5.0')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132643 — **Prep Batch: 132596**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics (Over C10-C28)	<49.9	U	999	753.9		mg/Kg		75	70 - 130	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*121*		*70 - 130*
o-Terphenyl (Surr)	*118*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-132604/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 132633

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/21/26 22:46	1

Lab Sample ID: LCS 880-132604/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 132633

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	250.0		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-132604/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 132633

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	248.6		mg/Kg		99	90 - 110	1	20

Lab Sample ID: 880-68633-A-11-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 132633

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	501		250	737.0		mg/Kg		95	90 - 110

Lab Sample ID: 880-68633-A-11-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 132633

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	501		250	735.0		mg/Kg		94	90 - 110	0	20

Lab Sample ID: MB 880-132610/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 132634

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/22/26 02:40	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68634-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-132610/2-A
Matrix: Solid
Analysis Batch: 132634

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	252.6		mg/Kg		101	90 - 110		

Lab Sample ID: LCSD 880-132610/3-A
Matrix: Solid
Analysis Batch: 132634

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	251.5		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-68634-5 MS
Matrix: Solid
Analysis Batch: 132634

Client Sample ID: SW-24 (5.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	15.2		251	284.8		mg/Kg		107	90 - 110		

Lab Sample ID: 880-68634-5 MSD
Matrix: Solid
Analysis Batch: 132634

Client Sample ID: SW-24 (5.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	15.2		251	284.1		mg/Kg		107	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68634-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 132638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68634-1	SW-11 (5.0')	Total/NA	Solid	8021B	132667
880-68634-2	SW-14 (5.0')	Total/NA	Solid	8021B	132667
880-68634-3	SW-21 (5.0')	Total/NA	Solid	8021B	132667
880-68634-4	SW-22 (5.0')	Total/NA	Solid	8021B	132656
880-68634-5	SW-24 (5.0')	Total/NA	Solid	8021B	132656
880-68634-6	SW-25 (5.0')	Total/NA	Solid	8021B	132656
880-68634-7	SW-26 (5.0')	Total/NA	Solid	8021B	132656
880-68634-8	SW-27 (5.0')	Total/NA	Solid	8021B	132656
880-68634-9	SW-28 (5.0')	Total/NA	Solid	8021B	132656
880-68634-10	SW-29 (5.0')	Total/NA	Solid	8021B	132656
880-68634-11	SW-30 (5.0')	Total/NA	Solid	8021B	132656
880-68634-12	SW-31 (5.0')	Total/NA	Solid	8021B	132656
MB 880-132651/5-A	Method Blank	Total/NA	Solid	8021B	132651
MB 880-132656/5-A	Method Blank	Total/NA	Solid	8021B	132656
MB 880-132667/5-A	Method Blank	Total/NA	Solid	8021B	132667
LCS 880-132656/1-A	Lab Control Sample	Total/NA	Solid	8021B	132656
LCS 880-132667/1-A	Lab Control Sample	Total/NA	Solid	8021B	132667
LCSD 880-132656/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132656
LCSD 880-132667/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132667
880-68634-4 MS	SW-22 (5.0')	Total/NA	Solid	8021B	132656
880-68634-4 MSD	SW-22 (5.0')	Total/NA	Solid	8021B	132656

Prep Batch: 132651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-132651/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 132656

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68634-4	SW-22 (5.0')	Total/NA	Solid	5035	
880-68634-5	SW-24 (5.0')	Total/NA	Solid	5035	
880-68634-6	SW-25 (5.0')	Total/NA	Solid	5035	
880-68634-7	SW-26 (5.0')	Total/NA	Solid	5035	
880-68634-8	SW-27 (5.0')	Total/NA	Solid	5035	
880-68634-9	SW-28 (5.0')	Total/NA	Solid	5035	
880-68634-10	SW-29 (5.0')	Total/NA	Solid	5035	
880-68634-11	SW-30 (5.0')	Total/NA	Solid	5035	
880-68634-12	SW-31 (5.0')	Total/NA	Solid	5035	
MB 880-132656/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132656/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-132656/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68634-4 MS	SW-22 (5.0')	Total/NA	Solid	5035	
880-68634-4 MSD	SW-22 (5.0')	Total/NA	Solid	5035	

Prep Batch: 132667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68634-1	SW-11 (5.0')	Total/NA	Solid	5035	
880-68634-2	SW-14 (5.0')	Total/NA	Solid	5035	
880-68634-3	SW-21 (5.0')	Total/NA	Solid	5035	
MB 880-132667/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132667/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-132667/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68634-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 132757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68634-1	SW-11 (5.0')	Total/NA	Solid	Total BTEX	
880-68634-2	SW-14 (5.0')	Total/NA	Solid	Total BTEX	
880-68634-3	SW-21 (5.0')	Total/NA	Solid	Total BTEX	
880-68634-4	SW-22 (5.0')	Total/NA	Solid	Total BTEX	
880-68634-5	SW-24 (5.0')	Total/NA	Solid	Total BTEX	
880-68634-6	SW-25 (5.0')	Total/NA	Solid	Total BTEX	
880-68634-7	SW-26 (5.0')	Total/NA	Solid	Total BTEX	
880-68634-8	SW-27 (5.0')	Total/NA	Solid	Total BTEX	
880-68634-9	SW-28 (5.0')	Total/NA	Solid	Total BTEX	
880-68634-10	SW-29 (5.0')	Total/NA	Solid	Total BTEX	
880-68634-11	SW-30 (5.0')	Total/NA	Solid	Total BTEX	
880-68634-12	SW-31 (5.0')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 132596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68634-1	SW-11 (5.0')	Total/NA	Solid	8015NM Prep	
880-68634-2	SW-14 (5.0')	Total/NA	Solid	8015NM Prep	
880-68634-3	SW-21 (5.0')	Total/NA	Solid	8015NM Prep	
880-68634-4	SW-22 (5.0')	Total/NA	Solid	8015NM Prep	
880-68634-5	SW-24 (5.0')	Total/NA	Solid	8015NM Prep	
880-68634-6	SW-25 (5.0')	Total/NA	Solid	8015NM Prep	
880-68634-7	SW-26 (5.0')	Total/NA	Solid	8015NM Prep	
880-68634-8	SW-27 (5.0')	Total/NA	Solid	8015NM Prep	
880-68634-9	SW-28 (5.0')	Total/NA	Solid	8015NM Prep	
880-68634-10	SW-29 (5.0')	Total/NA	Solid	8015NM Prep	
880-68634-11	SW-30 (5.0')	Total/NA	Solid	8015NM Prep	
880-68634-12	SW-31 (5.0')	Total/NA	Solid	8015NM Prep	
MB 880-132596/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-132596/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-132596/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68634-1 MS	SW-11 (5.0')	Total/NA	Solid	8015NM Prep	
880-68634-1 MSD	SW-11 (5.0')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 132643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68634-1	SW-11 (5.0')	Total/NA	Solid	8015B NM	132596
880-68634-2	SW-14 (5.0')	Total/NA	Solid	8015B NM	132596
880-68634-3	SW-21 (5.0')	Total/NA	Solid	8015B NM	132596
880-68634-4	SW-22 (5.0')	Total/NA	Solid	8015B NM	132596
880-68634-5	SW-24 (5.0')	Total/NA	Solid	8015B NM	132596
880-68634-6	SW-25 (5.0')	Total/NA	Solid	8015B NM	132596
880-68634-7	SW-26 (5.0')	Total/NA	Solid	8015B NM	132596
880-68634-8	SW-27 (5.0')	Total/NA	Solid	8015B NM	132596
880-68634-9	SW-28 (5.0')	Total/NA	Solid	8015B NM	132596
880-68634-10	SW-29 (5.0')	Total/NA	Solid	8015B NM	132596
880-68634-11	SW-30 (5.0')	Total/NA	Solid	8015B NM	132596
880-68634-12	SW-31 (5.0')	Total/NA	Solid	8015B NM	132596
MB 880-132596/1-A	Method Blank	Total/NA	Solid	8015B NM	132596
LCS 880-132596/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	132596

QC Association Summary

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68634-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 132643 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-132596/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	132596
880-68634-1 MS	SW-11 (5.0')	Total/NA	Solid	8015B NM	132596
880-68634-1 MSD	SW-11 (5.0')	Total/NA	Solid	8015B NM	132596

Analysis Batch: 132765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68634-1	SW-11 (5.0')	Total/NA	Solid	8015 NM	
880-68634-2	SW-14 (5.0')	Total/NA	Solid	8015 NM	
880-68634-3	SW-21 (5.0')	Total/NA	Solid	8015 NM	
880-68634-4	SW-22 (5.0')	Total/NA	Solid	8015 NM	
880-68634-5	SW-24 (5.0')	Total/NA	Solid	8015 NM	
880-68634-6	SW-25 (5.0')	Total/NA	Solid	8015 NM	
880-68634-7	SW-26 (5.0')	Total/NA	Solid	8015 NM	
880-68634-8	SW-27 (5.0')	Total/NA	Solid	8015 NM	
880-68634-9	SW-28 (5.0')	Total/NA	Solid	8015 NM	
880-68634-10	SW-29 (5.0')	Total/NA	Solid	8015 NM	
880-68634-11	SW-30 (5.0')	Total/NA	Solid	8015 NM	
880-68634-12	SW-31 (5.0')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 132604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68634-1	SW-11 (5.0')	Soluble	Solid	DI Leach	
880-68634-2	SW-14 (5.0')	Soluble	Solid	DI Leach	
880-68634-3	SW-21 (5.0')	Soluble	Solid	DI Leach	
880-68634-4	SW-22 (5.0')	Soluble	Solid	DI Leach	
MB 880-132604/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-132604/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-132604/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68633-A-11-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-68633-A-11-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 132610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68634-5	SW-24 (5.0')	Soluble	Solid	DI Leach	
880-68634-6	SW-25 (5.0')	Soluble	Solid	DI Leach	
880-68634-7	SW-26 (5.0')	Soluble	Solid	DI Leach	
880-68634-8	SW-27 (5.0')	Soluble	Solid	DI Leach	
880-68634-9	SW-28 (5.0')	Soluble	Solid	DI Leach	
880-68634-10	SW-29 (5.0')	Soluble	Solid	DI Leach	
880-68634-11	SW-30 (5.0')	Soluble	Solid	DI Leach	
880-68634-12	SW-31 (5.0')	Soluble	Solid	DI Leach	
MB 880-132610/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-132610/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-132610/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68634-5 MS	SW-24 (5.0')	Soluble	Solid	DI Leach	
880-68634-5 MSD	SW-24 (5.0')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68634-1
SDG: Lea County New Mexico

HPLC/IC

Analysis Batch: 132633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68634-1	SW-11 (5.0')	Soluble	Solid	300.0	132604
880-68634-2	SW-14 (5.0')	Soluble	Solid	300.0	132604
880-68634-3	SW-21 (5.0')	Soluble	Solid	300.0	132604
880-68634-4	SW-22 (5.0')	Soluble	Solid	300.0	132604
MB 880-132604/1-A	Method Blank	Soluble	Solid	300.0	132604
LCS 880-132604/2-A	Lab Control Sample	Soluble	Solid	300.0	132604
LCSD 880-132604/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	132604
880-68633-A-11-C MS	Matrix Spike	Soluble	Solid	300.0	132604
880-68633-A-11-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	132604

