



SITE INFORMATION

Closure Report
Greenwood PGU #4 Battery
Incident #: NAB1627853512
Eddy County, New Mexico
Unit H Sec 27 T18S R31E
32.720010°, -103.849308°

Oil Release
Point of Release: Leak from oil tank
Release Date: 09.05.2016
Volume Released: 227.30 Barrels of Crude Oil
Volume Recovered: 165 Barrels of Crude Oil

CARMONA RESOURCES



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

Prepared by:
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310 West Wall Street
Suite 500
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432.813.1992



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March 13, 2025

Mike Bratcher
District Supervisor
Oil Conservation Division, District 2
811 S. First Street
Artesia, New Mexico 88210

**Re: Closure Report
Greenwood PGU #4 Battery
Chevron U.S.A., Inc.
Site Location: Unit H, S27, T18S, R31E
(Lat 32.720010°, Long -103.849308°)
Eddy County, New Mexico**

Mr. Bratcher:

On behalf of Chevron U.S.A., Inc. (Chevron), Carmona Resources, LLC has prepared this letter to document site assessment and remediation activities for the Greenwood PGU #4 Battery. The site is located at 32.720010°, -103.849308° within Unit H, S27, T18S, R31E, in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on September 5, 2016, caused by a tank failure resulting in the release of approximately two-hundred twenty-seven point three (227.30) barrels of crude oil, of which one-hundred five (165) barrels of oil were recovered. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. On March 4, 2025, Carmona Resources installed a groundwater determination bore located approximately 0.08 miles Northwest of the release area in Unit D, S27, T18S, R31E. The bore indicated no signs of water at a depth of 55' feet below ground surface (bgs) when it was gauged on March 10, 2025. A copy of the groundwater determination log is attached to Appendix D.

3.0 NMAC Regulatory Criteria

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

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 2,500 mg/kg (GRO + DRO + MRO)
- TPH: 1,000 mg/kg (GRO + DRO)
- Chloride: 10,000 mg/kg.



4.0 Site Assessment Activities

On November 27, 2024, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of thirteen (13) soil samples (SP-1 through S-13), and sixteen (16) horizontal sample points (H-1 through H-16) were installed to total depths ranging from surface to 4' bgs in the areas requested by the NMOCD during previous communications. 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 Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and Chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix C.

Vertical Delineation

Vertical delineation was achieved in all areas for Benzene, total BTEX, TPH, and Chloride concentrations with the exception of SP-3, SP-9, and SP-13. All sample points were further delineated during remediation activities. Refer to Table 1 in Appendix A.

Horizontal Delineation

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

5.0 Remediation Activities

Between January 7, 2025, and February 3, 2025, Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on January 6, 2025, January 13, 2025, and January 22, 2025, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The area of SP-3 was excavated to a depth of 3.5' bgs. The areas of SP-9 and SP-12 were excavated to a depth of 4.5' bgs. Finally, the area of SP-13 was excavated to a depth of 6.0' bgs.

A total of twenty-five (25) confirmation floor samples were collected (CS-1 through CS-25) ranging from 3.5' to 6.25' bgs, and fifteen (15) sidewall samples (SW-1 through SW-15) ranging from 3.5' to 6' bgs were collected every 200 square feet to ensure the proper removal of contaminated soils. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and Chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E. The excavation depths and confirmation sample locations are shown in Figures 4A through 4D.

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

Before the excavation was backfilled, a composite sample of the backfill material was collected on January 27, 2025, to ensure the material was clean per NMOCD standards. The backfill material was sourced from the local landowner located at 32.71282°, -103.83887°. Refer to Table 2 in Appendix A. Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 3,818 square feet of contamination was remediated, resulting in 687 cubic yards of material excavated and transported offsite for proper disposal.



6.0 Reclamation Activities

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. On February 3, 2025, the backfilled areas in the pasture were seeded via hand distribution with the appropriate pounds of pure live seed per acre. The topsoil was ripped with a dozer onto the seed to aid the vegetation process. Approximately 51,000 square feet of area was reclaimed. The seed mixture used was BLM #2 Sandy Mixture. See Figure 5 for the reclamation area.