Analysis Batch: 132634

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68634-5	SW-24 (5.0')	Soluble	Solid	300.0	132610
880-68634-6	SW-25 (5.0')	Soluble	Solid	300.0	132610
880-68634-7	SW-26 (5.0')	Soluble	Solid	300.0	132610
880-68634-8	SW-27 (5.0')	Soluble	Solid	300.0	132610
880-68634-9	SW-28 (5.0')	Soluble	Solid	300.0	132610
880-68634-10	SW-29 (5.0')	Soluble	Solid	300.0	132610
880-68634-11	SW-30 (5.0')	Soluble	Solid	300.0	132610
880-68634-12	SW-31 (5.0')	Soluble	Solid	300.0	132610
MB 880-132610/1-A	Method Blank	Soluble	Solid	300.0	132610
LCS 880-132610/2-A	Lab Control Sample	Soluble	Solid	300.0	132610
LCSD 880-132610/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	132610
880-68634-5 MS	SW-24 (5.0')	Soluble	Solid	300.0	132610
880-68634-5 MSD	SW-24 (5.0')	Soluble	Solid	300.0	132610

Lab Chronicle

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68634-1
SDG: Lea County New Mexico

Client Sample ID: SW-11 (5.0')

Lab Sample ID: 880-68634-1
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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	132667	02/21/26 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132638	02/23/26 03:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132757	02/23/26 03:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			132765	02/23/26 11:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	132596	02/20/26 16:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132643	02/23/26 11:13	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	132604	02/20/26 16:31	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	132633	02/22/26 01:46	CS	EET MID

Client Sample ID: SW-14 (5.0')

Lab Sample ID: 880-68634-2
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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	132667	02/21/26 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132638	02/23/26 03:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132757	02/23/26 03:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			132765	02/23/26 11:55	SA	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10.00 mL	132596	02/20/26 16:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132643	02/23/26 11:55	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	132604	02/20/26 16:31	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	132633	02/22/26 01:53	CS	EET MID

Client Sample ID: SW-21 (5.0')

Lab Sample ID: 880-68634-3
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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	132667	02/21/26 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132638	02/23/26 04:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132757	02/23/26 04:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			132765	02/23/26 12:09	SA	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10.00 mL	132596	02/20/26 16:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132643	02/23/26 12:09	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	132604	02/20/26 16:31	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	132633	02/22/26 02:00	CS	EET MID

Client Sample ID: SW-22 (5.0')

Lab Sample ID: 880-68634-4
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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	132656	02/21/26 08:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132638	02/22/26 09:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132757	02/22/26 09:51	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68634-1
SDG: Lea County New Mexico

Client Sample ID: SW-22 (5.0')

Lab Sample ID: 880-68634-4
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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			132765	02/23/26 12:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	132596	02/20/26 16:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132643	02/23/26 12:23	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	132604	02/20/26 16:31	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	132633	02/22/26 02:06	CS	EET MID

Client Sample ID: SW-24 (5.0')

Lab Sample ID: 880-68634-5
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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	132656	02/21/26 08:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132638	02/22/26 10:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132757	02/22/26 10:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			132765	02/23/26 12:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	132596	02/20/26 16:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132643	02/23/26 12:37	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	132610	02/20/26 16:34	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	132634	02/22/26 03:00	CS	EET MID

Client Sample ID: SW-25 (5.0')

Lab Sample ID: 880-68634-6
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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	132656	02/21/26 08:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132638	02/22/26 10:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132757	02/22/26 10:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			132765	02/23/26 12:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132596	02/20/26 16:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132643	02/23/26 12:51	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	132610	02/20/26 16:34	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	132634	02/22/26 03:20	CS	EET MID

Client Sample ID: SW-26 (5.0')

Lab Sample ID: 880-68634-7
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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	132656	02/21/26 08:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132638	02/22/26 10:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132757	02/22/26 10:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			132765	02/23/26 13:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	132596	02/20/26 16:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132643	02/23/26 13:05	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68634-1
SDG: Lea County New Mexico

Client Sample ID: SW-26 (5.0')

Lab Sample ID: 880-68634-7
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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	132610	02/20/26 16:34	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	132634	02/22/26 03:26	CS	EET MID

Client Sample ID: SW-27 (5.0')

Lab Sample ID: 880-68634-8
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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	132656	02/21/26 08:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132638	02/22/26 11:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132757	02/22/26 11:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			132765	02/23/26 13:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132596	02/20/26 16:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132643	02/23/26 13:19	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	132610	02/20/26 16:34	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	132634	02/22/26 03:33	CS	EET MID

Client Sample ID: SW-28 (5.0')

Lab Sample ID: 880-68634-9
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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	132656	02/21/26 08:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132638	02/22/26 11:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132757	02/22/26 11:33	SA	EET MID
Total/NA	Analysis	8015 NM		1			132765	02/23/26 13:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	132596	02/20/26 16:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132643	02/23/26 13:32	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	132610	02/20/26 16:34	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	132634	02/22/26 03:40	CS	EET MID

Client Sample ID: SW-29 (5.0')

Lab Sample ID: 880-68634-10
Matrix: Solid
Date Collected: 02/20/26 00:00
Date Received: 02/20/26 15:42

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	132656	02/21/26 08:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132638	02/22/26 11:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132757	02/22/26 11:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			132765	02/23/26 13:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	132596	02/20/26 16:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132643	02/23/26 13:47	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	132610	02/20/26 16:34	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	132634	02/22/26 04:00	CS	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-68634-1
SDG: Lea County New Mexico

Client Sample ID: SW-30 (5.0')

Lab Sample ID: 880-68634-11

Date Collected: 02/20/26 00:00
Matrix: Solid
Date Received: 02/20/26 15:42

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	132656	02/21/26 08:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132638	02/22/26 12:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132757	02/22/26 12:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			132765	02/23/26 14:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132596	02/20/26 16:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132643	02/23/26 14:15	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	132610	02/20/26 16:34	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	132634	02/22/26 04:07	CS	EET MID

Client Sample ID: SW-31 (5.0')

Lab Sample ID: 880-68634-12

Date Collected: 02/20/26 00:00
Matrix: Solid
Date Received: 02/20/26 15:42

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	132656	02/21/26 08:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132638	02/22/26 12:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132757	02/22/26 12:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			132765	02/23/26 14:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	132596	02/20/26 16:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132643	02/23/26 14:29	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	132610	02/20/26 16:34	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	132634	02/22/26 04:13	CS	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: Crazy Goat CTB (10.27.2025)

Job ID: 880-68634-1
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	06-30-26

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: Crazy Goat CTB (10.27.2025)

Job ID: 880-68634-1
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: Crazy Goat CTB (10.27.2025)

Job ID: 880-68634-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-68634-1	SW-11 (5.0')	Solid	02/20/26 00:00	02/20/26 15:42	New Mexico
880-68634-2	SW-14 (5.0')	Solid	02/20/26 00:00	02/20/26 15:42	New Mexico
880-68634-3	SW-21 (5.0')	Solid	02/20/26 00:00	02/20/26 15:42	New Mexico
880-68634-4	SW-22 (5.0')	Solid	02/20/26 00:00	02/20/26 15:42	New Mexico
880-68634-5	SW-24 (5.0')	Solid	02/20/26 00:00	02/20/26 15:42	New Mexico
880-68634-6	SW-25 (5.0')	Solid	02/20/26 00:00	02/20/26 15:42	New Mexico
880-68634-7	SW-26 (5.0')	Solid	02/20/26 00:00	02/20/26 15:42	New Mexico
880-68634-8	SW-27 (5.0')	Solid	02/20/26 00:00	02/20/26 15:42	New Mexico
880-68634-9	SW-28 (5.0')	Solid	02/20/26 00:00	02/20/26 15:42	New Mexico
880-68634-10	SW-29 (5.0')	Solid	02/20/26 00:00	02/20/26 15:42	New Mexico
880-68634-11	SW-30 (5.0')	Solid	02/20/26 00:00	02/20/26 15:42	New Mexico
880-68634-12	SW-31 (5.0')	Solid	02/20/26 00:00	02/20/26 15:42	New Mexico

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Chain of Custody

880-68634 Chain of Custody

2/23/2026

Page 1 of 2

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Crazy Goat CTB (10.27.2025)	Turn Around	☐ Routine ☑ Rush
Project Number:	3054	Due Date:	24 hr
Project Location	Lea County, New Mexico		
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	IR8
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	7.2
Total Containers:		Corrected Temperature:	7.1

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	Sample Comments
SW-11 (5.0')	2/20/2026		X		Comp	1		X	X	X		
SW-14 (5.0')	2/20/2026		X		Comp	1		X	X	X		
SW-21 (5.0')	2/20/2026		X		Comp	1		X	X	X		
SW-22 (5.0')	2/20/2026		X		Comp	1		X	X	X		
SW-24 (5.0')	2/20/2026		X		Comp	1		X	X	X		
SW-25 (5.0')	2/20/2026		X		Comp	1		X	X	X		
SW-26 (5.0')	2/20/2026		X		Comp	1		X	X	X		
SW-27 (5.0')	2/20/2026		X		Comp	1		X	X	X		
SW-28 (5.0')	2/20/2026		X		Comp	1		X	X	X		
SW-29 (5.0')	2/20/2026		X		Comp	1		X	X	X		

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2/20/26 3:42	Erica Apt	2.20.26 1542

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Received by OCD: 3/16/2026 12:13:19 PM

Released to Imaging: 4/16/2026 3:42:59 PM

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Chain of Custody

Work Order No: _____

2/23/2026

Page 2 of 2

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Crazy Goat CTB (10.27.2025)	Turn Around	☐ Routine	☑ Rush	Pres. Code
Project Number:	3054	Due Date:	24 hr		
Project Location	Lea County, New Mexico				
Sampler's Name:	KR				
PO #:					

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No	
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:		

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	Sample Comments
SW-30 (5.0')	2/20/2026		X		Comp	1	X	X	X		
SW-31 (5.0')	2/20/2026		X		Comp	1	X	X	X		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2/20/26 3:42	Erica Apl	2.2026 1542

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Received by OCD: 3/16/2026 12:13:19 PM

Released to Imaging: 4/16/2026 3:42:59 PM

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-68634-1
SDG Number: Lea County New Mexico

Login Number: 68634
List Number: 1
Creator: Dyal, Erica

List Source: Eurofins Midland

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

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JOB DESCRIPTION

CRAZY GOAT CTB (10.27.2025)
3054

JOB NUMBER

890-9239-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Released to Imaging: 4/16/2026 3:42:39 PM

my EOL

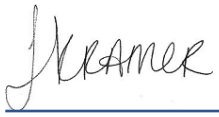
Eurofins Carlsbad

Job Notes

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

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

Authorization



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12/18/2025 4:18:54 PM

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

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Laboratory Job ID: 890-9239-1
SDG: 3054

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Definitions/Glossary

Client: Carmona Resources Job ID: 890-9239-1
Project/Site: CRAZY GOAT CTB (10.27.2025) SDG: 3054

Qualifiers

GC VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9239-1

Job ID: 890-9239-1 Eurofins Carlsbad

Job Narrative
890-9239-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 12/17/2025 2:14 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 -11.6°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: CS - 2 (5.25') (890-9239-1), CS - 3 (5.25') (890-9239-2), CS - 6 (5.25') (890-9239-3), SW - 1 (5.25') (890-9239-4) and SW - 4 (5.25') (890-9239-5).

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

Diesel Range Organics
Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-127039 and analytical batch 880-127079 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
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9239-1
SDG: 3054

Client Sample ID: CS - 2 (5.25')

Lab Sample ID: 890-9239-1
Matrix: Solid
Date Collected: 12/17/25 00:00
Date Received: 12/17/25 14:14

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00109	U	0.00109		mg/Kg		12/18/25 10:07	12/18/25 11:35	1
Toluene	<0.00109	U	0.00109		mg/Kg		12/18/25 10:07	12/18/25 11:35	1
Ethylbenzene	<0.00109	U	0.00109		mg/Kg		12/18/25 10:07	12/18/25 11:35	1
m,p-Xylenes	<0.00219	U	0.00219		mg/Kg		12/18/25 10:07	12/18/25 11:35	1
o-Xylene	<0.00109	U	0.00109		mg/Kg		12/18/25 10:07	12/18/25 11:35	1
Xylenes, Total	<0.00219	U	0.00219		mg/Kg		12/18/25 10:07	12/18/25 11:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*12/18/25 10:07*	*12/18/25 11:35*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*12/18/25 10:07*	*12/18/25 11:35*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00219	U	0.00219		mg/Kg			12/18/25 11:35	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			12/18/25 12:59	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	<50.0	U	50.0		mg/Kg		12/18/25 07:31	12/18/25 12:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/18/25 07:31	12/18/25 12:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/18/25 07:31	12/18/25 12:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*12/18/25 07:31*	*12/18/25 12:59*	*1*
o-Terphenyl (Surr)	*120*		*70 - 130*	*12/18/25 07:31*	*12/18/25 12:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**222**		10.1		mg/Kg			12/18/25 10:46	1

Client Sample ID: CS - 3 (5.25')

Lab Sample ID: 890-9239-2
Matrix: Solid
Date Collected: 12/17/25 00:00
Date Received: 12/17/25 14:14

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00108	U	0.00108		mg/Kg		12/18/25 10:07	12/18/25 11:56	1
Toluene	<0.00108	U	0.00108		mg/Kg		12/18/25 10:07	12/18/25 11:56	1
Ethylbenzene	<0.00108	U	0.00108		mg/Kg		12/18/25 10:07	12/18/25 11:56	1
m,p-Xylenes	<0.00215	U	0.00215		mg/Kg		12/18/25 10:07	12/18/25 11:56	1
o-Xylene	<0.00108	U	0.00108		mg/Kg		12/18/25 10:07	12/18/25 11:56	1
Xylenes, Total	<0.00215	U	0.00215		mg/Kg		12/18/25 10:07	12/18/25 11:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*12/18/25 10:07*	*12/18/25 11:56*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*12/18/25 10:07*	*12/18/25 11:56*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9239-1
SDG: 3054

Client Sample ID: CS - 3 (5.25')

Lab Sample ID: 890-9239-2
Date Collected: 12/17/25 00:00
Matrix: Solid
Date Received: 12/17/25 14:14

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00215	U	0.00215		mg/Kg			12/18/25 11:56	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			12/18/25 13:14	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	<49.9	U	49.9		mg/Kg		12/18/25 07:31	12/18/25 13:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/18/25 07:31	12/18/25 13:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/18/25 07:31	12/18/25 13:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*12/18/25 07:31*	*12/18/25 13:14*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*12/18/25 07:31*	*12/18/25 13:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**53.9**		10.0		mg/Kg			12/18/25 10:51	1

Client Sample ID: CS - 6 (5.25')

Lab Sample ID: 890-9239-3
Date Collected: 12/17/25 00:00
Matrix: Solid
Date Received: 12/17/25 14:14

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00123	U	0.00123		mg/Kg		12/18/25 10:07	12/18/25 12:16	1
Toluene	<0.00123	U	0.00123		mg/Kg		12/18/25 10:07	12/18/25 12:16	1
Ethylbenzene	<0.00123	U	0.00123		mg/Kg		12/18/25 10:07	12/18/25 12:16	1
m,p-Xylenes	<0.00246	U	0.00246		mg/Kg		12/18/25 10:07	12/18/25 12:16	1
o-Xylene	<0.00123	U	0.00123		mg/Kg		12/18/25 10:07	12/18/25 12:16	1
Xylenes, Total	<0.00246	U	0.00246		mg/Kg		12/18/25 10:07	12/18/25 12:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*12/18/25 10:07*	*12/18/25 12:16*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*12/18/25 10:07*	*12/18/25 12:16*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00246	U	0.00246		mg/Kg			12/18/25 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/18/25 13:28	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		12/18/25 07:31	12/18/25 13:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/18/25 07:31	12/18/25 13:28	1

Client Sample Results

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9239-1
SDG: 3054

Client Sample ID: CS - 6 (5.25')

Lab Sample ID: 890-9239-3
Matrix: Solid
Date Collected: 12/17/25 00:00
Date Received: 12/17/25 14:14

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		12/18/25 07:31	12/18/25 13:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*12/18/25 07:31*	*12/18/25 13:28*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*12/18/25 07:31*	*12/18/25 13:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**231**		9.96		mg/Kg			12/18/25 10:56	1

Client Sample ID: SW - 1 (5.25')

Lab Sample ID: 890-9239-4
Matrix: Solid
Date Collected: 12/17/25 00:00
Date Received: 12/17/25 14:14

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00114	U	0.00114		mg/Kg		12/18/25 10:07	12/18/25 12:37	1
Toluene	<0.00114	U	0.00114		mg/Kg		12/18/25 10:07	12/18/25 12:37	1
Ethylbenzene	<0.00114	U	0.00114		mg/Kg		12/18/25 10:07	12/18/25 12:37	1
m,p-Xylenes	<0.00229	U	0.00229		mg/Kg		12/18/25 10:07	12/18/25 12:37	1
o-Xylene	<0.00114	U	0.00114		mg/Kg		12/18/25 10:07	12/18/25 12:37	1
Xylenes, Total	<0.00229	U	0.00229		mg/Kg		12/18/25 10:07	12/18/25 12:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*12/18/25 10:07*	*12/18/25 12:37*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*12/18/25 10:07*	*12/18/25 12:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00229		mg/Kg			12/18/25 12:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/18/25 13:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/18/25 07:31	12/18/25 13:42	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/18/25 07:31	12/18/25 13:42	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/18/25 07:31	12/18/25 13:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*12/18/25 07:31*	*12/18/25 13:42*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*12/18/25 07:31*	*12/18/25 13:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**164**		10.1		mg/Kg			12/18/25 11:01	1

Client Sample Results

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9239-1
SDG: 3054

Client Sample ID: SW - 4 (5.25')

Date Collected: 12/17/25 00:00
Date Received: 12/17/25 14:14

Lab Sample ID: 890-9239-5

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00135	U	0.00135		mg/Kg		12/18/25 10:07	12/18/25 12:57	1
Toluene	<0.00135	U	0.00135		mg/Kg		12/18/25 10:07	12/18/25 12:57	1
Ethylbenzene	<0.00135	U	0.00135		mg/Kg		12/18/25 10:07	12/18/25 12:57	1
m,p-Xylenes	<0.00270	U	0.00270		mg/Kg		12/18/25 10:07	12/18/25 12:57	1
o-Xylene	<0.00135	U	0.00135		mg/Kg		12/18/25 10:07	12/18/25 12:57	1
Xylenes, Total	<0.00270	U	0.00270		mg/Kg		12/18/25 10:07	12/18/25 12:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*12/18/25 10:07*	*12/18/25 12:57*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*12/18/25 10:07*	*12/18/25 12:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00270	U	0.00270		mg/Kg			12/18/25 12:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/18/25 13:57	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	50.0		mg/Kg		12/18/25 07:31	12/18/25 13:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/18/25 07:31	12/18/25 13:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/18/25 07:31	12/18/25 13:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*12/18/25 07:31*	*12/18/25 13:57*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*12/18/25 07:31*	*12/18/25 13:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**73.8**		10.0		mg/Kg			12/18/25 11:06	1

Surrogate Summary

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9239-1
SDG: 3054

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-9239-1	CS - 2 (5.25')	103	101
890-9239-1 MS	CS - 2 (5.25')	100	97
890-9239-1 MSD	CS - 2 (5.25')	103	98
890-9239-2	CS - 3 (5.25')	105	105
890-9239-3	CS - 6 (5.25')	100	101
890-9239-4	SW - 1 (5.25')	104	102
890-9239-5	SW - 4 (5.25')	107	102
LCS 880-127064/1-A	Lab Control Sample	101	96
LCSD 880-127064/2-A	Lab Control Sample Dup	101	98
MB 880-127064/5-A	Method Blank	95	92

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-9238-A-3-B MS	Matrix Spike	101	99
890-9238-A-3-C MSD	Matrix Spike Duplicate	103	99
890-9239-1	CS - 2 (5.25')	105	120
890-9239-2	CS - 3 (5.25')	105	118
890-9239-3	CS - 6 (5.25')	98	106
890-9239-4	SW - 1 (5.25')	95	103
890-9239-5	SW - 4 (5.25')	104	114
LCS 880-127039/2-A	Lab Control Sample	112	106
LCSD 880-127039/3-A	Lab Control Sample Dup	112	108
MB 880-127039/1-A	Method Blank	108	108

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9239-1
SDG: 3054

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-127064/5-A
Matrix: Solid
Analysis Batch: 127052

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 127064

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/18/25 08:00	12/18/25 11:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/18/25 08:00	12/18/25 11:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/18/25 08:00	12/18/25 11:14	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		12/18/25 08:00	12/18/25 11:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/18/25 08:00	12/18/25 11:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/18/25 08:00	12/18/25 11:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*12/18/25 08:00*	*12/18/25 11:14*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*12/18/25 08:00*	*12/18/25 11:14*	*1*

Lab Sample ID: LCS 880-127064/1-A
Matrix: Solid
Analysis Batch: 127052

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 127064

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08849		mg/Kg		88	70 - 130
Toluene	0.100	0.08904		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.09204		mg/Kg		92	70 - 130
m,p-Xylenes	0.200	0.1840		mg/Kg		92	70 - 130
o-Xylene	0.100	0.09424		mg/Kg		94	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: LCSD 880-127064/2-A
Matrix: Solid
Analysis Batch: 127052

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 127064

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08878		mg/Kg		89	70 - 130	0	35
Toluene	0.100	0.08647		mg/Kg		86	70 - 130	3	35
Ethylbenzene	0.100	0.09045		mg/Kg		90	70 - 130	2	35
m,p-Xylenes	0.200	0.1793		mg/Kg		90	70 - 130	3	35
o-Xylene	0.100	0.09197		mg/Kg		92	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 890-9239-1 MS
Matrix: Solid
Analysis Batch: 127052

Client Sample ID: CS - 2 (5.25')
Prep Type: Total/NA
Prep Batch: 127064

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00109	U	0.100	0.09994		mg/Kg		100	70 - 130
Toluene	<0.00109	U	0.100	0.09463		mg/Kg		95	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9239-1
SDG: 3054

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

Lab Sample ID: 890-9239-1 MS
Matrix: Solid
Analysis Batch: 127052

Client Sample ID: CS - 2 (5.25')
Prep Type: Total/NA
Prep Batch: 127064

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00109	U	0.100	0.09825		mg/Kg		98	70 - 130
m,p-Xylenes	<0.00219	U	0.200	0.1963		mg/Kg		98	70 - 130
o-Xylene	<0.00109	U	0.100	0.09749		mg/Kg		97	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 890-9239-1 MSD
Matrix: Solid
Analysis Batch: 127052