7.0 Conclusions

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

Sincerely,

Carmona Resources, LLC

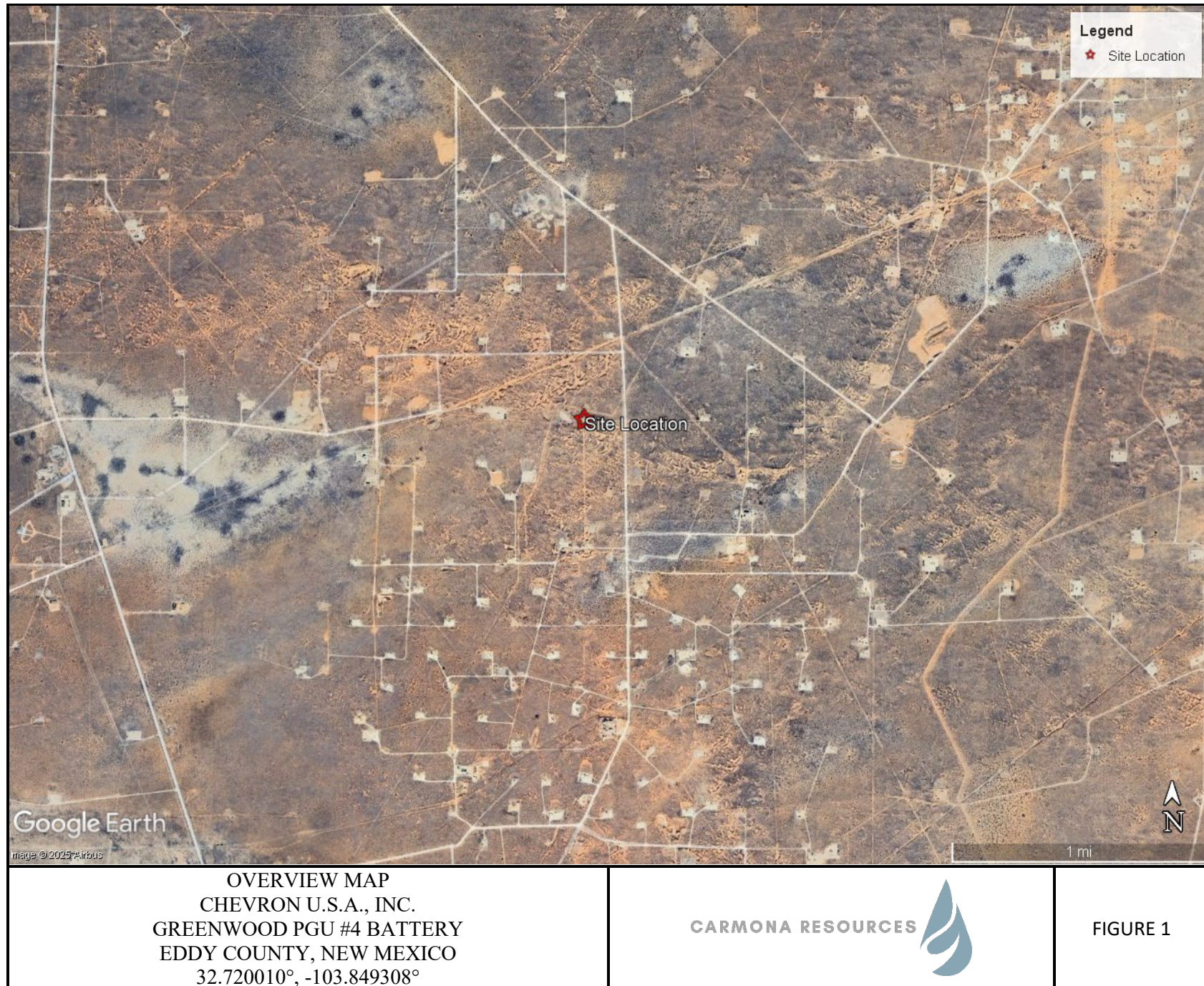
Ashton Thielke
Environmental Manager

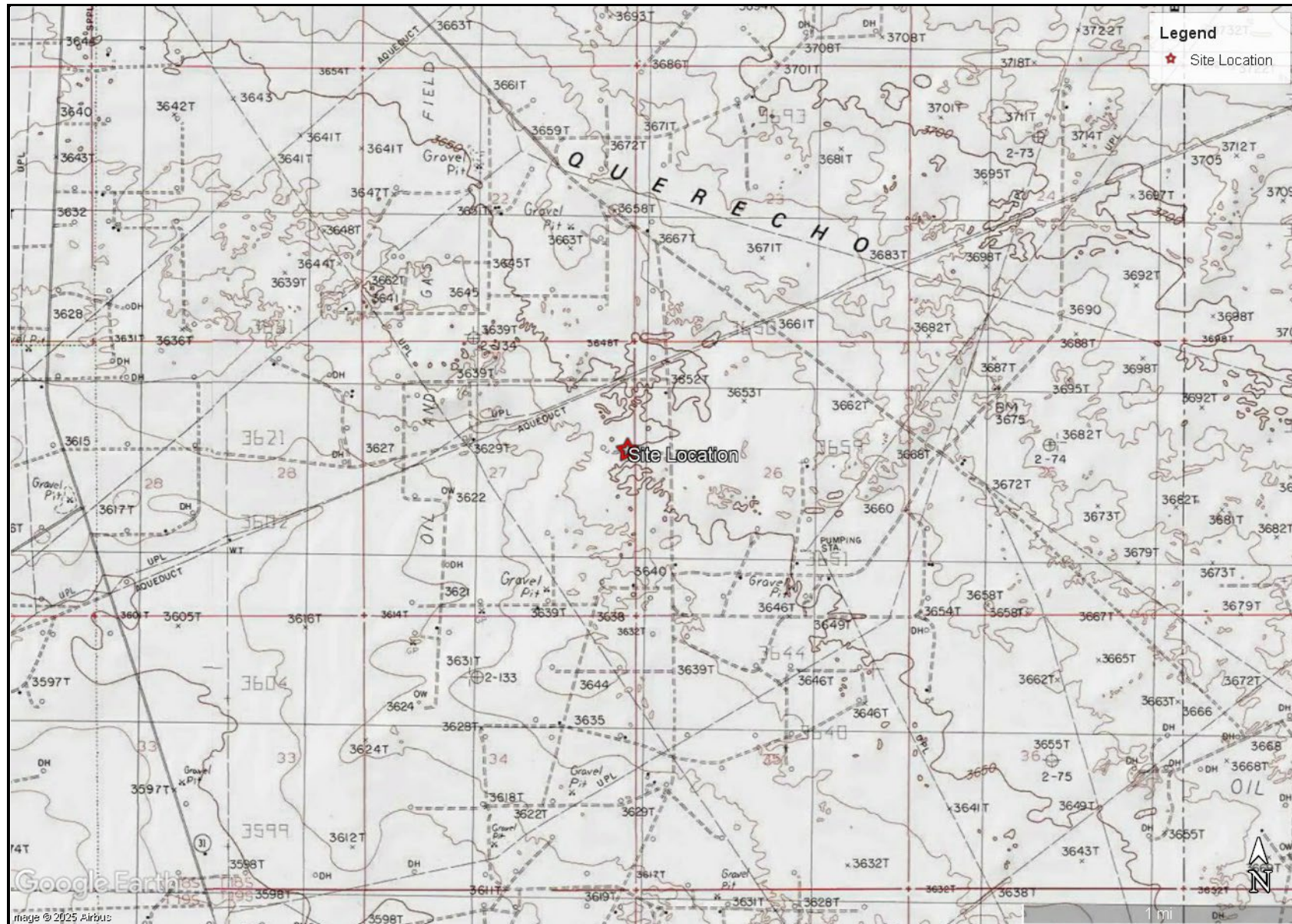
Gilbert Priego
Project Manager

FIGURES

CARMONA RESOURCES





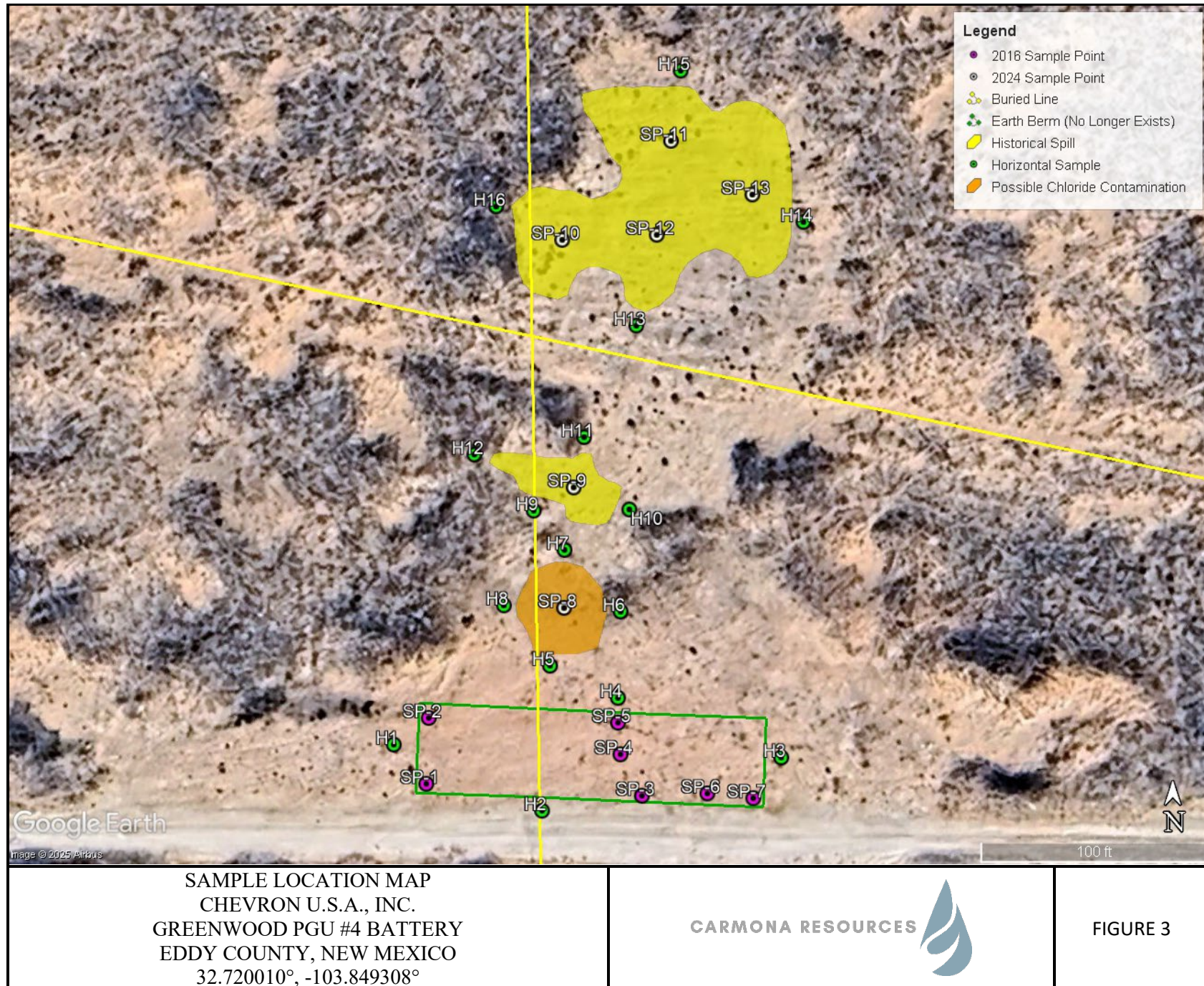


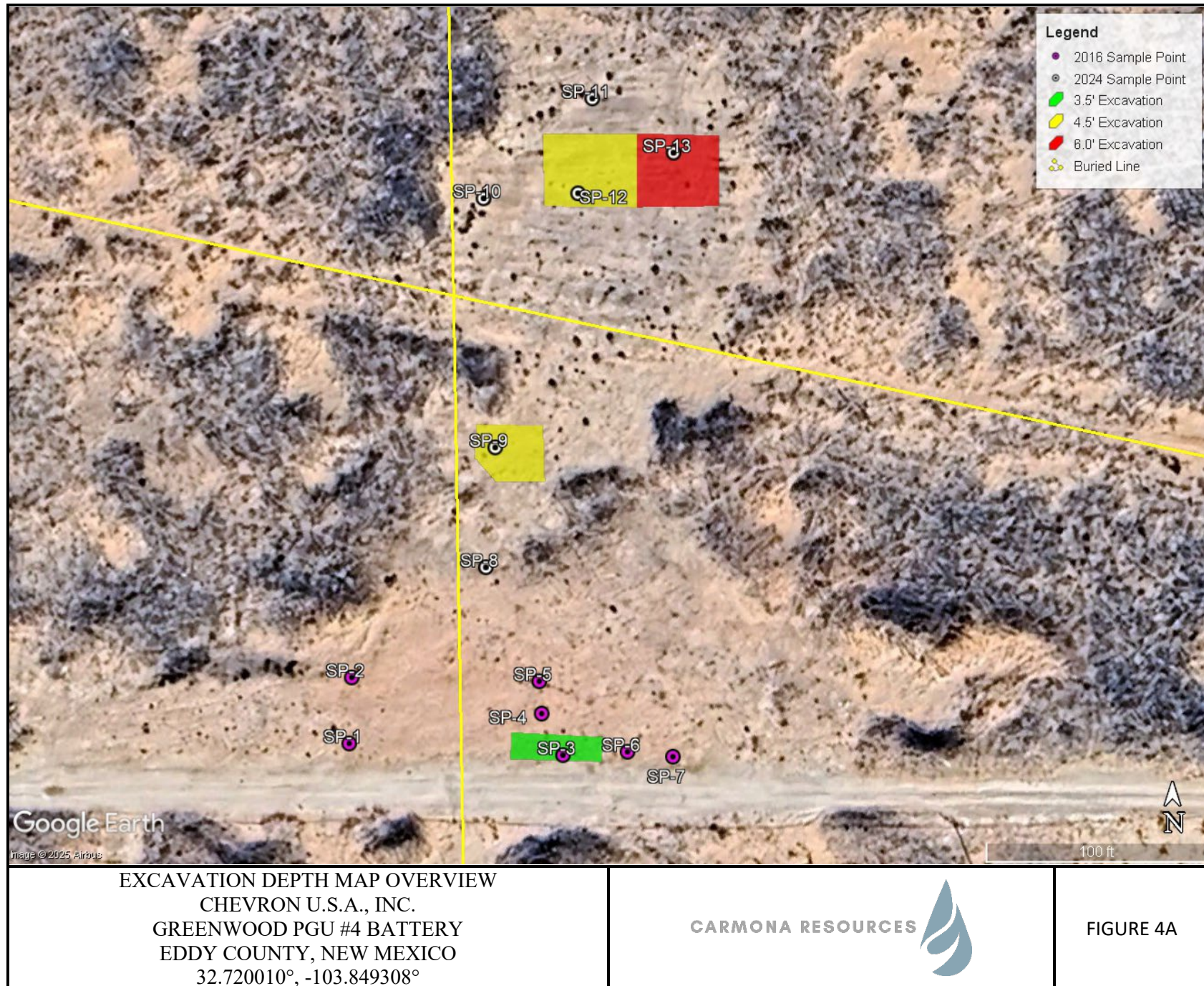
TOPOGRAPHIC MAP
CHEVRON U.S.A., INC.
GREENWOOD PGU #4 BATTERY
EDDY COUNTY, NEW MEXICO
32.720010°, -103.849308°

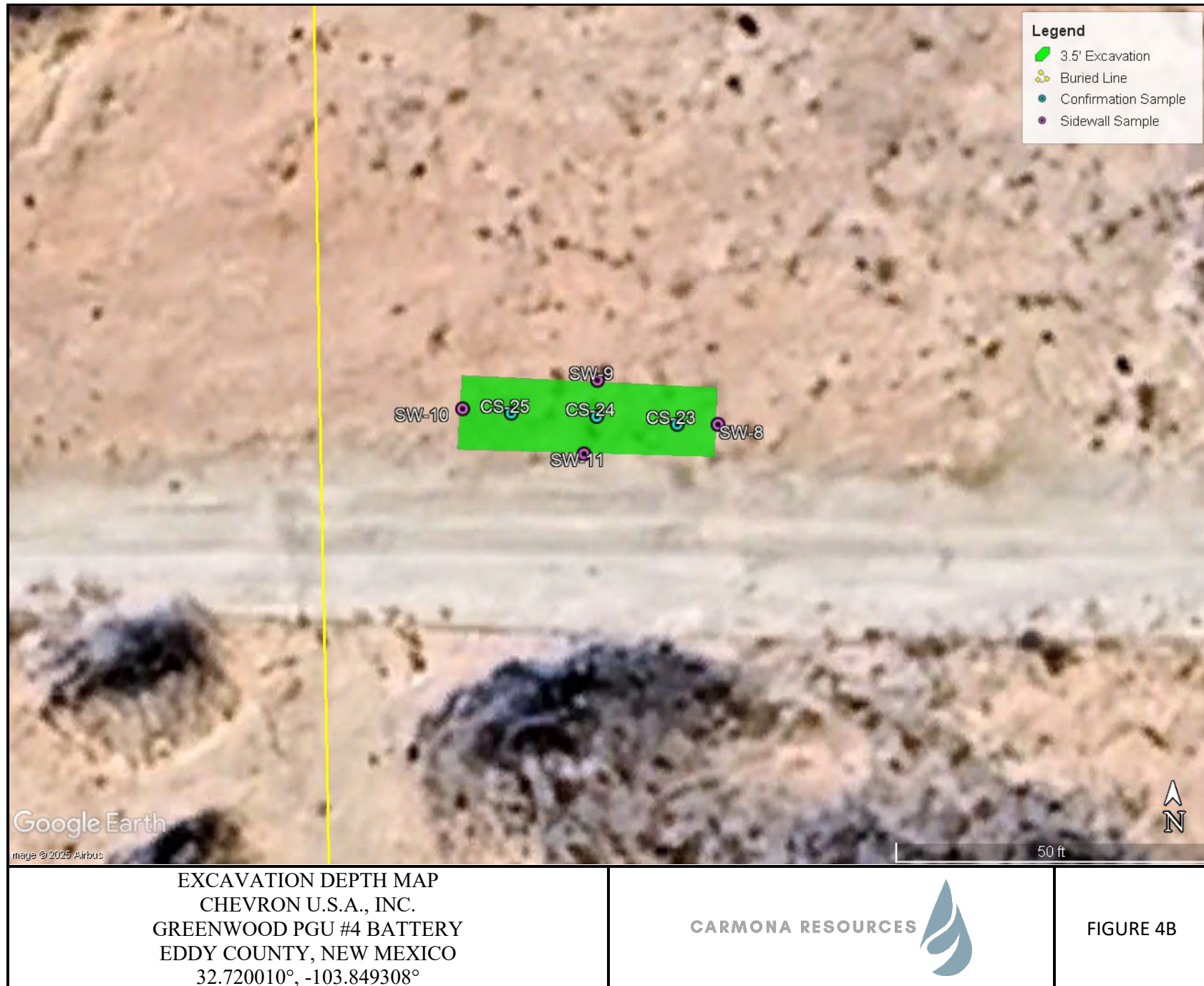
CARMONA RESOURCES

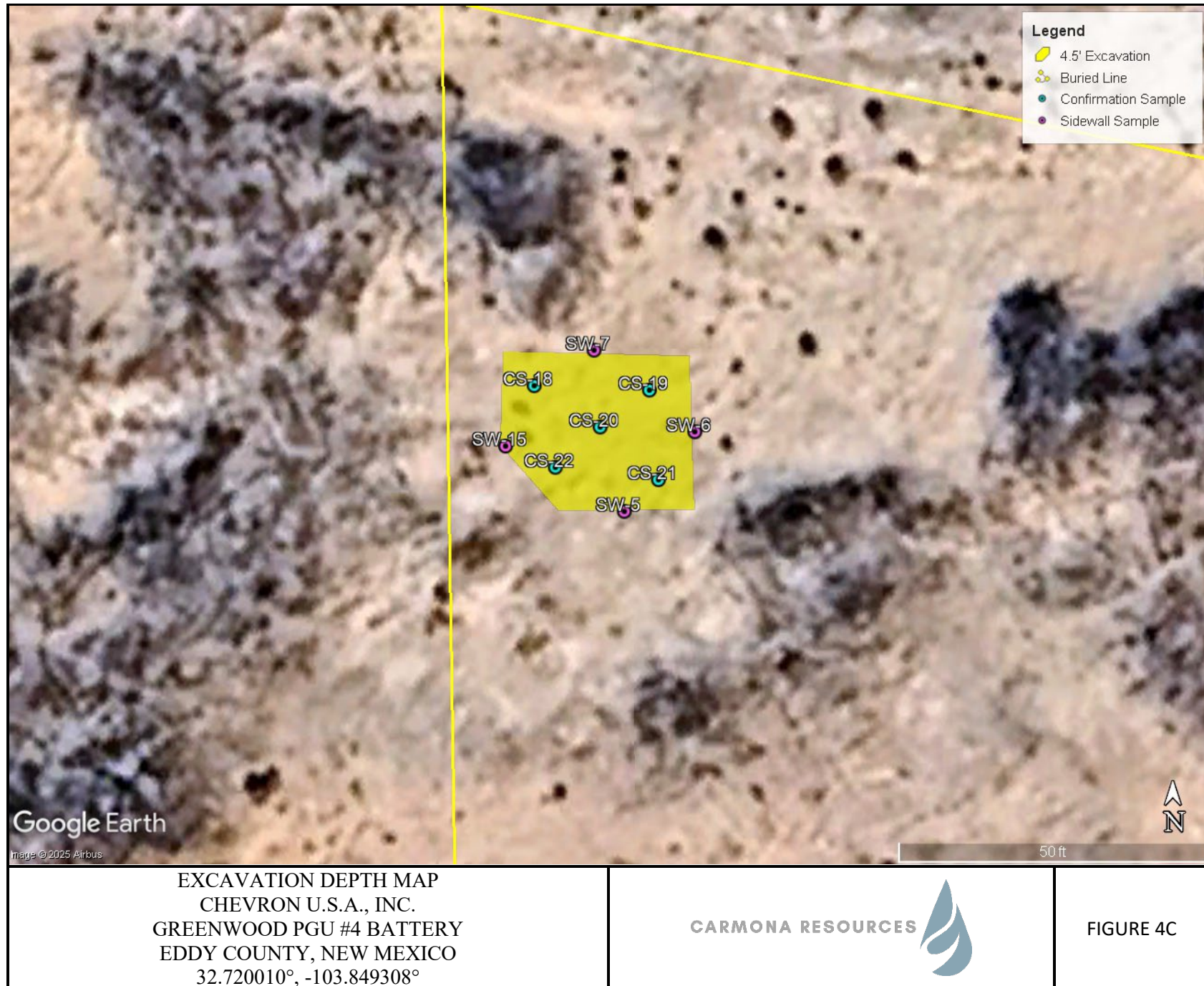


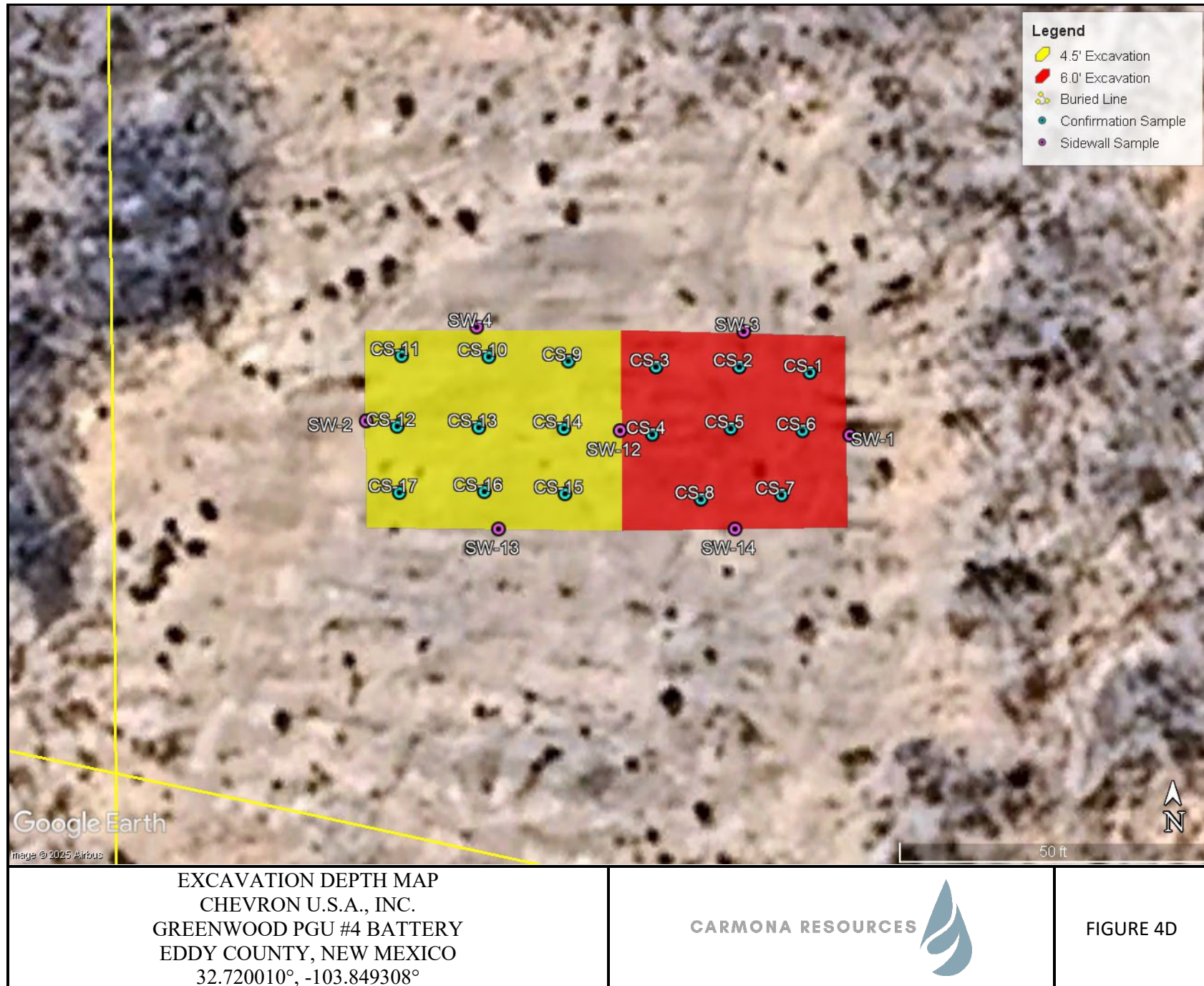
FIGURE 2

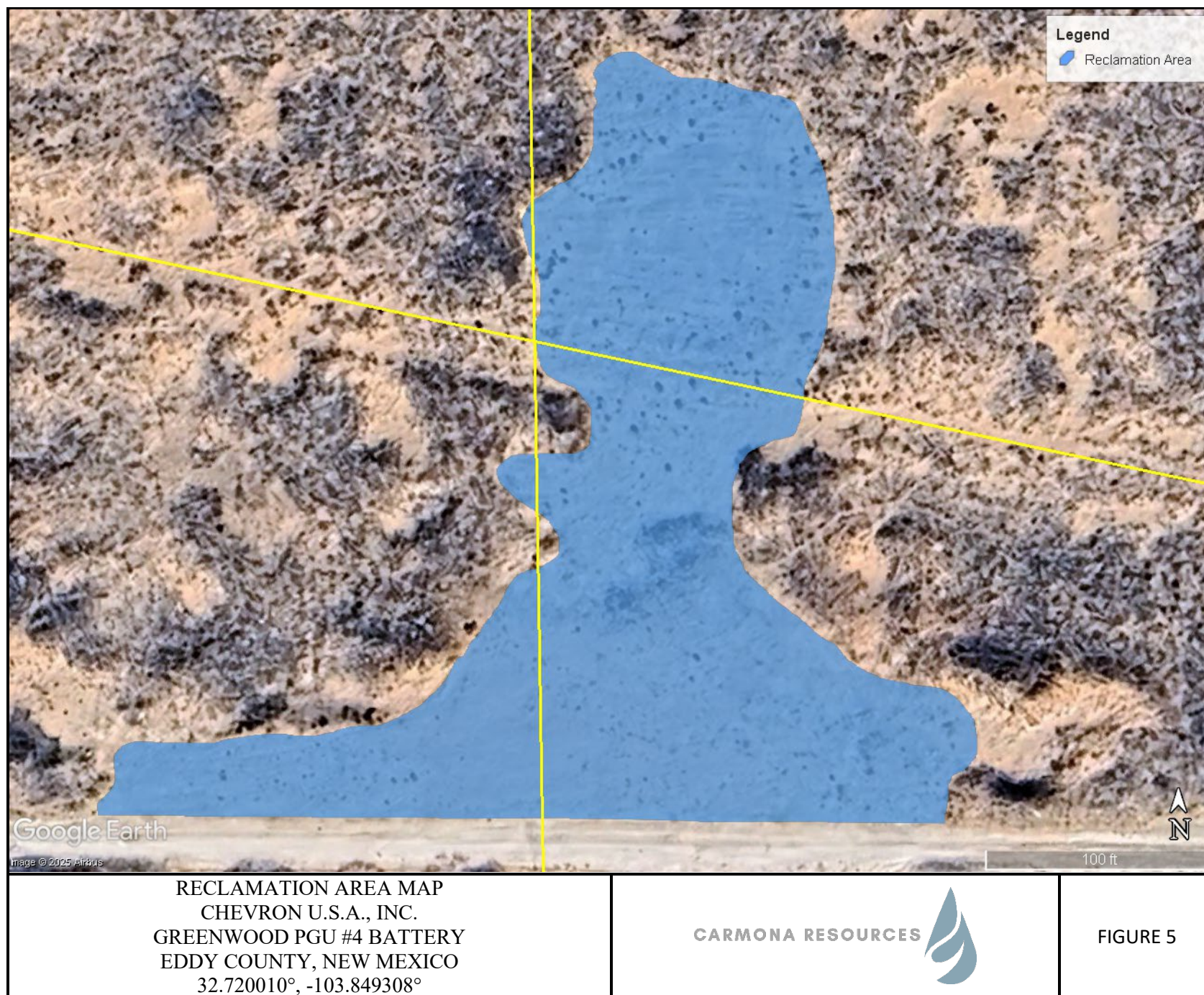












APPENDIX A

CARMONA RESOURCES



Table 1
Chevron
Greenwood PGU #4 Battery
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SP-1	11/27/2024	0-1.0'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	98.0
	"	1.5'	<49.7	72.7	<49.7	72.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	73.0
	"	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	35.4
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	67.9
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	46.8
SP-2	11/27/2024	0-1.0'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	32.4
	"	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	97.2
	"	2.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	24.6
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	37.1
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	69.2
	1/7/2025	0-1.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	113
	"	2.0'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	124
	"	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	114
	"	4.0'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	111
	"	5.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	120
SP-3	11/27/2024	0-1.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	36.0
	"	1.5' R	<49.8	150	<49.8	150	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	86.1
SP-4	11/27/2024	0-1.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	82.1
	"	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	93.8
	"	2.0'	<49.8	85.1	<49.8	85.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	73.2
	"	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	44.6
	"	4.0'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	105
	1/7/2025	0-1.0'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	116
	"	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	137
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	80.4
	"	4.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	104
	"	5.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	121
SP-5	11/27/2024	0-1.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	85.3
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	78.7
	"	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	90.9
	"	3.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	72.8
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<9.98
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(SP) Sample Point

 Removed

Table 1
Chevron
Greenwood PGU #4 Battery
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SP-6	11/27/2024	0-1.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	80.8
	"	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	100
	"	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	91.7
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	62.8
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	79.6
	1/7/2025	0-1.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	102
	"	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	126
	"	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	100
SP-7	"	4.0'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	27.6
	"	5.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	108
	11/27/2024	0-1.0' R	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	102
	1/7/2025	0-1.0'	<49.9	68.3	<49.9	68.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	116
	"	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	125
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	124
SP-8	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	122
	"	5.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	101
	11/27/2024	0-1.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	73.9
	"	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	82.3
	"	2.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	68.2
SP-9	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	78.4
	"	4.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	86.3
	11/27/2024	0-1.0'	<49.8	228	<49.8	228	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	92.1
	"	1.5'	<50.0	547	<50.0	547	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	79.9
	"	2.0'	<49.7	69.3	<49.7	69.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	104
SP-10	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	240
	"	4.0'	<49.9	463	<49.9	463	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	371
	11/27/2024	0-1.0' R	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	130
SP-11	11/27/2024	0-1.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	97.1
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	574
	"	2.0' R	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	124
SP-12	11/27/2024	0-1.0'	<49.8	111	<49.8	111	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	128
	"	1.5'	<49.7	50.3	<49.7	50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	42.0
	"	2.0'	<250	10,700	<250	10,700	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	75.6
	"	3.0'	<50.0	1,200	<50.0	1,200	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	124
	"	4.0'	<49.8	79.6	<49.8	79.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	309
SP-13	11/27/2024	0-1.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	67.3
	"	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	106
	"	2.0'	<50.0	1,270	<50.0	1,270	<0.00199	<0.00199	0.00243	<0.00398	<0.00398	<10.1
	"	3.0'	<249	8,560	<249	8,560	0.00901	<0.00200	0.0161	<0.00399	0.0251	85.5
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(SP) Sample Point