Client Sample ID: CS - 2 (5.25')
Prep Type: Total/NA
Prep Batch: 127064

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00109	U	0.100	0.1004		mg/Kg		100	70 - 130	0	35
Toluene	<0.00109	U	0.100	0.09523		mg/Kg		95	70 - 130	1	35
Ethylbenzene	<0.00109	U	0.100	0.09911		mg/Kg		99	70 - 130	1	35
m,p-Xylenes	<0.00219	U	0.200	0.1981		mg/Kg		99	70 - 130	1	35
o-Xylene	<0.00109	U	0.100	0.09999		mg/Kg		100	70 - 130	3	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

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

Lab Sample ID: MB 880-127039/1-A
Matrix: Solid
Analysis Batch: 127079

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 127039

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		12/18/25 07:31	12/18/25 10:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/18/25 07:31	12/18/25 10:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/18/25 07:31	12/18/25 10:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*12/18/25 07:31*	*12/18/25 10:35*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*12/18/25 07:31*	*12/18/25 10:35*	*1*

Lab Sample ID: LCS 880-127039/2-A
Matrix: Solid
Analysis Batch: 127079

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 127039

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	916.7		mg/Kg		92	70 - 130
Diesel Range Organics (Over C10-C28)	1000	967.9		mg/Kg		97	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9239-1
SDG: 3054

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

Lab Sample ID: LCS 880-127039/2-A
Matrix: Solid
Analysis Batch: 127079

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 127039

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	112		70 - 130
o-Terphenyl (Surr)	106		70 - 130

Lab Sample ID: LCSD 880-127039/3-A
Matrix: Solid
Analysis Batch: 127079

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 127039

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	892.7		mg/Kg		89	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	973.5		mg/Kg		97	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	112		70 - 130
o-Terphenyl (Surr)	108		70 - 130

Lab Sample ID: 890-9238-A-3-B MS
Matrix: Solid
Analysis Batch: 127079

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 127039

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 F1	999	606.0	F1	mg/Kg		61	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	614.7	F1	mg/Kg		62	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	101		70 - 130
o-Terphenyl (Surr)	99		70 - 130

Lab Sample ID: 890-9238-A-3-C MSD
Matrix: Solid
Analysis Batch: 127079

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 127039

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 F1	999	624.1	F1	mg/Kg		62	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	629.6	F1	mg/Kg		63	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	103		70 - 130
o-Terphenyl (Surr)	99		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9239-1
SDG: 3054

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-127047/1-A
Matrix: Solid
Analysis Batch: 127055

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/18/25 09:42	1

Lab Sample ID: LCS 880-127047/2-A
Matrix: Solid
Analysis Batch: 127055

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	228.8		mg/Kg		92	90 - 110		

Lab Sample ID: LCSD 880-127047/3-A
Matrix: Solid
Analysis Batch: 127055

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	229.3		mg/Kg		92	90 - 110	0	20

Lab Sample ID: 890-9239-5 MS
Matrix: Solid
Analysis Batch: 127055

Client Sample ID: SW - 4 (5.25')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	73.8		251	320.1		mg/Kg		98	90 - 110		

Lab Sample ID: 890-9239-5 MSD
Matrix: Solid
Analysis Batch: 127055

Client Sample ID: SW - 4 (5.25')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	73.8		251	320.1		mg/Kg		98	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9239-1
SDG: 3054

GC VOA

Analysis Batch: 127052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9239-1	CS - 2 (5.25')	Total/NA	Solid	8021B	127064
890-9239-2	CS - 3 (5.25')	Total/NA	Solid	8021B	127064
890-9239-3	CS - 6 (5.25')	Total/NA	Solid	8021B	127064
890-9239-4	SW - 1 (5.25')	Total/NA	Solid	8021B	127064
890-9239-5	SW - 4 (5.25')	Total/NA	Solid	8021B	127064
MB 880-127064/5-A	Method Blank	Total/NA	Solid	8021B	127064
LCS 880-127064/1-A	Lab Control Sample	Total/NA	Solid	8021B	127064
LCSD 880-127064/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	127064
890-9239-1 MS	CS - 2 (5.25')	Total/NA	Solid	8021B	127064
890-9239-1 MSD	CS - 2 (5.25')	Total/NA	Solid	8021B	127064

Prep Batch: 127064

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9239-1	CS - 2 (5.25')	Total/NA	Solid	5035	
890-9239-2	CS - 3 (5.25')	Total/NA	Solid	5035	
890-9239-3	CS - 6 (5.25')	Total/NA	Solid	5035	
890-9239-4	SW - 1 (5.25')	Total/NA	Solid	5035	
890-9239-5	SW - 4 (5.25')	Total/NA	Solid	5035	
MB 880-127064/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-127064/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-127064/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9239-1 MS	CS - 2 (5.25')	Total/NA	Solid	5035	
890-9239-1 MSD	CS - 2 (5.25')	Total/NA	Solid	5035	

Analysis Batch: 127165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9239-1	CS - 2 (5.25')	Total/NA	Solid	Total BTEX	
890-9239-2	CS - 3 (5.25')	Total/NA	Solid	Total BTEX	
890-9239-3	CS - 6 (5.25')	Total/NA	Solid	Total BTEX	
890-9239-4	SW - 1 (5.25')	Total/NA	Solid	Total BTEX	
890-9239-5	SW - 4 (5.25')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 127039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9239-1	CS - 2 (5.25')	Total/NA	Solid	8015NM Prep	
890-9239-2	CS - 3 (5.25')	Total/NA	Solid	8015NM Prep	
890-9239-3	CS - 6 (5.25')	Total/NA	Solid	8015NM Prep	
890-9239-4	SW - 1 (5.25')	Total/NA	Solid	8015NM Prep	
890-9239-5	SW - 4 (5.25')	Total/NA	Solid	8015NM Prep	
MB 880-127039/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-127039/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-127039/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9238-A-3-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9238-A-3-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 127079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9239-1	CS - 2 (5.25')	Total/NA	Solid	8015B NM	127039
890-9239-2	CS - 3 (5.25')	Total/NA	Solid	8015B NM	127039

QC Association Summary

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9239-1
SDG: 3054

GC Semi VOA (Continued)

Analysis Batch: 127079 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9239-3	CS - 6 (5.25')	Total/NA	Solid	8015B NM	127039
890-9239-4	SW - 1 (5.25')	Total/NA	Solid	8015B NM	127039
890-9239-5	SW - 4 (5.25')	Total/NA	Solid	8015B NM	127039
MB 880-127039/1-A	Method Blank	Total/NA	Solid	8015B NM	127039
LCS 880-127039/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	127039
LCSD 880-127039/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	127039
890-9238-A-3-B MS	Matrix Spike	Total/NA	Solid	8015B NM	127039
890-9238-A-3-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	127039

Analysis Batch: 127169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9239-1	CS - 2 (5.25')	Total/NA	Solid	8015 NM	
890-9239-2	CS - 3 (5.25')	Total/NA	Solid	8015 NM	
890-9239-3	CS - 6 (5.25')	Total/NA	Solid	8015 NM	
890-9239-4	SW - 1 (5.25')	Total/NA	Solid	8015 NM	
890-9239-5	SW - 4 (5.25')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 127047

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9239-1	CS - 2 (5.25')	Soluble	Solid	DI Leach	
890-9239-2	CS - 3 (5.25')	Soluble	Solid	DI Leach	
890-9239-3	CS - 6 (5.25')	Soluble	Solid	DI Leach	
890-9239-4	SW - 1 (5.25')	Soluble	Solid	DI Leach	
890-9239-5	SW - 4 (5.25')	Soluble	Solid	DI Leach	
MB 880-127047/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-127047/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-127047/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9239-5 MS	SW - 4 (5.25')	Soluble	Solid	DI Leach	
890-9239-5 MSD	SW - 4 (5.25')	Soluble	Solid	DI Leach	

Analysis Batch: 127055

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9239-1	CS - 2 (5.25')	Soluble	Solid	300.0	127047
890-9239-2	CS - 3 (5.25')	Soluble	Solid	300.0	127047
890-9239-3	CS - 6 (5.25')	Soluble	Solid	300.0	127047
890-9239-4	SW - 1 (5.25')	Soluble	Solid	300.0	127047
890-9239-5	SW - 4 (5.25')	Soluble	Solid	300.0	127047
MB 880-127047/1-A	Method Blank	Soluble	Solid	300.0	127047
LCS 880-127047/2-A	Lab Control Sample	Soluble	Solid	300.0	127047
LCSD 880-127047/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	127047
890-9239-5 MS	SW - 4 (5.25')	Soluble	Solid	300.0	127047
890-9239-5 MSD	SW - 4 (5.25')	Soluble	Solid	300.0	127047

Lab Chronicle

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9239-1
SDG: 3054

Client Sample ID: CS - 2 (5.25')

Lab Sample ID: 890-9239-1
Matrix: Solid
Date Collected: 12/17/25 00:00
Date Received: 12/17/25 14:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9.15 g	5 mL	127064	12/18/25 10:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127052	12/18/25 11:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			127165	12/18/25 11:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			127169	12/18/25 12:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	127039	12/18/25 07:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	127079	12/18/25 12:59	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	127047	12/18/25 08:05	SI	EET MID
Soluble	Analysis	300.0		1			127055	12/18/25 10:46	CS	EET MID

Client Sample ID: CS - 3 (5.25')

Lab Sample ID: 890-9239-2
Matrix: Solid
Date Collected: 12/17/25 00:00
Date Received: 12/17/25 14:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9.29 g	5 mL	127064	12/18/25 10:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127052	12/18/25 11:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			127165	12/18/25 11:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			127169	12/18/25 13:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	127039	12/18/25 07:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	127079	12/18/25 13:14	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	127047	12/18/25 08:05	SI	EET MID
Soluble	Analysis	300.0		1			127055	12/18/25 10:51	CS	EET MID

Client Sample ID: CS - 6 (5.25')

Lab Sample ID: 890-9239-3
Matrix: Solid
Date Collected: 12/17/25 00:00
Date Received: 12/17/25 14:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8.14 g	5 mL	127064	12/18/25 10:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127052	12/18/25 12:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			127165	12/18/25 12:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			127169	12/18/25 13:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	127039	12/18/25 07:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	127079	12/18/25 13:28	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	127047	12/18/25 08:05	SI	EET MID
Soluble	Analysis	300.0		1			127055	12/18/25 10:56	CS	EET MID

Client Sample ID: SW - 1 (5.25')

Lab Sample ID: 890-9239-4
Matrix: Solid
Date Collected: 12/17/25 00:00
Date Received: 12/17/25 14:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8.74 g	5 mL	127064	12/18/25 10:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127052	12/18/25 12:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			127165	12/18/25 12:37	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Job ID: 890-9239-1
Project/Site: CRAZY GOAT CTB (10.27.2025)
SDG: 3054

Client Sample ID: SW - 1 (5.25')
Lab Sample ID: 890-9239-4
Date Collected: 12/17/25 00:00
Matrix: Solid
Date Received: 12/17/25 14:14

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			127169	12/18/25 13:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	127039	12/18/25 07:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	127079	12/18/25 13:42	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	127047	12/18/25 08:05	SI	EET MID
Soluble	Analysis	300.0		1			127055	12/18/25 11:01	CS	EET MID