Removed

Table 1
Chevron
Greenwood PGU #4 Battery
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	11/27/2024	0-0.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	111
H-2	11/27/2024	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	101
H-3	11/27/2024	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	98.5
H-4	11/27/2024	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	92.8
H-5	11/27/2024	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	70.6
H-6	11/27/2024	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	97.1
H-7	11/27/2024	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	87.7
H-8	11/27/2024	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	82.9
H-9	11/27/2024	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	88.4
H-10	11/27/2024	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	69.7
H-11	11/27/2024	0-0.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	96.2
H-12	11/27/2024	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	99.5
H-13	11/27/2024	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	59.8
H-14	11/27/2024	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	78.7
H-15	11/27/2024	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	82.2
H-16	11/27/2024	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	107
Regulatory Criteria [^]							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

[^] - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(H) Horizontal Sample

Table 2
Chevron
Greenwood PGU #4 Battery
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	1/16/2025	6.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	136
CS-2	1/16/2025	6.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	149
CS-3	1/16/2025	6.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	268
CS-4	1/16/2025	6.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	131
CS-5	1/16/2025	6.0'	<49.8	57.1	<49.8	57.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	204
CS-6	1/16/2025	6.0'	<49.9	227	<49.9	227	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	774
CS-7	1/16/2025	6.0'	<49.7	4,790	<49.7	4,790	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	95.9
	1/24/2025	6.25'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	106
CS-8	1/16/2025	6.0'	<49.8	141	<49.8	141	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	137
CS-9	1/16/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	298
CS-10	1/16/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	390
CS-11	1/16/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	137
CS-12	1/16/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	285
CS-13	1/16/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	284
CS-14	1/16/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	296
CS-15	1/16/2025	4.5'	<0.498	<0.498	<0.498	<0.498	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	300
CS-16	1/16/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	319
CS-17	1/16/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	225
CS-18	1/16/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	181
CS-19	1/16/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	388
CS-20	1/16/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	499
CS-21	1/16/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	107
CS-22	1/16/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	46.7
CS-23	1/16/2025	3.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	13.7
CS-24	1/16/2025	3.5'	<49.9	115	<49.9	115	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	15.4
	1/24/2025	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.1
CS-25	1/16/2025	3.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	19.7
Regulatory Criteria^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(CS) Confirmation Sample

Removed

Table 2
Chevron
Greenwood PGU #4 Battery
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-1	1/16/2025	6.0'	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	43.7
SW-2	1/16/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	21.0
SW-3	1/16/2025	6.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	20.3
SW-4	1/16/2025	4.5'	<50.0	163	<50.0	163	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	139
	1/24/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	145
SW-5	1/16/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	0.00619	0.00220	0.0123	0.0207	46.0
SW-6	1/16/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	16.6
SW-7	1/24/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	106
SW-8	1/16/2025	3.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	17.5
SW-9	1/16/2025	3.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	9.25
SW-10	1/16/2025	3.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	13.3
SW-11	1/16/2025	3.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	17.6
SW-12	1/16/2025	4.5-6.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	16.8
SW-13	1/16/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	0.00700	0.00240	0.0126	0.0220	41.8
SW-14	1/16/2025	6.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	0.00732	0.00244	0.0145	0.0242	39.3
SW-15	1/16/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00198	0.00779	0.00267	0.0149	0.0254	44.4
Backfill Sample	1/27/2025	-	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	13.0
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

(SW) SideWall Sample

 Removed

APPENDIX B

CARMONA RESOURCES

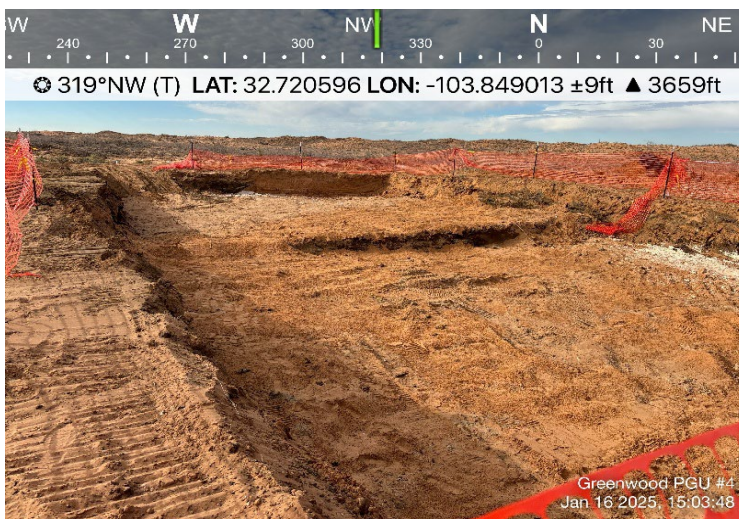


PHOTOGRAPHIC LOG

Chevron U.S.A., Inc.

Photograph No. 1**Facility:** Greenwood PGU #4 Battery**County:** Eddy County, New Mexico**Description:**

View Northwest, area of CS-1 through CS-17.

**Photograph No. 2****Facility:** Greenwood PGU #4 Battery**County:** Eddy County, New Mexico**Description:**

View Southeast, area of CS-1 through CS-8.

**Photograph No. 3****Facility:** Greenwood PGU #4 Battery**County:** Eddy County, New Mexico**Description:**

View Southwest, area of CS-9 through CS-17.



PHOTOGRAPHIC LOG

Chevron U.S.A., Inc.

Photograph No. 4**Facility:** Greenwood PGU #4 Battery**County:** Eddy County, New Mexico**Description:**

View Southeast, area of CS-1 through CS-17.

**Photograph No. 5****Facility:** Greenwood PGU #4 Battery**County:** Eddy County, New Mexico**Description:**

View Northeast, area of CS-18 through CS-22.

**Photograph No. 6****Facility:** Greenwood PGU #4 Battery**County:** Eddy County, New Mexico**Description:**

View Northwest, area of CS-18 through CS-22.



PHOTOGRAPHIC LOG

Chevron U.S.A., Inc.

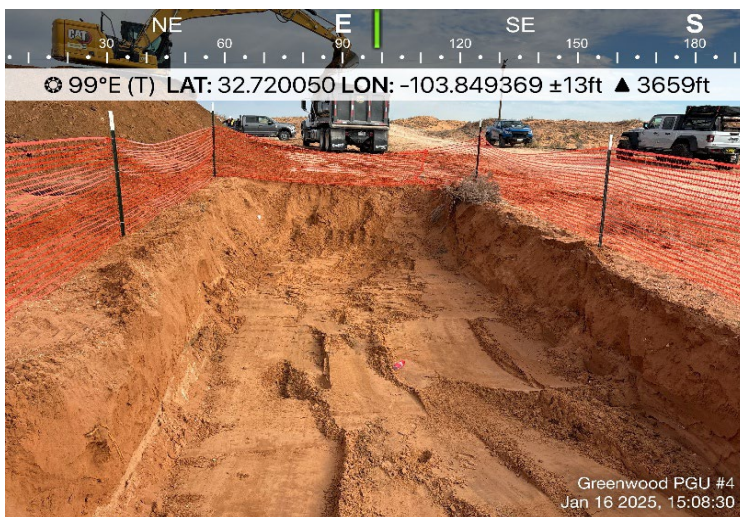
Photograph No. 7

Facility: Greenwood PGU #4 Battery

County: Eddy County, New Mexico

Description:

View East, area of CS-23 through CS-25.



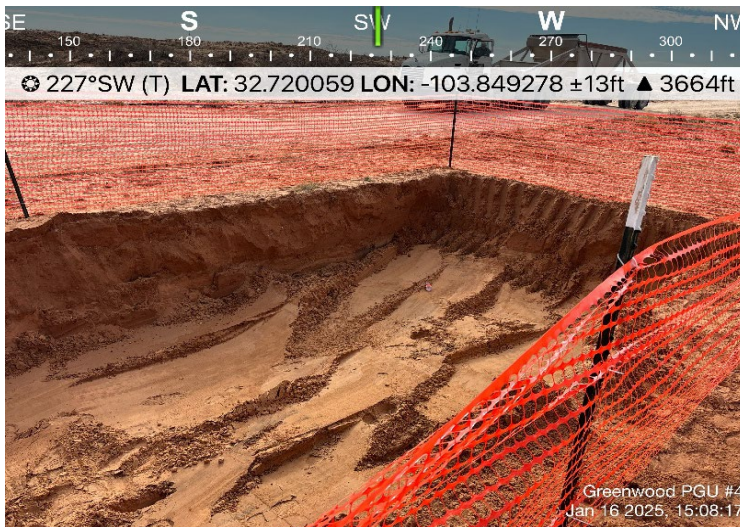
Photograph No. 8

Facility: Greenwood PGU #4 Battery

County: Eddy County, New Mexico

Description:

View Southwest, area of CS-24 through CS-25.



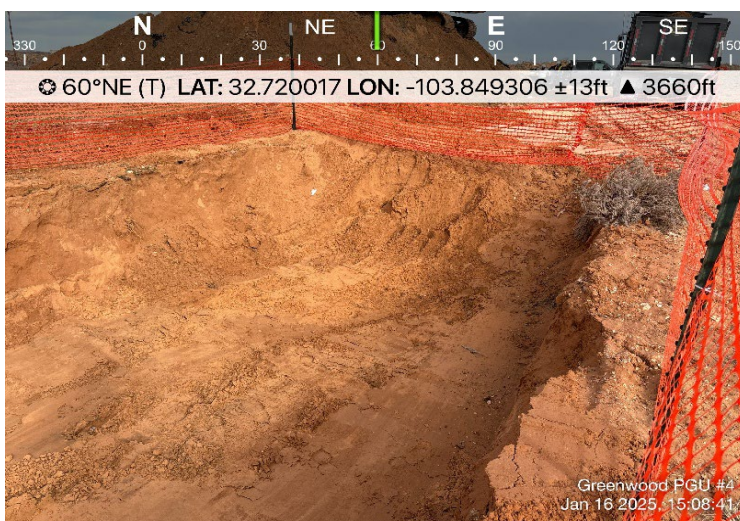
Photograph No. 9

Facility: Greenwood PGU #4 Battery

County: Eddy County, New Mexico

Description:

View Southwest, area of CS-23 through CS-24.



PHOTOGRAPHIC LOG

Chevron U.S.A., Inc.

Photograph No. 10

Facility: Greenwood PGU #4 Battery

County: Eddy County, New Mexico

Description:

View East, area of backfilled area.



Photograph No. 11

Facility: Greenwood PGU #4 Battery

County: Eddy County, New Mexico

Description:

View Southwest, area of backfilled area.



Photograph No. 12

Facility: Greenwood PGU #4 Battery

County: Eddy County, New Mexico

Description:

View North, area of backfilled area.



PHOTOGRAPHIC LOG

Chevron U.S.A., Inc.

Photograph No. 13

Facility: Greenwood PGU #4 Battery

County: Eddy County, New Mexico

Description:
View West, area of backfilled area.

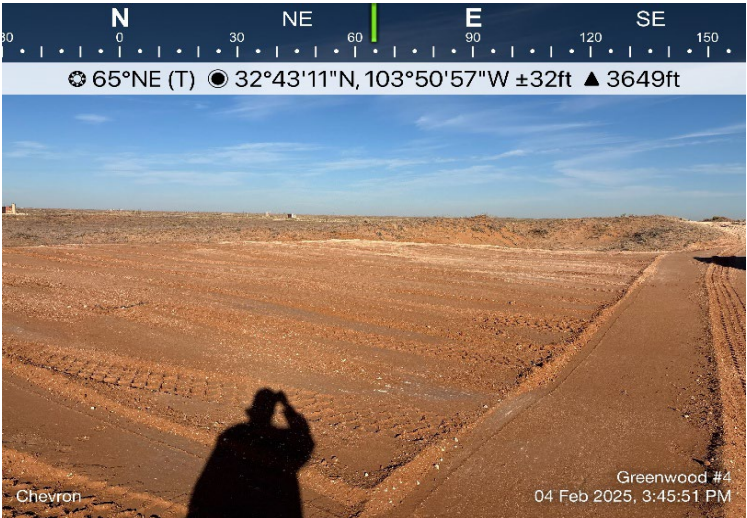


Photograph No. 14

Facility: Greenwood PGU #4 Battery

County: Eddy County, New Mexico

Description:
View Northeast, area of backfilled area.

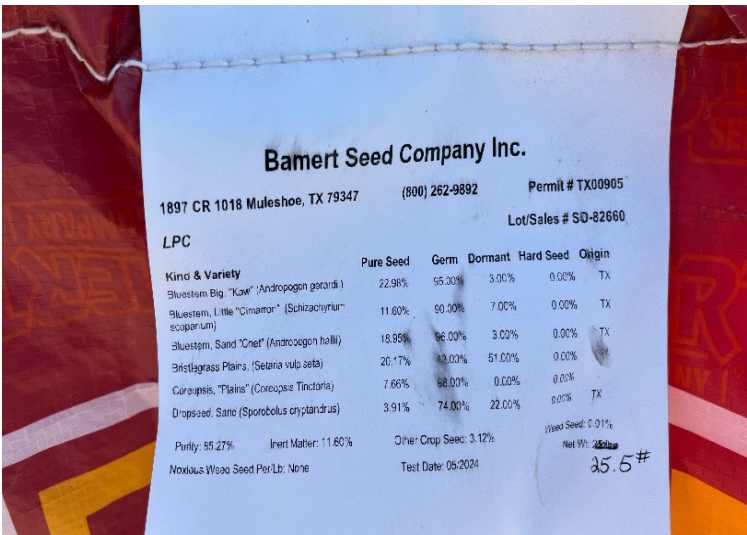


Photograph No. 15

Facility: Greenwood PGU #4 Battery

County: Eddy County, New Mexico

Description:
View seed mixture.



APPENDIX C

CARMONA RESOURCES



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

State of New Mexico
Energy Minerals and Natural Resources

OCT 04 2016

Form C-141
Revised August 8, 2011

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

RECEIVED
Return to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	Chevron USA	Contact	Josepha DeLeon
Address	6301 Deauville Blvd, Midland, TX 79706	Telephone No.	575-263-0424
Facility Name	Greenwood PGU #4 Battery	Facility Type	Tank Battery
Surface Owner	BLM	Mineral Owner	
		API No.	30-015-05616

LOCATION OF RELEASE

Unit Letter D	Section 27	Township 18S	Range 31E	Feet from the 600	North/South Line North	Feet from the 660	East/West Line West	County Eddy
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Latitude N 32.720010 Longitude -W 103.849308

NATURE OF RELEASE

Type of Release: Oil	Volume of Release 227.30 bbls	Volume Recovered 165 bbls
Source of Release: Tank Bottom Failed	Date and Hour of Occurrence 09/05/2016 @ unknown	Date and Hour of Discovery 09/05/2016
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Jaime Keyes, NMOCD Jim Amos, BLM	
By Whom? Josepha DeLeon	Date and Hour 09/05/2016	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Not Applicable

Describe Cause of Problem and Remedial Action Taken.*

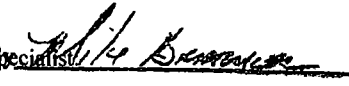
Leak from oil tank resulted in the release of contents to containment. A vacuum truck was dispatched to collect standing fluid.

Describe Area Affected and Cleanup Action Taken.*

Affected area included containment area with small adjacent area outside of the berm (~0.87 bbl of oil leaked outside of the berm). A vacuum truck was called to the location and recovered 165 barrels.

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

OIL CONSERVATION DIVISION

Signature: 	Approved by Environmental Specialist 	
Printed Name: Josepha DeLeon	Approval Date: 10/4/16	Expiration Date: N/A
Title: HES Compliance Support - Environmental	Conditions of Approval: Remediation per O.C.D. Rules & Guidelines ☐	
E-mail Address: jdx@chevron.com	SUBMIT REMEDIATION PROPOSAL NO	
Date: 09/20/2016 Phone: 575-263-0424	LATER THAN: 11/4/16	

* Attach Additional Sheets If Necessary

2RP-3929

Bratcher, Mike, EMNRD

From: LeBlanc, Christopher S <ChristopherLeBlanc@chevron.com>
Sent: Tuesday, October 04, 2016 10:33 AM
To: Bratcher, Mike, EMNRD; Mathews, David [Swift]
Subject: RE: Greenwood 4 CTB
Attachments: Greenwood PGU 4 Battery C141.pdf

Mike,

Yes, a C-141 was turned in. See attached.

Please let me know if you need any additional information.

Thanks,

Chris S. LeBlanc
Facilities Engineer

Chevron North America Exploration & Production Company
Mid-Continent Business Unit
6301 Deauville Ave, Room N2205
Midland, TX 79707
Tel 432 687 7894
Cell 337 356 9538
ChristopherLeBlanc@chevron.com

From: Bratcher, Mike, EMNRD [mailto:mike.bratcher@state.nm.us]
Sent: Tuesday, October 04, 2016 8:50 AM
To: Mathews, David [Swift]
Cc: LeBlanc, Christopher S
Subject: [**EXTERNAL**] RE: Greenwood 4 CTB

David,

I have a meeting pending that I should know more on later this morning. Was a C-141 turned in for this release?

Mike Bratcher
NMOCD District 2
811 S. First Street
Artesia, NM 88210
O: 575-748-1283 X108
C: 575-626-0857
F: 575-748-9720

From: Mathews, David [Swift] [mailto:DQPO@chevron.com]
Sent: Tuesday, October 04, 2016 5:52 AM
To: Bratcher, Mike, EMNRD

Ashton Thielke

From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Sent: Wednesday, November 20, 2024 9:34 AM
To: Ashton Thielke; Hall, Brittany, EMNRD
Cc: Barnhill, Amy
Subject: Re: [EXTERNAL] Chevron - GREENWOOD PGU #4 BATTERY (09.05.2016) - NAB1627853512 - NMOCD Reviewer

Follow Up Flag: Follow up
Flag Status: Flagged

Good morning Ashton,

Your sampling plan is approved. Please keep a copy of this communication for inclusion within the appropriate report submittal.

Regards,

Nelson Velez • Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
<http://www.emnrd.nm.gov/ocd>



From: Ashton Thielke <ThielkeA@carmonaresources.com>
Sent: Tuesday, November 19, 2024 7:55 AM
To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>; Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Cc: Barnhill, Amy <ABarnhill@chevron.com>
Subject: RE: [EXTERNAL] Chevron - GREENWOOD PGU #4 BATTERY (09.05.2016) - NAB1627853512 - NMOCD Reviewer

Thanks Brittany,

Good morning Nelson!

I have attached both documents that were found on the NMOCD server as well as a presentation created for the NMOCD in regard to this spill incident...

I would like to propose a sampling/resampling plan based off of the information I was provided so that we can close out this release.

Since these samples seem to have been collected before the entire battery was P/A'd and reclaimed, I would like to suggest recollecting the areas of SP-1 through SP-7 (slide 4 of presentation attached) within the old

containment area to a depth of 4'-5' in 1.0' intervals to investigate if any contamination is left onsite following reclamation activities.

I would like to also sample the areas directly north of the tank battery and collect 2-3 samples in each area down to depths of 4'-5', sampling in 1.0' intervals to investigate any contamination as well. (found on slide 5 of presentation attached)

If any of these samples result in exceedances to Table 1 19.15.29.12/13, we will vertically and horizontally delineate that area and remediate.

Basically resample the areas within the battery area and area immediately surrounding it to the north and if any contamination is found, create a plan to remediate and reclaim/reseed to close out this spill incident.

Thanks!

Ashton Thielke
Environmental Manager
310 West Wall Street, Suite 500
Midland TX, 79701
M: 432-813-8988 C: 281-753-5659
ThielkeA@carmonaresources.com
[Environmental Consulting Firm - Carmona Resources](#)

CARMONA RESOURCES



From: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Sent: Tuesday, November 19, 2024 8:51 AM
To: Ashton Thielke <ThielkeA@carmonaresources.com>
Cc: Barnhill, Amy <ABarnhill@chevron.com>; Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Chevron - GREENWOOD PGU #4 BATTERY (09.05.2016) - NAB1627853512 - NMOCD Reviewer

Good morning Ashton,

Nelson is the reviewer of this incident. I have included him on this reply.

Thank you,
Brittany Hall ● Environmental Specialist
Environmental Bureau Projects Group
EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87110
505.517.5333 | Brittany.Hall@emnrd.nm.gov
<http://www.emnrd.nm.gov/ocd/>

Effective 12/1/2024: OCD has updated guidance on karst potential occurrence zones. This notice can be found at: <https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/> under "2024 OCD ANNOUNCEMENTS AND NOTIFICATIONS".

The Digital C-141 guidance documents can be found at <https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/> or <https://www.emnrd.nm.gov/ocd/ocd-forms/>.

From: Ashton Thielke <ThielkeA@carmonaresources.com>

Sent: Tuesday, November 19, 2024 7:45 AM

To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>

Cc: Barnhill, Amy <ABarnhill@chevron.com>

Subject: [EXTERNAL] Chevron - GREENWOOD PGU #4 BATTERY (09.05.2016) - NAB1627853512 - NMOCD Reviewer

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

Good morning Brittany,

Can you let me know who the reviewer is on this historical ~2016 release?

I have looked at what was available online and also given some internal documents and presentations from meetings with previous NMOCD employees and I wanted to initiate a proposed sampling plan on this spill incident.

Since these samples seem to have been collected before the entire battery was P/A'd and reclaimed, I would like to suggest recollecting the areas of SP-1 through SP-7 (slide 4 of presentation attached) within the old containment area to a depth of 5' in 1.0' intervals to investigate if any contamination is left onsite following reclamation activities.

I would like to also sample the areas directly north of the tank battery and collect 2-3 samples in each area down to depths of 5', sampling in 1.0' intervals to investigate any contamination as well. (found on slide 5 of presentation attached)

If any of these samples result in exceedances to Table 1 19.15.29.12/13, we will vertically and horizontally delineate that area and remediate.

Basically resample the areas within the battery area and area immediately surrounding it to the north and if any contamination is found, create a plan to remediate and reclaim/reseed to close out this spill incident.

Thanks!

Ashton Thielke

Environmental Manager

310 West Wall Street, Suite 500

Midland TX, 79701

M: 432-813-8988 C: 281-753-5659

ThielkeA@carmonaresources.com

[Environmental Consulting Firm - Carmona Resources](#)

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

Action 417038

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 417038
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1627853512
Incident Name	NAB1627853512 GREENWOOD PGU #4 BATTERY @ 30-015-05616
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Well	[30-015-05616] GREENWOOD PRE-GRAYBURG UNIT #004

Location of Release Source	
Site Name	GREENWOOD PGU #4 BATTERY
Date Release Discovered	09/05/2016
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	4,000
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	01/08/2025
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	(32.720010, -103.849308) Carmona Resources will be onsite between 01.08.2025 and the remediation/confirmation sampling will continue until 01.15.2025.

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

CONDITIONS

Action 417038

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 417038
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
abarnhill	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/6/2025

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 419789

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 419789
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1627853512
Incident Name	NAB1627853512 GREENWOOD PGU #4 BATTERY @ 30-015-05616
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Well	[30-015-05616] GREENWOOD PRE-GRAYBURG UNIT #004

Location of Release Source	
Site Name	GREENWOOD PGU #4 BATTERY
Date Release Discovered	09/05/2016
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	4,000
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	01/15/2025
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	(32.720010, -103.849308) Carmona Resources will be onsite between 01.08.2025 and the remediation/confirmation sampling will continue until 01.15.2025.

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

CONDITIONS

Action 419789

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 419789
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
abarnhill	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/13/2025

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 423309

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 423309
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1627853512
Incident Name	NAB1627853512 GREENWOOD PGU #4 BATTERY @ 30-015-05616
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Well	[30-015-05616] GREENWOOD PRE-GRAYBURG UNIT #004

Location of Release Source	
Site Name	GREENWOOD PGU #4 BATTERY
Date Release Discovered	09/05/2016
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	350
What is the estimated number of samples that will be gathered	3
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/24/2025
Time sampling will commence	09:00 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	(32.720010, -103.849308) Carmona Resources will be onsite on 01.24.2025 to collect the remaining confirmation samples.