Client Sample ID: SW - 4 (5.25')
Lab Sample ID: 890-9239-5
Date Collected: 12/17/25 00:00
Matrix: Solid
Date Received: 12/17/25 14:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.4 g	5 mL	127064	12/18/25 10:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127052	12/18/25 12:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			127165	12/18/25 12:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			127169	12/18/25 13:57	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	127039	12/18/25 07:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	127079	12/18/25 13:57	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	127047	12/18/25 08:05	SI	EET MID
Soluble	Analysis	300.0		1			127055	12/18/25 11:06	CS	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
Job ID: 890-9239-1
Project/Site: CRAZY GOAT CTB (10.27.2025)
SDG: 3054

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

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: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9239-1
SDG: 3054

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: CRAZY GOAT CTB (10.27.2025)

Job ID: 890-9239-1
SDG: 3054

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9239-1	CS - 2 (5.25')	Solid	12/17/25 00:00	12/17/25 14:14	New Mexico
890-9239-2	CS - 3 (5.25')	Solid	12/17/25 00:00	12/17/25 14:14	New Mexico
890-9239-3	CS - 6 (5.25')	Solid	12/17/25 00:00	12/17/25 14:14	New Mexico
890-9239-4	SW - 1 (5.25')	Solid	12/17/25 00:00	12/17/25 14:14	New Mexico
890-9239-5	SW - 4 (5.25')	Solid	12/17/25 00:00	12/17/25 14:14	New Mexico

Released to Imaging: 11/22/2025 8:43:19 AM
Received by OCD: 3/16/2026 12:13:19 PM

Chain of Custody

Work Order No: _____

Page 1 of 1

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Crazy Goat CTB (10.27.2025)	Turn Around	☐ Routine ☑ Rush
Project Number:	3054	Due Date:	Same Day
Project Location	Lea County, New Mexico		24 hr
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	Inman
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-11.8
Total Containers:		Corrected Temperature:	-11.6

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	Sample Comments
CS-2 (5.25')	12/17/2025		X		Comp	1			X	X	X		
CS-3 (5.25')	12/17/2025		X		Comp	1			X	X	X		
CS-6 (5.25')	12/17/2025		X		Comp	1			X	X	X		
SW-1 (5.25')	12/17/2025		X		Comp	1			X	X	X		
SW-4 (5.25')	12/17/2025		X		Comp	1			X	X	X		

890-9239 Chain of Custody

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			12-17 14:14

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9239-1
SDG Number: 3054

Login Number: 9239
List Number: 1
Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9239-1
SDG Number: 3054

Login Number: 9239
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 12/18/25 08:28 AM

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

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/29/2025 5:23:04 PM

JOB DESCRIPTION

Crazy Goat CTB (10.27.2025)

JOB NUMBER

880-66493-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 4/16/2026 3:42:39 PM

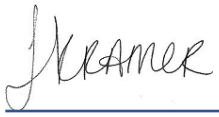
Eurofins Midland

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
12/29/2025 5:23:04 PM

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

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Laboratory Job ID: 880-66493-1

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Definitions/Glossary

Client: Carmona Resources Job ID: 880-66493-1
Project/Site: Crazy Goat CTB (10.27.2025)

Qualifiers

GC 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.

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Crazy Goat CTB (10.27.2025)

Job ID: 880-66493-1

Job ID: 880-66493-1 Eurofins Midland

Job Narrative
880-66493-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The sample was received on 12/23/2025 4:10 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.3°C.

GC VOA
Method 8021B: Surrogate recovery for the following sample was outside control limits: SW-19 (3.0'-5.0') (880-66493-1). 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.

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (880-66397-A-171-F 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
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Carmona Resources
Job ID: 880-66493-1
Project/Site: Crazy Goat CTB (10.27.2025)

Client Sample ID: SW-19 (3.0'-5.0') **Lab Sample ID: 880-66493-1**
Date Collected: 12/19/25 00:00 **Matrix: Solid**
Date Received: 12/23/25 16:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F2 F1	0.00200		mg/Kg		12/29/25 09:16	12/29/25 12:19	1
Toluene	<0.00200	U F2 F1	0.00200		mg/Kg		12/29/25 09:16	12/29/25 12:19	1
Ethylbenzene	<0.00200	U F2 F1	0.00200		mg/Kg		12/29/25 09:16	12/29/25 12:19	1
m,p-Xylenes	<0.00399	U F2 F1	0.00399		mg/Kg		12/29/25 09:16	12/29/25 12:19	1
o-Xylene	<0.00200	U F2 F1	0.00200		mg/Kg		12/29/25 09:16	12/29/25 12:19	1
Xylenes, Total	<0.00399	U F2 F1	0.00399		mg/Kg		12/29/25 09:16	12/29/25 12:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*135*	*S1+*	*70 - 130*	*12/29/25 09:16*	*12/29/25 12:19*	*1*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*	*12/29/25 09:16*	*12/29/25 12:19*	*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			12/29/25 12:19	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			12/29/25 11:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/22/25 08:27	12/29/25 11:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/22/25 08:27	12/29/25 11:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/22/25 08:27	12/29/25 11:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*12/22/25 08:27*	*12/29/25 11:50*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*12/22/25 08:27*	*12/29/25 11:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.1**		10.0		mg/Kg			12/26/25 12:20	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66493-1

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-66493-1	SW-19 (3.0'-5.0')	135 S1+	116
880-66493-1 MS	SW-19 (3.0'-5.0')	102	105
880-66493-1 MSD	SW-19 (3.0'-5.0')	97	91
LCS 880-127810/1-A	Lab Control Sample	115	105
LCSD 880-127810/2-A	Lab Control Sample Dup	98	104
MB 880-127810/5-A	Method Blank	116	104

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)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-66397-A-171-E MS	Matrix Spike	117	114
880-66397-A-171-F MSD	Matrix Spike Duplicate	135 S1+	131 S1+
880-66493-1	SW-19 (3.0'-5.0')	107	114
LCS 880-127375/2-A	Lab Control Sample	109	107
LCSD 880-127375/3-A	Lab Control Sample Dup	109	107
MB 880-127375/1-A	Method Blank	97	105

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Job ID: 880-66493-1
Project/Site: Crazy Goat CTB (10.27.2025)

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-127810/5-A
Matrix: Solid
Analysis Batch: 127800

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 127810

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/29/25 09:16	12/29/25 11:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/29/25 09:16	12/29/25 11:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/29/25 09:16	12/29/25 11:57	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		12/29/25 09:16	12/29/25 11:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/29/25 09:16	12/29/25 11:57	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/29/25 09:16	12/29/25 11:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*12/29/25 09:16*	*12/29/25 11:57*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*12/29/25 09:16*	*12/29/25 11:57*	*1*

Lab Sample ID: LCS 880-127810/1-A
Matrix: Solid
Analysis Batch: 127800

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 127810

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08927		mg/Kg		89	70 - 130
Toluene	0.100	0.08614		mg/Kg		86	70 - 130
Ethylbenzene	0.100	0.08728		mg/Kg		87	70 - 130
m,p-Xylenes	0.200	0.1851		mg/Kg		93	70 - 130
o-Xylene	0.100	0.09047		mg/Kg		90	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: LCSD 880-127810/2-A
Matrix: Solid
Analysis Batch: 127800

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 127810

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09782		mg/Kg		98	70 - 130	9	35
Toluene	0.100	0.09734		mg/Kg		97	70 - 130	12	35
Ethylbenzene	0.100	0.09376		mg/Kg		94	70 - 130	7	35
m,p-Xylenes	0.200	0.1918		mg/Kg		96	70 - 130	4	35
o-Xylene	0.100	0.09211		mg/Kg		92	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: 880-66493-1 MS
Matrix: Solid
Analysis Batch: 127800

Client Sample ID: SW-19 (3.0'-5.0')
Prep Type: Total/NA
Prep Batch: 127810

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F2 F1	0.100	0.1215		mg/Kg		122	70 - 130
Toluene	<0.00200	U F2 F1	0.100	0.1189		mg/Kg		119	70 - 130

QC Sample Results

Client: Carmona Resources
Job ID: 880-66493-1
Project/Site: Crazy Goat CTB (10.27.2025)

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

Lab Sample ID: 880-66493-1 MS — **Client Sample ID: SW-19 (3.0'-5.0')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 127800 — **Prep Batch: 127810**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U F2 F1	0.100	0.1226		mg/Kg		123	70 - 130
m,p-Xylenes	<0.00399	U F2 F1	0.200	0.2545		mg/Kg		127	70 - 130
o-Xylene	<0.00200	U F2 F1	0.100	0.1219		mg/Kg		122	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: 880-66493-1 MSD — **Client Sample ID: SW-19 (3.0'-5.0')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 127800 — **Prep Batch: 127810**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F2 F1	0.100	0.1006		mg/Kg		101	70 - 130	19	35
Toluene	<0.00200	U F2 F1	0.100	0.09878		mg/Kg		99	70 - 130	18	35
Ethylbenzene	<0.00200	U F2 F1	0.100	0.1034		mg/Kg		103	70 - 130	17	35
m,p-Xylenes	<0.00399	U F2 F1	0.200	0.2118		mg/Kg		106	70 - 130	18	35
o-Xylene	<0.00200	U F2 F1	0.100	0.1002		mg/Kg		100	70 - 130	20	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

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

Lab Sample ID: MB 880-127375/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 127816 — **Prep Batch: 127375**

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		12/22/25 08:27	12/29/25 09:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/22/25 08:27	12/29/25 09:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/22/25 08:27	12/29/25 09:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*12/22/25 08:27*	*12/29/25 09:30*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*12/22/25 08:27*	*12/29/25 09:30*	*1*

Lab Sample ID: LCS 880-127375/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 127816 — **Prep Batch: 127375**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	865.0		mg/Kg		86	70 - 130
Diesel Range Organics (Over C10-C28)	1000	812.0		mg/Kg		81	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66493-1

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

Lab Sample ID: LCS 880-127375/2-A
Matrix: Solid
Analysis Batch: 127816

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 127375

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	109		70 - 130
o-Terphenyl (Surr)	107		70 - 130

Lab Sample ID: LCSD 880-127375/3-A
Matrix: Solid
Analysis Batch: 127816

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 127375

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	857.1		mg/Kg		86	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	824.8		mg/Kg		82	70 - 130	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	109		70 - 130
o-Terphenyl (Surr)	107		70 - 130

Lab Sample ID: 880-66397-A-171-E MS
Matrix: Solid
Analysis Batch: 127816

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 127375

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	764.6		mg/Kg		77	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	999	722.9		mg/Kg		72	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	117		70 - 130
o-Terphenyl (Surr)	114		70 - 130

Lab Sample ID: 880-66397-A-171-F MSD
Matrix: Solid
Analysis Batch: 127816

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 127375

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	907.7		mg/Kg		91	70 - 130	17	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	824.0		mg/Kg		82	70 - 130	13	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	135	S1+	70 - 130
o-Terphenyl (Surr)	131	S1+	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Crazy Goat CTB (10.27.2025)

Job ID: 880-66493-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-127684/1-A
Matrix: Solid
Analysis Batch: 127700

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/26/25 11:35	1

Lab Sample ID: LCS 880-127684/2-A
Matrix: Solid
Analysis Batch: 127700

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	242.5		mg/Kg		97	90 - 110		

Lab Sample ID: LCSD 880-127684/3-A
Matrix: Solid
Analysis Batch: 127700

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	242.2		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-66495-A-1-B MS
Matrix: Solid
Analysis Batch: 127700

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	416		250	673.2		mg/Kg		103	90 - 110		

Lab Sample ID: 880-66495-A-1-E MSD
Matrix: Solid
Analysis Batch: 127700

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	416		250	672.7		mg/Kg		103	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Job ID: 880-66493-1
Project/Site: Crazy Goat CTB (10.27.2025)

GC VOA

Analysis Batch: 127800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66493-1	SW-19 (3.0'-5.0')	Total/NA	Solid	8021B	127810
MB 880-127810/5-A	Method Blank	Total/NA	Solid	8021B	127810
LCS 880-127810/1-A	Lab Control Sample	Total/NA	Solid	8021B	127810
LCSD 880-127810/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	127810
880-66493-1 MS	SW-19 (3.0'-5.0')	Total/NA	Solid	8021B	127810
880-66493-1 MSD	SW-19 (3.0'-5.0')	Total/NA	Solid	8021B	127810

Prep Batch: 127810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66493-1	SW-19 (3.0'-5.0')	Total/NA	Solid	5035	
MB 880-127810/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-127810/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-127810/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-66493-1 MS	SW-19 (3.0'-5.0')	Total/NA	Solid	5035	
880-66493-1 MSD	SW-19 (3.0'-5.0')	Total/NA	Solid	5035	

Analysis Batch: 127865

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66493-1	SW-19 (3.0'-5.0')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 127375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66493-1	SW-19 (3.0'-5.0')	Total/NA	Solid	8015NM Prep	
MB 880-127375/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-127375/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-127375/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-66397-A-171-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-66397-A-171-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 127816

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66493-1	SW-19 (3.0'-5.0')	Total/NA	Solid	8015B NM	127375
MB 880-127375/1-A	Method Blank	Total/NA	Solid	8015B NM	127375
LCS 880-127375/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	127375
LCSD 880-127375/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	127375
880-66397-A-171-E MS	Matrix Spike	Total/NA	Solid	8015B NM	127375
880-66397-A-171-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	127375

Analysis Batch: 127867

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66493-1	SW-19 (3.0'-5.0')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 127684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66493-1	SW-19 (3.0'-5.0')	Soluble	Solid	DI Leach	
MB 880-127684/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-127684/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-127684/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Job ID: 880-66493-1
Project/Site: Crazy Goat CTB (10.27.2025)

HPLC/IC (Continued)

Leach Batch: 127684 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66495-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-66495-A-1-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 127700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66493-1	SW-19 (3.0'-5.0')	Soluble	Solid	300.0	127684
MB 880-127684/1-A	Method Blank	Soluble	Solid	300.0	127684
LCS 880-127684/2-A	Lab Control Sample	Soluble	Solid	300.0	127684
LCSD 880-127684/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	127684
880-66495-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	127684
880-66495-A-1-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	127684

Lab Chronicle

Client: Carmona Resources
Job ID: 880-66493-1
Project/Site: Crazy Goat CTB (10.27.2025)

Client Sample ID: SW-19 (3.0'-5.0')
Lab Sample ID: 880-66493-1
Date Collected: 12/19/25 00:00
Matrix: Solid
Date Received: 12/23/25 16:10

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	127810	12/29/25 09:16	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127800	12/29/25 12:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			127865	12/29/25 12:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			127867	12/29/25 11:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	127375	12/22/25 08:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	127816	12/29/25 11:50	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	127684	12/26/25 09:26	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	127700	12/26/25 12:20	CS	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
Job ID: 880-66493-1
Project/Site: Crazy Goat CTB (10.27.2025)

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

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
Job ID: 880-66493-1
Project/Site: Crazy Goat CTB (10.27.2025)

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

Job ID: 880-66493-1

Project/Site: Crazy Goat CTB (10.27.2025)

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-66493-1	SW-19 (3.0'-5.0')	Solid	12/19/25 00:00	12/23/25 16:10	New Mexico

Released to Imaging: 4/16/2026 3:42:59 PM
Received by OCD: 3/16/2026 12:13:19 PM

Chain of Custody

880-66493 Chain of Custody

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Crazy Goat CTB (10.27.2025)	Turn Around	
Project Number:	3054	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	48 hr
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:	328	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-.9	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	1.4	
Total Containers:		Corrected Temperature:	1.3	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	Sample Comments
SW-19 (3.0'-5.0')	12/19/2025		X		Comp	1		X	X	X		

Parameters

ANALYSIS REQUEST

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			12/23/25 1610

Login Sample Receipt Checklist

Client: Carmona Resources Job Number: 880-66493-1

Login Number: 66493 **List Source: Eurofins Midland**
List Number: 1
Creator: Vasquez, Julisa

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

CARDINAL Laboratories

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February 27, 2026

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: CRAZY GOAT CTB (10.27.2025)

Enclosed are the results of analyses for samples received by the laboratory on 02/26/26 15:26.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Total Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRAZY GOAT CTB (10.27.2025) Project Number: 3054 Project Manager: ASHTON THIELKE Fax To:	Reported: 27-Feb-26 11:45

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS - 19 (5.25')	H261105-01	Soil	26-Feb-26 00:00	26-Feb-26 15:26
CS - 21 (5.25')	H261105-02	Soil	26-Feb-26 00:00	26-Feb-26 15:26
CS - 22 (5.25')	H261105-03	Soil	26-Feb-26 00:00	26-Feb-26 15:26
CS - 24 (5.25')	H261105-04	Soil	26-Feb-26 00:00	26-Feb-26 15:26
CS - 25 (5.25')	H261105-05	Soil	26-Feb-26 00:00	26-Feb-26 15:26
CS - 26 (5.25')	H261105-06	Soil	26-Feb-26 00:00	26-Feb-26 15:26
CS - 28 (5.25')	H261105-07	Soil	26-Feb-26 00:00	26-Feb-26 15:26

CASE NARRATIVE:

No lot numbers on the sample containers for traceability.

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRAZY GOAT CTB (10.27.2025) Project Number: 3054 Project Manager: ASHTON THIELKE Fax To:	Reported: 27-Feb-26 11:45

CS - 19 (5.25')

H261105-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**64.0**		16.0	mg/kg	4	6022626	AC	27-Feb-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6022629	JH	26-Feb-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6022629	JH	26-Feb-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6022629	JH	26-Feb-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6022629	JH	26-Feb-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6022629	JH	26-Feb-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*93.3 %*	*70.4-141*		*6022629*	JH	*26-Feb-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6022628	JF	26-Feb-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6022628	JF	26-Feb-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6022628	JF	26-Feb-26	8015B	
Surrogate: 1-Chlorooctane			*79.5 %*	*52.4-130*		*6022628*	JF	*26-Feb-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*86.0 %*	*39.9-141*		*6022628*	JF	*26-Feb-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRAZY GOAT CTB (10.27.2025) Project Number: 3054 Project Manager: ASHTON THIELKE Fax To:	Reported: 27-Feb-26 11:45

CS - 21 (5.25')

H261105-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**80.0**		16.0	mg/kg	4	6022626	AC	27-Feb-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6022629	JH	26-Feb-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6022629	JH	26-Feb-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6022629	JH	26-Feb-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6022629	JH	26-Feb-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6022629	JH	26-Feb-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*91.2 %*	*70.4-141*		*6022629*	JH	*26-Feb-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6022628	JF	26-Feb-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6022628	JF	26-Feb-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6022628	JF	26-Feb-26	8015B	
Surrogate: 1-Chlorooctane			*82.6 %*	*52.4-130*		*6022628*	JF	*26-Feb-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*87.2 %*	*39.9-141*		*6022628*	JF	*26-Feb-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRAZY GOAT CTB (10.27.2025) Project Number: 3054 Project Manager: ASHTON THIELKE Fax To:	Reported: 27-Feb-26 11:45

CS - 22 (5.25')

H261105-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**80.0**		16.0	mg/kg	4	6022626	AC	27-Feb-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6022629	JH	26-Feb-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6022629	JH	26-Feb-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6022629	JH	26-Feb-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6022629	JH	26-Feb-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6022629	JH	26-Feb-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*92.1 %*	*70.4-141*		*6022629*	JH	*26-Feb-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6022628	JF	26-Feb-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6022628	JF	26-Feb-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6022628	JF	26-Feb-26	8015B	
Surrogate: 1-Chlorooctane			*85.3 %*	*52.4-130*		*6022628*	JF	*26-Feb-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*89.3 %*	*39.9-141*		*6022628*	JF	*26-Feb-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRAZY GOAT CTB (10.27.2025) Project Number: 3054 Project Manager: ASHTON THIELKE Fax To:	Reported: 27-Feb-26 11:45

CS - 24 (5.25')

H261105-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**80.0**		16.0	mg/kg	4	6022626	AC	27-Feb-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6022629	JH	26-Feb-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6022629	JH	26-Feb-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6022629	JH	26-Feb-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6022629	JH	26-Feb-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6022629	JH	26-Feb-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*90.8 %*	*70.4-141*		*6022629*	JH	*26-Feb-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6022628	JF	26-Feb-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6022628	JF	26-Feb-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6022628	JF	26-Feb-26	8015B	
Surrogate: 1-Chlorooctane			*85.7 %*	*52.4-130*		*6022628*	JF	*26-Feb-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*89.1 %*	*39.9-141*		*6022628*	JF	*26-Feb-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRAZY GOAT CTB (10.27.2025) Project Number: 3054 Project Manager: ASHTON THIELKE Fax To:	Reported: 27-Feb-26 11:45

CS - 25 (5.25')

H261105-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**80.0**		16.0	mg/kg	4	6022626	AC	27-Feb-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6022629	JH	26-Feb-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6022629	JH	26-Feb-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6022629	JH	26-Feb-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6022629	JH	26-Feb-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6022629	JH	26-Feb-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*91.9 %*	*70.4-141*		*6022629*	JH	*26-Feb-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6022628	JF	26-Feb-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6022628	JF	26-Feb-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6022628	JF	26-Feb-26	8015B	
Surrogate: 1-Chlorooctane			*82.9 %*	*52.4-130*		*6022628*	JF	*26-Feb-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*84.3 %*	*39.9-141*		*6022628*	JF	*26-Feb-26*	*8015B*	

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRAZY GOAT CTB (10.27.2025) Project Number: 3054 Project Manager: ASHTON THIELKE Fax To:	Reported: 27-Feb-26 11:45

CS - 26 (5.25')

H261105-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**80.0**		16.0	mg/kg	4	6022626	AC	27-Feb-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6022629	JH	26-Feb-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6022629	JH	26-Feb-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6022629	JH	26-Feb-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6022629	JH	26-Feb-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6022629	JH	26-Feb-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*91.7 %*	*70.4-141*		*6022629*	JH	*26-Feb-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6022628	JF	26-Feb-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6022628	JF	26-Feb-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6022628	JF	26-Feb-26	8015B	
Surrogate: 1-Chlorooctane			*76.1 %*	*52.4-130*		*6022628*	JF	*26-Feb-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*76.8 %*	*39.9-141*		*6022628*	JF	*26-Feb-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRAZY GOAT CTB (10.27.2025) Project Number: 3054 Project Manager: ASHTON THIELKE Fax To:	Reported: 27-Feb-26 11:45

CS - 28 (5.25')