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

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

CONDITIONS

Action 423309

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 423309
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
branes	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.	1/22/2025

APPENDIX D

CARMONA RESOURCES



Nearest water well

Chevron USA

Legend

- 0.08 Miles
- 0.50 Mile Radius
- Greenwood PGU #4 Battery (09.05.2016)
- Groundwater Determination Bore



55' GWDB - Drilled 2025

Greenwood PGU #4 Battery (09.05.2016)



Low Karst

Chevron USA

Legend

- Greenwood PGU #4 Battery (09.05.2016)
- Low

Greenwood PGU #4 Battery (09.05.2016)





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 00849 POD1		CP	LE	SW	NW	SW	35	18S	31E	608012.0	3618757.0 *		2084	300		

Average Depth to Water: 0 feet

Minimum Depth: 0 feet

Maximum Depth: 0 feet

Record Count: 1

UTM Filters (in meters):

Easting: 607833.3

Northing: 3620833.63

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

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) Pod 1		WELL TAG ID NO.		OSE FILE NO(S). CP-2051		
	WELL OWNER NAME(S) Chevron USA Inc.				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS 6301 Deauville Blvd.				CITY Midland	STATE TX	ZIP 79706
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE	MINUTES 32	SECONDS 43	12.93	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84
		LONGITUDE	103	51	2.03	W	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE S27 T18s R31e							

2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1862		NAME OF LICENSED DRILLER James Hawley			NAME OF WELL DRILLING COMPANY H&R Enterprises, LLC		
	DRILLING STARTED 3-4-25	DRILLING ENDED 3-4-25	DEPTH OF COMPLETED WELL (FT) 55'	BORE HOLE DEPTH (FT) 55'	DEPTH WATER FIRST ENCOUNTERED (FT) N/A			
	COMPLETED WELL IS: ☐ ARTESIAN *add ☒ DRY HOLE ☐ SHALLOW (UNCONFINED) Centralizer info below				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 3-10-25		
	DRILLING FLUID: ☒ AIR ☐ MUD ADDITIVES – SPECIFY:							
	DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐		
	DEPTH (feet bgl)		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)
	FROM	TO						
	0'	55'	5'	No casing left in hole				

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE- RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
				N/A		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

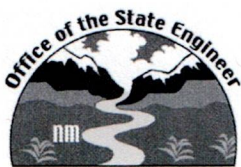
FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		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)
	FROM	TO				
	0'	5'	5'	Sand	Y ✓ N	
	5'	10'	5'	Caliche	Y ✓ N	
	10'	15'	5'	Sandy Caliche	Y ✓ N	
	15'	25'	10'	Sand	Y ✓ N	
	25'	40'	15'	Sandy Red Clay	Y ✓ N	
	40'	45'	5'	Sandy Caliche	Y ✓ N	
	45'	55'	10'	Sandy Red Clay	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					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: DTGW Bore					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	

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: Depth to groundwater bore was gauged for water on 3-10-25. DTGW bore was dry. Temporary well casing was removed, bore hole was backfilled with drill cutting to 10' BGS. Hydrated bentonite hole plug was poured from 10' BGS to surface.	
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Nathan Smelcer	

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:	DATE
	 SIGNATURE OF DRILLER / PRINT SIGNEE NAME James Hawley	3-10-25

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 2 OF 2



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: CP-2051-POD1

Well owner: Chevron USA Inc.

Phone No.: _____

Mailing address: 6301 Deauville Blvd.

City: Midland State: TX Zip code: 79706

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: H&R Enterprises, LLC.
- 2) New Mexico Well Driller License No.: WD-1862 Expiration Date: 6-16-25
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Nathan Smelcer
- 4) Date well plugging began: 3-10-25 Date well plugging concluded: 3-10-25
- 5) GPS Well Location: Latitude: 32 deg, 43 min, 12.93 sec
Longitude: 103 deg, 51 min, 2.03 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 55' ft below ground level (bgl),
by the following manner: well sounder
- 7) Static water level measured at initiation of plugging: N/A ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 1-31-25
- 9) Were all plugging activities consistent with an approved plugging plan? yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

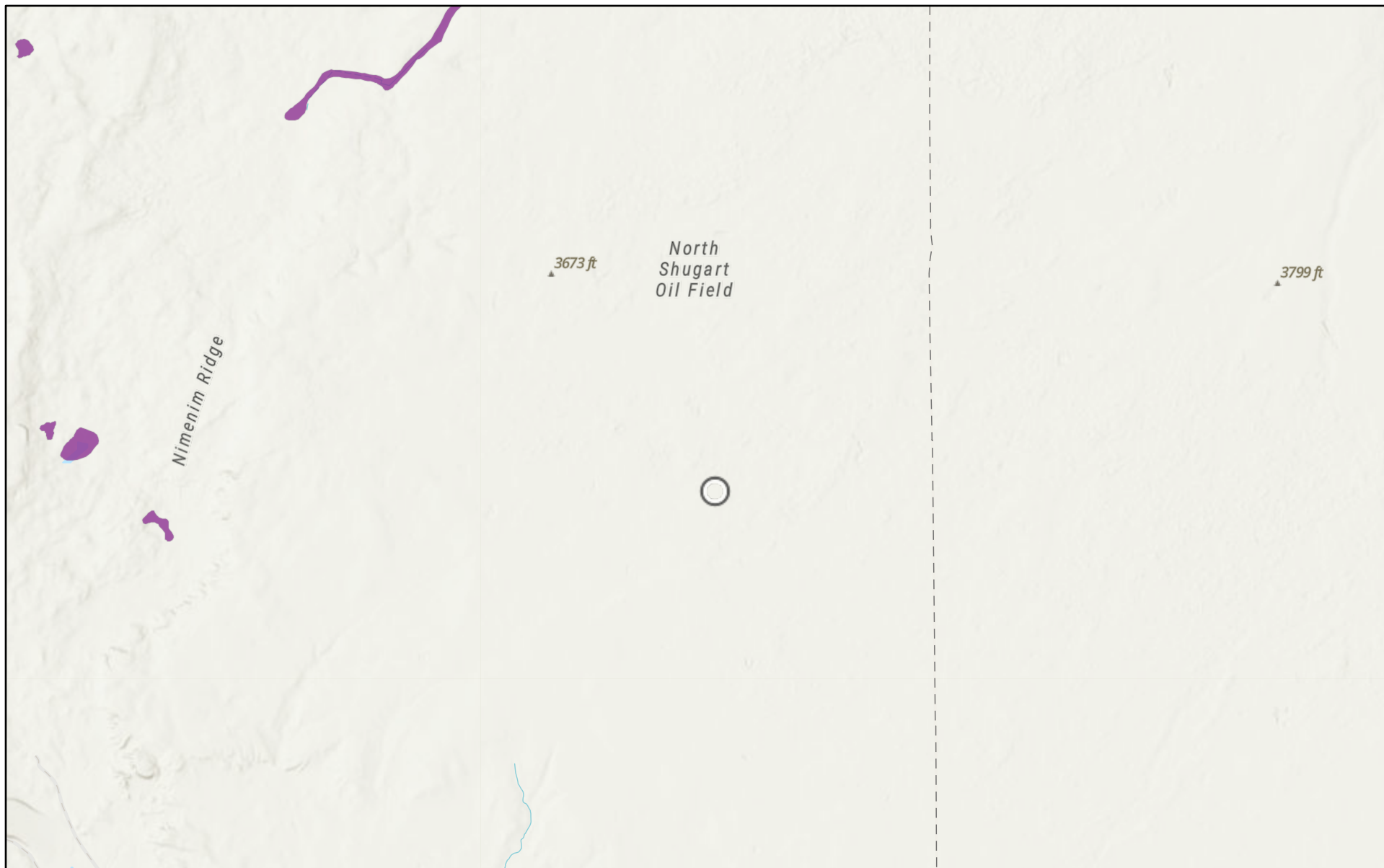
- For each interval plugged, describe within the following columns:**

MULTIPLY		BY	AND OBTAIN
cubic feet	x	7.4805	= gallons
cubic yards	x	201.97	= gallons

I, James Hawley, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Date _____

Greenwood PGU #4 Battery (09.05.2016)

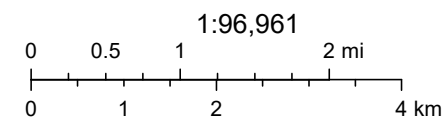


1/8/2025

USA Flood Hazard Areas

World Hillshade

1% Annual Chance Flood Hazard



Texas Parks & Wildlife, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, USFWS, Esri, NASA, NGA,

APPENDIX E

CARMONA RESOURCES





Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/6/2024 5:46:19 PM

JOB DESCRIPTION

Greenwood PGU #4 Battery
Eddy Co, NM

JOB NUMBER

880-51623-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701



Eurofins Midland

Job Notes

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

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

Authorization



Generated
12/6/2024 5:46:19 PM

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

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Laboratory Job ID: 880-51623-1
SDG: Eddy Co, NM

Table of Contents

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	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: Greenwood PGU #4 Battery

Job ID: 880-51623-1

Job ID: 880-51623-1

Eurofins Midland

Job Narrative
880-51623-1

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

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

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

Receipt

The samples were received on 12/2/2024 12:44 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 -2.6°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SP-1 (0-1.0') (880-51623-1), SP-1 (1.5') (880-51623-2), SP-1 (2.0') (880-51623-3), SP-1 (3.0') (880-51623-4), SP-1 (4.0') (880-51623-5), SP-2 (0-1.0') (880-51623-6), SP-2 (1.5') (880-51623-7), SP-2 (2.0') (880-51623-8), SP-2 (3.0') (880-51623-9), SP-2 (4.0') (880-51623-10), SP-3 (0-1.0') (880-51623-11), SP-3 (1.5')R (880-51623-12), SP-4 (0-1.0') (880-51623-13), SP-4 (1.5') (880-51623-14), SP-4 (2.0') (880-51623-15), SP-4 (3.0') (880-51623-16), SP-4 (4.0') (880-51623-17), SP-5 (0-1.0') (880-51623-18), SP-5 (1.5') (880-51623-19), SP-5 (2.0') (880-51623-20), SP-5 (3.0') (880-51623-21), SP-5 (4.0') (880-51623-22), SP-6 (0-1.0') (880-51623-23), SP-6 (1.5') (880-51623-24), SP-6 (2.0') (880-51623-25), SP-6 (3.0') (880-51623-26), SP-6 (4.0') (880-51623-27), SP-7 (0-1.0')R (880-51623-28), SP-8 (0-1.0') (880-51623-29), SP-8 (1.5') (880-51623-30), SP-8 (2.0') (880-51623-31), SP-8 (3.0') (880-51623-32), SP-8 (4.0') (880-51623-33), SP-9 (0-1.0') (880-51623-34), SP-9 (1.5') (880-51623-35), SP-9 (2.0') (880-51623-36), SP-9 (3.0') (880-51623-37), SP-9 (4.0') (880-51623-38), SP-10 (0-1.0')R (880-51623-39), SP-11 (0-1.0') (880-51623-40), SP-11 (1.5') (880-51623-41), SP-11 (2.0') R (880-51623-42), SP-12 (0-1.0') (880-51623-43), SP-12 (1.5') (880-51623-44), SP-12 (2.0') (880-51623-45), SP-12 (3.0') (880-51623-46), SP-12 (4.0') (880-51623-47), SP-13 (0-1.0') (880-51623-48), SP-13 (1.5') (880-51623-49), SP-13 (2.0') (880-51623-50) and SP-13 (3.0') (880-51623-51).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-96838 and analytical batch 880-96844 was outside the upper control limits.

Method 8021B: The matrix spike (MS) recoveries for preparation batch 880-96884 and analytical batch 880-96844 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SP-1 (0-1.0') (880-51623-1), SP-1 (1.5') (880-51623-2), SP-1 (2.0') (880-51623-3), SP-1 (3.0') (880-51623-4), SP-1 (4.0') (880-51623-5), SP-2 (0-1.0') (880-51623-6), SP-2 (1.5') (880-51623-7), SP-2 (2.0') (880-51623-8), SP-2 (3.0') (880-51623-9), SP-2 (4.0') (880-51623-10), SP-3 (0-1.0') (880-51623-11), SP-3 (1.5')R (880-51623-12), SP-4 (0-1.0') (880-51623-13), SP-4 (1.5') (880-51623-14), SP-4 (2.0') (880-51623-15), SP-4 (3.0') (880-51623-16), SP-4 (4.0') (880-51623-17), SP-5 (0-1.0') (880-51623-18), SP-5 (1.5') (880-51623-19), SP-5 (2.0') (880-51623-20) and (LCSD 880-96881/2-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SP-5 (4.0') (880-51623-22). Evidence of matrix interferences is not obvious.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-96884 and analytical batch 880-96844 was outside the upper control limits.

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

Diesel Range Organics

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-96905 and analytical batch

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Case Narrative

Client: Carmona Resources
Project: Greenwood PGU #4 Battery

Job ID: 880-51623-1

Job ID: 880-51623-1 (Continued)

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880-96956 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SP-1 (1.5') (880-51623-2), SP-1 (2.0') (880-51623-3), SP-1 (3.0') (880-51623-4), SP-1 (4.0') (880-51623-5), SP-2 (1.5') (880-51623-7), SP-2 (2.0') (880-51623-8), SP-2 (3.0') (880-51623-9) and SP-2 (4.0') (880-51623-10). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-96907 and analytical batch 880-96959 was outside the upper control limits.