H261105-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**80.0**		16.0	mg/kg	4	6022626	AC	27-Feb-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6022629	JH	26-Feb-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6022629	JH	26-Feb-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6022629	JH	26-Feb-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6022629	JH	26-Feb-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6022629	JH	26-Feb-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*91.4 %*	*70.4-141*		*6022629*	JH	*26-Feb-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6022628	JF	26-Feb-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6022628	JF	26-Feb-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6022628	JF	26-Feb-26	8015B	
Surrogate: 1-Chlorooctane			*87.2 %*	*52.4-130*		*6022628*	JF	*26-Feb-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*87.6 %*	*39.9-141*		*6022628*	JF	*26-Feb-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRAZY GOAT CTB (10.27.2025) Project Number: 3054 Project Manager: ASHTON THIELKE Fax To:	Reported: 27-Feb-26 11:45

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6022626 - 1:4 DI Water										
Blank (6022626-BLK1)				Prepared & Analyzed: 26-Feb-26						
Chloride	ND	16.0	mg/kg							
LCS (6022626-BS1)				Prepared & Analyzed: 26-Feb-26						
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (6022626-BSD1)				Prepared & Analyzed: 26-Feb-26						
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRAZY GOAT CTB (10.27.2025) Project Number: 3054 Project Manager: ASHTON THIELKE Fax To:	Reported: 27-Feb-26 11:45

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6022629 - Volatiles										
Blank (6022629-BLK1)				Prepared & Analyzed: 26-Feb-26						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*ND*		mg/kg	*0.0500*		*91.6*	*70.4-141*			
LCS (6022629-BS1)				Prepared & Analyzed: 26-Feb-26						
Benzene	1.93	0.050	mg/kg	2.00		96.7	71-111			
Toluene	1.69	0.050	mg/kg	2.00		84.7	75-116			
Ethylbenzene	1.66	0.050	mg/kg	2.00		83.0	74.2-119			
m,p-Xylene	3.21	0.100	mg/kg	4.00		80.3	72.5-123			
o-Xylene	1.61	0.050	mg/kg	2.00		80.6	70.5-124			
Total Xylenes	4.83	0.150	mg/kg	6.00		80.4	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0450*		mg/kg	*0.0500*		*89.9*	*70.4-141*			
LCS Dup (6022629-BSD1)				Prepared & Analyzed: 26-Feb-26						
Benzene	1.96	0.050	mg/kg	2.00		98.1	71-111	1.38	17.6	
Toluene	1.73	0.050	mg/kg	2.00		86.5	75-116	2.03	14.8	
Ethylbenzene	1.70	0.050	mg/kg	2.00		84.8	74.2-119	2.11	14.2	
m,p-Xylene	3.28	0.100	mg/kg	4.00		82.1	72.5-123	2.13	13.6	
o-Xylene	1.65	0.050	mg/kg	2.00		82.4	70.5-124	2.20	13.7	
Total Xylenes	4.93	0.150	mg/kg	6.00		82.2	72.2-123	2.15	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0451*		mg/kg	*0.0500*		*90.2*	*70.4-141*			

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRAZY GOAT CTB (10.27.2025) Project Number: 3054 Project Manager: ASHTON THIELKE Fax To:	Reported: 27-Feb-26 11:45

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6022628 - General Prep - Organics										
Blank (6022628-BLK1)				Prepared & Analyzed: 26-Feb-26						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*45.3*		mg/kg	*50.0*		*90.6*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*49.8*		mg/kg	*50.0*		*99.5*	*39.9-141*			
LCS (6022628-BS1)				Prepared & Analyzed: 26-Feb-26						
GRO C6-C10	208	10.0	mg/kg	200		104	78.7-123			
DRO >C10-C28	205	10.0	mg/kg	200		102	74.8-123			
Total TPH C6-C28	413	10.0	mg/kg	400		103	78.6-121			
Surrogate: 1-Chlorooctane	*52.9*		mg/kg	*50.0*		*106*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*51.3*		mg/kg	*50.0*		*103*	*39.9-141*			
LCS Dup (6022628-BSD1)				Prepared & Analyzed: 26-Feb-26						
GRO C6-C10	210	10.0	mg/kg	200		105	78.7-123	1.20	11.3	
DRO >C10-C28	213	10.0	mg/kg	200		106	74.8-123	3.73	10.9	
Total TPH C6-C28	423	10.0	mg/kg	400		106	78.6-121	2.46	10.5	
Surrogate: 1-Chlorooctane	*48.8*		mg/kg	*50.0*		*97.5*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*51.1*		mg/kg	*50.0*		*102*	*39.9-141*			

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Page 335 of 364

Chain of Custody

Work Order No: H26 1105

Page 1 of 1

Project Manager:	Ashton Thielke	Bill to: (if different)	Noah Tinker
Company Name:	Carmona Resources	Company Name:	BTA Oil Producers, LLC
Address:	310 W Wall St Ste 500	Address:	104 S Pecos St.
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	ntinker@btaoil.com & ThielkeA@carmonaresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Crazy Goat CTB (10.27.2025)	Turn Around	☐ Routine ☑ Rush
Project Number:	3054	Due Date:	24 hr
Project Location	Lea County, New Mexico		
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)
Received Intact:	(Yes) No	Thermometer ID:	#140
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	+0.1°c
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	1.3
Total Containers:		Corrected Temperature:	1.4

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Hold	Sample Comments
1	CS-19 (5.25')	2/26/2026		X		Comp	1		X	X	X		
2	CS-21 (5.25')	2/26/2026		X		Comp	1		X	X	X		
3	CS-22 (5.25')	2/26/2026		X		Comp	1		X	X	X		
4	CS-24 (5.25')	2/26/2026		X		Comp	1		X	X	X		
5	CS-25 (5.25')	2/26/2026		X		Comp	1		X	X	X		
6	CS-26 (5.25')	2/26/2026		X		Comp	1		X	X	X		
7	CS-28 (5.25')	2/26/2026		X		Comp	1		X	X	X		

Parameters

Comments: NO labels

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
		Tamara Wallace	2.26.26 1500

Received by OCD: 3/16/2026 12:13:19 PM

Released to Imaging: 4/16/2026 3:42:59 PM

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/16/2025 3:48:36 PM

JOB DESCRIPTION

CRAZY GOAT CTB(10.27..2025)
3054

JOB NUMBER

890-9214-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Released to Imaging: 4/16/2026 3:42:39 PM

my EOL

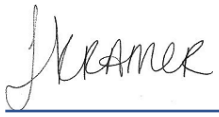
Eurofins Carlsbad

Job Notes

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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
12/16/2025 3:48:36 PM

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

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB(10.27..2025)

Laboratory Job ID: 890-9214-1
SDG: 3054

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Definitions/Glossary

Client: Carmona Resources Job ID: 890-9214-1
Project/Site: CRAZY GOAT CTB(10.27..2025) SDG: 3054

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: CRAZY GOAT CTB(10.27..2025)

Job ID: 890-9214-1

Job ID: 890-9214-1 Eurofins Carlsbad

Job Narrative
890-9214-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The sample was received on 12/11/2025 2:17 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -7.2°C.

Receipt Exceptions
The following samples analyzed for method <FRACTION_METHOD> were received and analyzed from an unpreserved bulk soil jar: BACKFILL SAMPLE (890-9214-1).

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

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-126564/2-A) and (LCSD 880-126564/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (890-9214-A-1-F MS). 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
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB(10.27..2025)

Job ID: 890-9214-1
SDG: 3054

Client Sample ID: BACKFILL SAMPLE

Date Collected: 12/11/25 00:00
Date Received: 12/11/25 14:17

Lab Sample ID: 890-9214-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/12/25 13:21	12/13/25 15:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/25 13:21	12/13/25 15:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/25 13:21	12/13/25 15:08	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		12/12/25 13:21	12/13/25 15:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/25 13:21	12/13/25 15:08	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/12/25 13:21	12/13/25 15:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*12/12/25 13:21*	*12/13/25 15:08*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*12/12/25 13:21*	*12/13/25 15:08*	*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			12/13/25 15:08	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			12/15/25 17:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/12/25 15:46	12/15/25 17:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/12/25 15:46	12/15/25 17:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/12/25 15:46	12/15/25 17:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*122*		*70 - 130*	*12/12/25 15:46*	*12/15/25 17:15*	*1*
o-Terphenyl (Surr)	*122*		*70 - 130*	*12/12/25 15:46*	*12/15/25 17:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**101**		10.1		mg/Kg			12/15/25 13:14	1

Surrogate Summary

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB(10.27..2025)

Job ID: 890-9214-1
SDG: 3054

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
		BFB1	DFBZ1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
890-9214-1	BACKFILL SAMPLE	107	90										
890-9214-1 MS	BACKFILL SAMPLE	91	107										
890-9214-1 MSD	BACKFILL SAMPLE	93	98										
LCS 880-126523/1-A	Lab Control Sample	95	93										
LCSD 880-126523/2-A	Lab Control Sample Dup	95	95										
MB 880-126523/5-A	Method Blank	99	85										

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)											
		1CO1	OTPH1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
890-9214-1	BACKFILL SAMPLE	122	122										
890-9214-1 MS	BACKFILL SAMPLE	128	134 S1+										
890-9214-1 MSD	BACKFILL SAMPLE	113	116										
LCS 880-126564/2-A	Lab Control Sample	133 S1+	147 S1+										
LCSD 880-126564/3-A	Lab Control Sample Dup	129	136 S1+										
MB 880-126564/1-A	Method Blank	123	113										

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB(10.27..2025)

Job ID: 890-9214-1
SDG: 3054

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-126523/5-A
Matrix: Solid
Analysis Batch: 126592

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 126523

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/12/25 13:21	12/13/25 14:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/25 13:21	12/13/25 14:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/25 13:21	12/13/25 14:46	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		12/12/25 13:21	12/13/25 14:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/25 13:21	12/13/25 14:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/12/25 13:21	12/13/25 14:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*12/12/25 13:21*	*12/13/25 14:46*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*12/12/25 13:21*	*12/13/25 14:46*	*1*

Lab Sample ID: LCS 880-126523/1-A
Matrix: Solid
Analysis Batch: 126592

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 126523

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09816		mg/Kg		98	70 - 130
Toluene	0.100	0.09577		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.09741		mg/Kg		97	70 - 130
m,p-Xylenes	0.200	0.1962		mg/Kg		98	70 - 130
o-Xylene	0.100	0.09364		mg/Kg		94	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: LCSD 880-126523/2-A
Matrix: Solid
Analysis Batch: 126592

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 126523

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09262		mg/Kg		93	70 - 130	6	35
Toluene	0.100	0.09910		mg/Kg		99	70 - 130	3	35
Ethylbenzene	0.100	0.1052		mg/Kg		105	70 - 130	8	35
m,p-Xylenes	0.200	0.2054		mg/Kg		103	70 - 130	5	35
o-Xylene	0.100	0.09838		mg/Kg		98	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: 890-9214-1 MS
Matrix: Solid
Analysis Batch: 126592

Client Sample ID: BACKFILL SAMPLE
Prep Type: Total/NA
Prep Batch: 126523

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08693		mg/Kg		87	70 - 130
Toluene	<0.00200	U	0.100	0.07637		mg/Kg		76	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB(10.27..2025)