Method 8015MOD_NM: The closing continuing calibration verification (CCVC) associated with batch 880-96959 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: SP-9 (2.0') (880-51623-36), (LCS 880-96909/2-A) and (LCSD 880-96909/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-96909 and analytical batch 880-97011 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SP-12 (2.0') (880-51623-45) and SP-13 (3.0') (880-51623-51). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-96985 and analytical batch 880-96994 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 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-96904 and analytical batch 880-97049 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 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-96902 and analytical batch 880-96975 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.

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-51623-1

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:18	12/02/24 17:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:18	12/02/24 17:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:18	12/02/24 17:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/24 14:18	12/02/24 17:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:18	12/02/24 17:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/24 14:18	12/02/24 17:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	146	S1+	70 - 130	12/02/24 14:18	12/02/24 17:30	1
1,4-Difluorobenzene (Surr)	83		70 - 130	12/02/24 14:18	12/02/24 17:30	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			12/02/24 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	<49.7	U	49.7		mg/Kg			12/03/24 21:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/02/24 16:25	12/03/24 21:41	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		12/02/24 16:25	12/03/24 21:41	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/02/24 16:25	12/03/24 21:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	12/02/24 16:25	12/03/24 21:41	1
o-Terphenyl	71		70 - 130	12/02/24 16:25	12/03/24 21:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	98.0		10.0		mg/Kg			12/05/24 01:59	1

Client Sample ID: SP-1 (1.5')

Lab Sample ID: 880-51623-2

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:18	12/02/24 17:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:18	12/02/24 17:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:18	12/02/24 17:57	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/02/24 14:18	12/02/24 17:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:18	12/02/24 17:57	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/02/24 14:18	12/02/24 17:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	155	S1+	70 - 130	12/02/24 14:18	12/02/24 17:57	1
1,4-Difluorobenzene (Surr)	86		70 - 130	12/02/24 14:18	12/02/24 17:57	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-1 (1.5')

Lab Sample ID: 880-51623-2

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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			12/02/24 17:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	72.7		49.7		mg/Kg			12/03/24 21:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/02/24 16:25	12/03/24 21:57	1
Diesel Range Organics (Over C10-C28)	72.7		49.7		mg/Kg		12/02/24 16:25	12/03/24 21:57	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/02/24 16:25	12/03/24 21:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/02/24 16:25	12/03/24 21:57	1
o-Terphenyl	68	S1-	70 - 130				12/02/24 16:25	12/03/24 21:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	73.0		10.0		mg/Kg			12/05/24 02:15	1

Client Sample ID: SP-1 (2.0')

Lab Sample ID: 880-51623-3

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:18	12/02/24 18:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:18	12/02/24 18:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:18	12/02/24 18:23	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/02/24 14:18	12/02/24 18:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:18	12/02/24 18:23	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/02/24 14:18	12/02/24 18:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	147	S1+	70 - 130				12/02/24 14:18	12/02/24 18:23	1
1,4-Difluorobenzene (Surr)	84		70 - 130				12/02/24 14:18	12/02/24 18:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/02/24 18:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/03/24 22:29	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		12/02/24 16:25	12/03/24 22:29	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/24 16:25	12/03/24 22:29	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-1 (2.0')

Lab Sample ID: 880-51623-3

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 16:25	12/03/24 22:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/02/24 16:25	12/03/24 22:29	1
o-Terphenyl	69	S1-	70 - 130				12/02/24 16:25	12/03/24 22:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.4		9.96		mg/Kg			12/05/24 02:21	1

Client Sample ID: SP-1 (3.0')

Lab Sample ID: 880-51623-4

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:18	12/02/24 18:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:18	12/02/24 18:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:18	12/02/24 18:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/24 14:18	12/02/24 18:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:18	12/02/24 18:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/24 14:18	12/02/24 18:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	160	S1+	70 - 130				12/02/24 14:18	12/02/24 18:50	1
1,4-Difluorobenzene (Surr)	80		70 - 130				12/02/24 14:18	12/02/24 18:50	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			12/02/24 18:50	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			12/03/24 22:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/02/24 16:25	12/03/24 22:45	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/24 16:25	12/03/24 22:45	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/24 16:25	12/03/24 22:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/02/24 16:25	12/03/24 22:45	1
o-Terphenyl	68	S1-	70 - 130				12/02/24 16:25	12/03/24 22:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.9		9.92		mg/Kg			12/05/24 02:26	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-1 (4.0')

Lab Sample ID: 880-51623-5

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:18	12/02/24 19:17	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/02/24 14:18	12/02/24 19:17	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/02/24 14:18	12/02/24 19:17	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/02/24 14:18	12/02/24 19:17	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/02/24 14:18	12/02/24 19:17	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/02/24 14:18	12/02/24 19:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	164	S1+	70 - 130	12/02/24 14:18	12/02/24 19:17	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/02/24 14:18	12/02/24 19:17	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			12/02/24 19:17	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			12/03/24 23:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/02/24 16:25	12/03/24 23:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/24 16:25	12/03/24 23:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/24 16:25	12/03/24 23:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	12/02/24 16:25	12/03/24 23:01	1
o-Terphenyl	64	S1-	70 - 130	12/02/24 16:25	12/03/24 23:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.8		10.1		mg/Kg			12/05/24 02:31	1

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

Lab Sample ID: 880-51623-6

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:18	12/02/24 19:43	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/02/24 14:18	12/02/24 19:43	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/02/24 14:18	12/02/24 19:43	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/02/24 14:18	12/02/24 19:43	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/02/24 14:18	12/02/24 19:43	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/02/24 14:18	12/02/24 19:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	169	S1+	70 - 130	12/02/24 14:18	12/02/24 19:43	1
1,4-Difluorobenzene (Surr)	87		70 - 130	12/02/24 14:18	12/02/24 19:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-51623-6

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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			12/02/24 19:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/03/24 23:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/02/24 16:25	12/03/24 23:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/24 16:25	12/03/24 23:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/24 16:25	12/03/24 23:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				12/02/24 16:25	12/03/24 23:17	1
o-Terphenyl	72		70 - 130				12/02/24 16:25	12/03/24 23:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.4		9.94		mg/Kg			12/05/24 02:47	1

Client Sample ID: SP-2 (1.5')

Lab Sample ID: 880-51623-7

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:18	12/02/24 20:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:18	12/02/24 20:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:18	12/02/24 20:10	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/02/24 14:18	12/02/24 20:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:18	12/02/24 20:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/02/24 14:18	12/02/24 20:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	169	S1+	70 - 130				12/02/24 14:18	12/02/24 20:10	1
1,4-Difluorobenzene (Surr)	87		70 - 130				12/02/24 14:18	12/02/24 20:10	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			12/02/24 20:10	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			12/03/24 23:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/02/24 16:25	12/03/24 23:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/24 16:25	12/03/24 23:33	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-2 (1.5')

Lab Sample ID: 880-51623-7

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 16:25	12/03/24 23:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				12/02/24 16:25	12/03/24 23:33	1
o-Terphenyl	69	S1-	70 - 130				12/02/24 16:25	12/03/24 23:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.2		9.96		mg/Kg			12/05/24 02:52	1

Client Sample ID: SP-2 (2.0')

Lab Sample ID: 880-51623-8

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:18	12/02/24 20:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:18	12/02/24 20:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:18	12/02/24 20:36	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/02/24 14:18	12/02/24 20:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:18	12/02/24 20:36	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/02/24 14:18	12/02/24 20:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	155	S1+	70 - 130				12/02/24 14:18	12/02/24 20:36	1
1,4-Difluorobenzene (Surr)	86		70 - 130				12/02/24 14:18	12/02/24 20:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/02/24 20:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			12/03/24 23:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/02/24 16:25	12/03/24 23:48	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		12/02/24 16:25	12/03/24 23:48	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/02/24 16:25	12/03/24 23:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/02/24 16:25	12/03/24 23:48	1
o-Terphenyl	67	S1-	70 - 130				12/02/24 16:25	12/03/24 23:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.6		9.94		mg/Kg			12/05/24 02:57	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-2 (3.0')

Lab Sample ID: 880-51623-9

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:18	12/02/24 21:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:18	12/02/24 21:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:18	12/02/24 21:03	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/24 14:18	12/02/24 21:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:18	12/02/24 21:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/24 14:18	12/02/24 21:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	173	S1+	70 - 130	12/02/24 14:18	12/02/24 21:03	1
1,4-Difluorobenzene (Surr)	88		70 - 130	12/02/24 14:18	12/02/24 21:03	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/02/24 21:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/04/24 00:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/02/24 16:25	12/04/24 00:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/24 16:25	12/04/24 00:04	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/24 16:25	12/04/24 00:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	12/02/24 16:25	12/04/24 00:04	1
o-Terphenyl	68	S1-	70 - 130	12/02/24 16:25	12/04/24 00:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.1		9.94		mg/Kg			12/05/24 03:03	1

Client Sample ID: SP-2 (4.0')

Lab Sample ID: 880-51623-10

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:18	12/02/24 21:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:18	12/02/24 21:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:18	12/02/24 21:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/24 14:18	12/02/24 21:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:18	12/02/24 21:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/24 14:18	12/02/24 21:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	154	S1+	70 - 130	12/02/24 14:18	12/02/24 21:29	1
1,4-Difluorobenzene (Surr)	86		70 - 130	12/02/24 14:18	12/02/24 21:29	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-2 (4.0')

Lab Sample ID: 880-51623-10

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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			12/02/24 21:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/04/24 00:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/02/24 16:25	12/04/24 00:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/24 16:25	12/04/24 00:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/24 16:25	12/04/24 00:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				12/02/24 16:25	12/04/24 00:21	1
o-Terphenyl	67	S1-	70 - 130				12/02/24 16:25	12/04/24 00:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	69.2		10.0		mg/Kg			12/05/24 03:08	1

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

Lab Sample ID: 880-51623-11

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:18	12/02/24 23:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:18	12/02/24 23:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:18	12/02/24 23:15	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/02/24 14:18	12/02/24 23:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:18	12/02/24 23:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/02/24 14:18	12/02/24 23:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	155	S1+	70 - 130				12/02/24 14:18	12/02/24 23:15	1
1,4-Difluorobenzene (Surr)	83		70 - 130				12/02/24 14:18	12/02/24 23:15	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			12/02/24 23:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/04/24 00:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/02/24 16:25	12/04/24 00:36	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/24 16:25	12/04/24 00:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-51623-11

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 16:25	12/04/24 00:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				12/02/24 16:25	12/04/24 00:36	1
o-Terphenyl	71		70 - 130				12/02/24 16:25	12/04/24 00:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.0	F1	10.1		mg/Kg			12/05/24 03:13	1

Client Sample ID: SP-3 (1.5')R

Lab Sample ID: 880-51623-12

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:18	12/02/24 23:42	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/02/24 14:18	12/02/24 23:42	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/02/24 14:18	12/02/24 23:42	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/02/24 14:18	12/02/24 23:42	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/02/24 14:18	12/02/24 23:42	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/02/24 14:18	12/02/24 23:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	166	S1+	70 - 130				12/02/24 14:18	12/02/24 23:42	1
1,4-Difluorobenzene (Surr)	88		70 - 130				12/02/24 14:18	12/02/24 23:42	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			12/02/24 23:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	150		49.8		mg/Kg			12/04/24 00:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/02/24 16:25	12/04/24 00:52	1
Diesel Range Organics (Over C10-C28)	150		49.8		mg/Kg		12/02/24 16:25	12/04/24 00:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/24 16:25	12/04/24 00:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/02/24 16:25	12/04/24 00:52	1
o-Terphenyl	74		70 - 130				12/02/24 16:25	12/04/24 00:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.1		10.0		mg/Kg			12/05/24 03:29	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-51623-13

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:18	12/03/24 00:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:18	12/03/24 00:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:18	12/03/24 00:09	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/02/24 14:18	12/03/24 00:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:18	12/03/24 00:09	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/02/24 14:18	12/03/24 00:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	146	S1+	70 - 130	12/02/24 14:18	12/03/24 00:09	1
1,4-Difluorobenzene (Surr)	83		70 - 130	12/02/24 14:18	12/03/24 00:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/03/24 00:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/03/24 19:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/02/24 16:28	12/03/24 19:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/24 16:28	12/03/24 19:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/24 16:28	12/03/24 19:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	12/02/24 16:28	12/03/24 19:02	1
o-Terphenyl	91		70 - 130	12/02/24 16:28	12/03/24 19:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	82.1		9.96		mg/Kg			12/05/24 03:34	1