Job ID: 890-9214-1
SDG: 3054

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

Lab Sample ID: 890-9214-1 MS
Matrix: Solid
Analysis Batch: 126592

Client Sample ID: BACKFILL SAMPLE
Prep Type: Total/NA
Prep Batch: 126523

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.08817		mg/Kg		88	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1774		mg/Kg		89	70 - 130
o-Xylene	<0.00200	U	0.100	0.08829		mg/Kg		88	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: 890-9214-1 MSD
Matrix: Solid
Analysis Batch: 126592

Client Sample ID: BACKFILL SAMPLE
Prep Type: Total/NA
Prep Batch: 126523

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08262		mg/Kg		83	70 - 130	5	35
Toluene	<0.00200	U	0.100	0.07343		mg/Kg		73	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.100	0.07944		mg/Kg		79	70 - 130	10	35
m,p-Xylenes	<0.00399	U	0.200	0.1576		mg/Kg		79	70 - 130	12	35
o-Xylene	<0.00200	U	0.100	0.08066		mg/Kg		81	70 - 130	9	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

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

Lab Sample ID: MB 880-126564/1-A
Matrix: Solid
Analysis Batch: 126715

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 126564

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		12/12/25 15:46	12/15/25 13:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/12/25 15:46	12/15/25 13:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/25 15:46	12/15/25 13:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*123*		*70 - 130*	*12/12/25 15:46*	*12/15/25 13:49*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*12/12/25 15:46*	*12/15/25 13:49*	*1*

Lab Sample ID: LCS 880-126564/2-A
Matrix: Solid
Analysis Batch: 126715

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 126564

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1023		mg/Kg		102	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1204		mg/Kg		120	70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB(10.27..2025)

Job ID: 890-9214-1
SDG: 3054

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

Lab Sample ID: LCS 880-126564/2-A
Matrix: Solid
Analysis Batch: 126715

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 126564

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	133	S1+	70 - 130
o-Terphenyl (Surr)	147	S1+	70 - 130

Lab Sample ID: LCSD 880-126564/3-A
Matrix: Solid
Analysis Batch: 126715

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 126564

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1012		mg/Kg		101	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1159		mg/Kg		116	70 - 130	4	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	129		70 - 130
o-Terphenyl (Surr)	136	S1+	70 - 130

Lab Sample ID: 890-9214-1 MS
Matrix: Solid
Analysis Batch: 126715

Client Sample ID: BACKFILL SAMPLE
Prep Type: Total/NA
Prep Batch: 126564

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	902.8		mg/Kg		90	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	915.0		mg/Kg		92	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	128		70 - 130
o-Terphenyl (Surr)	134	S1+	70 - 130

Lab Sample ID: 890-9214-1 MSD
Matrix: Solid
Analysis Batch: 126715

Client Sample ID: BACKFILL SAMPLE
Prep Type: Total/NA
Prep Batch: 126564

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	849.0		mg/Kg		85	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	788.6		mg/Kg		79	70 - 130	15	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	113		70 - 130
o-Terphenyl (Surr)	116		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB(10.27..2025)

Job ID: 890-9214-1
SDG: 3054

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-126530/1-A
Matrix: Solid
Analysis Batch: 126535

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/15/25 12:40	1

Lab Sample ID: LCS 880-126530/2-A
Matrix: Solid
Analysis Batch: 126535

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	235.7		mg/Kg		94	90 - 110		

Lab Sample ID: LCSD 880-126530/3-A
Matrix: Solid
Analysis Batch: 126535

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	236.4		mg/Kg		95	90 - 110	0	20

Lab Sample ID: 880-66073-A-1-C MS
Matrix: Solid
Analysis Batch: 126535

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	10.1		253	252.7		mg/Kg		96	90 - 110		

Lab Sample ID: 880-66073-A-1-D MSD
Matrix: Solid
Analysis Batch: 126535

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	10.1		253	252.7		mg/Kg		96	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB(10.27..2025)

Job ID: 890-9214-1
SDG: 3054

GC VOA

Prep Batch: 126523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9214-1	BACKFILL SAMPLE	Total/NA	Solid	5035	
MB 880-126523/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-126523/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-126523/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9214-1 MS	BACKFILL SAMPLE	Total/NA	Solid	5035	
890-9214-1 MSD	BACKFILL SAMPLE	Total/NA	Solid	5035	

Analysis Batch: 126592

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9214-1	BACKFILL SAMPLE	Total/NA	Solid	8021B	126523
MB 880-126523/5-A	Method Blank	Total/NA	Solid	8021B	126523
LCS 880-126523/1-A	Lab Control Sample	Total/NA	Solid	8021B	126523
LCSD 880-126523/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	126523
890-9214-1 MS	BACKFILL SAMPLE	Total/NA	Solid	8021B	126523
890-9214-1 MSD	BACKFILL SAMPLE	Total/NA	Solid	8021B	126523

Analysis Batch: 126706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9214-1	BACKFILL SAMPLE	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 126564

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9214-1	BACKFILL SAMPLE	Total/NA	Solid	8015NM Prep	
MB 880-126564/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-126564/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-126564/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9214-1 MS	BACKFILL SAMPLE	Total/NA	Solid	8015NM Prep	
890-9214-1 MSD	BACKFILL SAMPLE	Total/NA	Solid	8015NM Prep	

Analysis Batch: 126715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9214-1	BACKFILL SAMPLE	Total/NA	Solid	8015B NM	126564
MB 880-126564/1-A	Method Blank	Total/NA	Solid	8015B NM	126564
LCS 880-126564/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	126564
LCSD 880-126564/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	126564
890-9214-1 MS	BACKFILL SAMPLE	Total/NA	Solid	8015B NM	126564
890-9214-1 MSD	BACKFILL SAMPLE	Total/NA	Solid	8015B NM	126564

Analysis Batch: 126893

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9214-1	BACKFILL SAMPLE	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 126530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9214-1	BACKFILL SAMPLE	Soluble	Solid	DI Leach	
MB 880-126530/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-126530/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-126530/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: CRAZY GOAT CTB(10.27..2025)

Job ID: 890-9214-1
SDG: 3054

HPLC/IC (Continued)

Leach Batch: 126530 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66073-A-1-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-66073-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 126535

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9214-1	BACKFILL SAMPLE	Soluble	Solid	300.0	126530
MB 880-126530/1-A	Method Blank	Soluble	Solid	300.0	126530
LCS 880-126530/2-A	Lab Control Sample	Soluble	Solid	300.0	126530
LCSD 880-126530/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	126530
880-66073-A-1-C MS	Matrix Spike	Soluble	Solid	300.0	126530
880-66073-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	126530

Lab Chronicle

Client: Carmona Resources
Job ID: 890-9214-1
Project/Site: CRAZY GOAT CTB(10.27..2025)
SDG: 3054

Client Sample ID: BACKFILL SAMPLE
Lab Sample ID: 890-9214-1

Date Collected: 12/11/25 00:00
Matrix: Solid

Date Received: 12/11/25 14:17

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	126523	12/12/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126592	12/13/25 15:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126706	12/13/25 15:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			126893	12/15/25 17:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	126564	12/12/25 15:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126715	12/15/25 17:15	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	126530	12/12/25 13:42	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	126535	12/15/25 13:14	CS	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
Job ID: 890-9214-1
Project/Site: CRAZY GOAT CTB(10.27..2025)
SDG: 3054

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

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: CRAZY GOAT CTB(10.27..2025)

Job ID: 890-9214-1
SDG: 3054

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: CRAZY GOAT CTB(10.27..2025)

Job ID: 890-9214-1
SDG: 3054

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9214-1	BACKFILL SAMPLE	Solid	12/11/25 00:00	12/11/25 14:17	New Mexico

Released to Imaging: 4/16/2026 3:42:59 PM
Received by OCD: 3/16/2026 12:13:19 PM

Chain of Custody

890-9214 Chain of Custody

Project Manager:	Ashton Thielke	Bill to: (if different)	Noah Tinker
Company Name:	Carmona Resources	Company Name:	BTA Oil Producers, LLC
Address:	310 W Wall St Ste 500	Address:	104 S Pecos St.
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	ntinker@btaoil.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Crazy Goat CTB (10.27.2025)	Turn Around	
Project Number:	3054	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date:	72 hr.
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:	Tumco7	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-7.4	
Total Containers:		Corrected Temperature:	-7.2	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300	Hold
Backfill Sample	12/11/2025		X		Comp	1		X	X	X	

ANALYSIS REQUEST — Parameters

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Comments

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
		Bruns	12-11 1417

12/16/2025

Released to Imaging: 4/16/2026 3:42:59 PM
Received by OCD: 3/16/2026 12:13:19 PM

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6253.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9214-1
Address: 1211 W. Florida Ave,	Due Date Requested: 12/16/2025			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CRAZY GOAT CTB(10.27..2025)	Project #: 89000237			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_CalcBTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
BACKFILL SAMPLE (890-9214-1)	12/11/25	Mountain	G	Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 12-11 1630	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: Eddy Randolph	Date/Time: 12/12/25 0800	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.8/2.7 IR-8

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9214-1
SDG Number: 3054

Login Number: 9214
List Number: 1
Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9214-1
SDG Number: 3054

Login Number: 9214
List Number: 2
Creator: Rios, Minerva

List Source: Eurofins Midland
List Creation: 12/12/25 01:24 PM

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

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 563191

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 563191
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2530147707**
Incident Name	**NAPP2530147707 CRAZY GOAT CTB @ FAPP2430234897**
Incident Type	**Oil Release**
Incident Status	**Remediation Closure Report Received**
Incident Facility	**[fAPP2430234897] Crazy Goat CTB**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Crazy Goat CTB
Date Release Discovered	10/27/2025
Surface Owner	Private

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure | Gasket | Crude Oil | Released: 28 BBL | Recovered: 25 BBL | Lost: 3 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure | Gasket | Produced Water | Released: 28 BBL | Recovered: 25 BBL | Lost: 3 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
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)	Firetube gasket failure on heater treater

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QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 563191
	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: Noah Tinker Title: Engineer Email: ntinker@btaoil.com Date: 03/16/2026

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QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 563191
	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 26 and 50 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
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 1000 (ft.) and ½ (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

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)	3600
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	32750
GRO+DRO	(EPA SW-846 Method 8015M)	49350
BTEX	(EPA SW-846 Method 8021B or 8260B)	1680
Benzene	(EPA SW-846 Method 8021B or 8260B)	117
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		12/02/2025
On what date will (or did) the final sampling or liner inspection occur		02/11/2026
On what date will (or was) the remediation complete(d)		02/26/2026
What is the estimated surface area (in square feet) that will be reclaimed		0
What is the estimated volume (in cubic yards) that will be reclaimed		0
What is the estimated surface area (in square feet) that will be remediated		5996
What is the estimated volume (in cubic yards) that will be remediated		1620
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 (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 563191
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
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.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	fEEM0112342028 LEA LAND LANDFILL
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
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 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: Noah Tinker Title: Engineer Email: ntinker@btaoil.com Date: 03/16/2026
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 (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 563191
	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 (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 563191
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**557440**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**02/26/2026**
What was the (estimated) number of samples that were to be gathered	**7**
What was the sampling surface area in square feet	**2020**

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	5996
What was the total volume (cubic yards) remediated	1620
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	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Area was mechanicaly and hydro excavated and remediated vertically until samples were clean per NMAC standards. Once composite confirmation sidewall and floor samples were recieved, the area was backfilled with clean material to surface grade."

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: Noah Tinker Title: Engineer Email: ntinker@btaoil.com Date: 03/16/2026

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QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 563191
	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 563191

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 563191
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	4/16/2026