Client Sample ID: SP-4 (1.5')

Lab Sample ID: 880-51623-14

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:18	12/03/24 00:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:18	12/03/24 00:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:18	12/03/24 00:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/24 14:18	12/03/24 00:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:18	12/03/24 00:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/24 14:18	12/03/24 00:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	147	S1+	70 - 130	12/02/24 14:18	12/03/24 00:35	1
1,4-Difluorobenzene (Surr)	85		70 - 130	12/02/24 14:18	12/03/24 00:35	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-4 (1.5')

Lab Sample ID: 880-51623-14

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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			12/03/24 00:35	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			12/03/24 19:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/02/24 16:28	12/03/24 19:49	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/24 16:28	12/03/24 19:49	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/24 16:28	12/03/24 19:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				12/02/24 16:28	12/03/24 19:49	1
o-Terphenyl	94		70 - 130				12/02/24 16:28	12/03/24 19:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	93.8		9.90		mg/Kg			12/05/24 03:50	1

Client Sample ID: SP-4 (2.0')

Lab Sample ID: 880-51623-15

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:18	12/03/24 01:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:18	12/03/24 01:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:18	12/03/24 01:01	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/02/24 14:18	12/03/24 01:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:18	12/03/24 01:01	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/02/24 14:18	12/03/24 01:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	173	S1+	70 - 130				12/02/24 14:18	12/03/24 01:01	1
1,4-Difluorobenzene (Surr)	88		70 - 130				12/02/24 14:18	12/03/24 01:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/03/24 01:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	85.1		49.8		mg/Kg			12/03/24 20:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/02/24 16:28	12/03/24 20:06	1
Diesel Range Organics (Over C10-C28)	85.1		49.8		mg/Kg		12/02/24 16:28	12/03/24 20:06	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-4 (2.0') Lab Sample ID: 880-51623-15
Date Collected: 11/27/24 00:00 Matrix: Solid
Date Received: 12/02/24 12:44

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		12/02/24 16:28	12/03/24 20:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				12/02/24 16:28	12/03/24 20:06	1
o-Terphenyl	91		70 - 130				12/02/24 16:28	12/03/24 20:06	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	73.2		10.0		mg/Kg			12/05/24 03:56	1

Client Sample ID: SP-4 (3.0') Lab Sample ID: 880-51623-16
Date Collected: 11/27/24 00:00 Matrix: Solid
Date Received: 12/02/24 12:44

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		12/02/24 14:18	12/03/24 01:28	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/02/24 14:18	12/03/24 01:28	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/02/24 14:18	12/03/24 01:28	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/02/24 14:18	12/03/24 01:28	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/02/24 14:18	12/03/24 01:28	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/02/24 14:18	12/03/24 01:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	164	S1+	70 - 130				12/02/24 14:18	12/03/24 01:28	1
1,4-Difluorobenzene (Surr)	87		70 - 130				12/02/24 14:18	12/03/24 01:28	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			12/03/24 01:28	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/03/24 20:21	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/02/24 16:28	12/03/24 20:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/24 16:28	12/03/24 20:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/24 16:28	12/03/24 20:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				12/02/24 16:28	12/03/24 20:21	1
o-Terphenyl	90		70 - 130				12/02/24 16:28	12/03/24 20:21	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.6		9.94		mg/Kg			12/05/24 04:01	1

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-4 (4.0')

Lab Sample ID: 880-51623-17

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:18	12/03/24 01:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:18	12/03/24 01:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:18	12/03/24 01:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/24 14:18	12/03/24 01:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:18	12/03/24 01:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/24 14:18	12/03/24 01:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	167	S1+	70 - 130	12/02/24 14:18	12/03/24 01:54	1
1,4-Difluorobenzene (Surr)	86		70 - 130	12/02/24 14:18	12/03/24 01:54	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			12/03/24 01:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			12/03/24 20:37	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	<49.7	U	49.7		mg/Kg		12/02/24 16:28	12/03/24 20:37	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		12/02/24 16:28	12/03/24 20:37	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/02/24 16:28	12/03/24 20:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	12/02/24 16:28	12/03/24 20:37	1
o-Terphenyl	90		70 - 130	12/02/24 16:28	12/03/24 20:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	105		9.98		mg/Kg			12/05/24 04:06	1

Client Sample ID: SP-5 (0-1.0')

Lab Sample ID: 880-51623-18

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:18	12/03/24 02:21	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/02/24 14:18	12/03/24 02:21	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/02/24 14:18	12/03/24 02:21	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/02/24 14:18	12/03/24 02:21	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/02/24 14:18	12/03/24 02:21	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/02/24 14:18	12/03/24 02:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	170	S1+	70 - 130	12/02/24 14:18	12/03/24 02:21	1
1,4-Difluorobenzene (Surr)	90		70 - 130	12/02/24 14:18	12/03/24 02:21	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-5 (0-1.0')

Lab Sample ID: 880-51623-18

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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			12/03/24 02:21	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			12/03/24 20:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/02/24 16:28	12/03/24 20:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/24 16:28	12/03/24 20:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/24 16:28	12/03/24 20:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				12/02/24 16:28	12/03/24 20:53	1
o-Terphenyl	91		70 - 130				12/02/24 16:28	12/03/24 20:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	85.3		9.98		mg/Kg			12/05/24 04:11	1

Client Sample ID: SP-5 (1.5')

Lab Sample ID: 880-51623-19

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:18	12/03/24 02:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:18	12/03/24 02:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:18	12/03/24 02:48	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/02/24 14:18	12/03/24 02:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:18	12/03/24 02:48	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/02/24 14:18	12/03/24 02:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	175	S1+	70 - 130				12/02/24 14:18	12/03/24 02:48	1
1,4-Difluorobenzene (Surr)	89		70 - 130				12/02/24 14:18	12/03/24 02:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/03/24 02:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/03/24 21:09	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	<50.0	U	50.0		mg/Kg		12/02/24 16:28	12/03/24 21:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/24 16:28	12/03/24 21:09	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-5 (1.5')

Lab Sample ID: 880-51623-19

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 16:28	12/03/24 21:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				12/02/24 16:28	12/03/24 21:09	1
o-Terphenyl	94		70 - 130				12/02/24 16:28	12/03/24 21:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	78.7		9.96		mg/Kg			12/05/24 04:17	1

Client Sample ID: SP-5 (2.0')

Lab Sample ID: 880-51623-20

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:18	12/03/24 03:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:18	12/03/24 03:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:18	12/03/24 03:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/24 14:18	12/03/24 03:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:18	12/03/24 03:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/24 14:18	12/03/24 03:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	167	S1+	70 - 130				12/02/24 14:18	12/03/24 03:14	1
1,4-Difluorobenzene (Surr)	88		70 - 130				12/02/24 14:18	12/03/24 03:14	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			12/03/24 03:14	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			12/03/24 21:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/02/24 16:28	12/03/24 21:25	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/24 16:28	12/03/24 21:25	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/24 16:28	12/03/24 21:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				12/02/24 16:28	12/03/24 21:25	1
o-Terphenyl	102		70 - 130				12/02/24 16:28	12/03/24 21:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	90.9		9.98		mg/Kg			12/05/24 04:22	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-5 (3.0')

Lab Sample ID: 880-51623-21

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:31	12/02/24 22:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:31	12/02/24 22:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:31	12/02/24 22:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/24 14:31	12/02/24 22:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:31	12/02/24 22:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/24 14:31	12/02/24 22:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	12/02/24 14:31	12/02/24 22:58	1
1,4-Difluorobenzene (Surr)	97		70 - 130	12/02/24 14:31	12/02/24 22:58	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			12/02/24 22:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/03/24 21:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/02/24 16:28	12/03/24 21:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/24 16:28	12/03/24 21:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/24 16:28	12/03/24 21:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	12/02/24 16:28	12/03/24 21:41	1
o-Terphenyl	95		70 - 130	12/02/24 16:28	12/03/24 21:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	72.8		9.94		mg/Kg			12/04/24 13:41	1

Client Sample ID: SP-5 (4.0')

Lab Sample ID: 880-51623-22

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:31	12/02/24 23:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:31	12/02/24 23:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:31	12/02/24 23:19	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/02/24 14:31	12/02/24 23:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:31	12/02/24 23:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/02/24 14:31	12/02/24 23:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	12/02/24 14:31	12/02/24 23:19	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/02/24 14:31	12/02/24 23:19	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-5 (4.0')

Lab Sample ID: 880-51623-22

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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			12/02/24 23:19	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			12/03/24 21:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/02/24 16:28	12/03/24 21:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/24 16:28	12/03/24 21:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/24 16:28	12/03/24 21:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				12/02/24 16:28	12/03/24 21:57	1
o-Terphenyl	89		70 - 130				12/02/24 16:28	12/03/24 21:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			12/04/24 13:57	1

Client Sample ID: SP-6 (0-1.0')

Lab Sample ID: 880-51623-23

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:31	12/02/24 23:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:31	12/02/24 23:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:31	12/02/24 23:39	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/02/24 14:31	12/02/24 23:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:31	12/02/24 23:39	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/02/24 14:31	12/02/24 23:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				12/02/24 14:31	12/02/24 23:39	1
1,4-Difluorobenzene (Surr)	97		70 - 130				12/02/24 14:31	12/02/24 23:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/02/24 23:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/03/24 22:29	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		12/02/24 16:28	12/03/24 22:29	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/24 16:28	12/03/24 22:29	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-6 (0-1.0')

Lab Sample ID: 880-51623-23

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 16:28	12/03/24 22:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				12/02/24 16:28	12/03/24 22:29	1
o-Terphenyl	96		70 - 130				12/02/24 16:28	12/03/24 22:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80.8		9.96		mg/Kg			12/04/24 14:02	1

Client Sample ID: SP-6 (1.5')

Lab Sample ID: 880-51623-24

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:31	12/03/24 00:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:31	12/03/24 00:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:31	12/03/24 00:00	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/24 14:31	12/03/24 00:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:31	12/03/24 00:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/24 14:31	12/03/24 00:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130				12/02/24 14:31	12/03/24 00:00	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/02/24 14:31	12/03/24 00:00	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			12/03/24 00:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/03/24 22:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/02/24 16:28	12/03/24 22:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/24 16:28	12/03/24 22:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/24 16:28	12/03/24 22:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				12/02/24 16:28	12/03/24 22:45	1
o-Terphenyl	89		70 - 130				12/02/24 16:28	12/03/24 22:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	100		10.0		mg/Kg			12/04/24 14:07	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-6 (2.0')

Lab Sample ID: 880-51623-25

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:31	12/03/24 00:20	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/02/24 14:31	12/03/24 00:20	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/02/24 14:31	12/03/24 00:20	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/02/24 14:31	12/03/24 00:20	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/02/24 14:31	12/03/24 00:20	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/02/24 14:31	12/03/24 00:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	12/02/24 14:31	12/03/24 00:20	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/02/24 14:31	12/03/24 00:20	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			12/03/24 00:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/03/24 23:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/02/24 16:28	12/03/24 23:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/24 16:28	12/03/24 23:01	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/24 16:28	12/03/24 23:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	12/02/24 16:28	12/03/24 23:01	1
o-Terphenyl	90		70 - 130	12/02/24 16:28	12/03/24 23:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	91.7		10.0		mg/Kg			12/04/24 14:12	1

Client Sample ID: SP-6 (3.0')

Lab Sample ID: 880-51623-26

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:31	12/03/24 00:41	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/02/24 14:31	12/03/24 00:41	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/02/24 14:31	12/03/24 00:41	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/02/24 14:31	12/03/24 00:41	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/02/24 14:31	12/03/24 00:41	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/02/24 14:31	12/03/24 00:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	12/02/24 14:31	12/03/24 00:41	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/02/24 14:31	12/03/24 00:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-6 (3.0')

Lab Sample ID: 880-51623-26

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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			12/03/24 00:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/03/24 23:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/02/24 16:28	12/03/24 23:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/24 16:28	12/03/24 23:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/24 16:28	12/03/24 23:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				12/02/24 16:28	12/03/24 23:17	1
o-Terphenyl	91		70 - 130				12/02/24 16:28	12/03/24 23:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	62.8		9.98		mg/Kg			12/04/24 14:28	1

Client Sample ID: SP-6 (4.0')

Lab Sample ID: 880-51623-27

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:31	12/03/24 01:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:31	12/03/24 01:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:31	12/03/24 01:01	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/02/24 14:31	12/03/24 01:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:31	12/03/24 01:01	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/02/24 14:31	12/03/24 01:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				12/02/24 14:31	12/03/24 01:01	1
1,4-Difluorobenzene (Surr)	94		70 - 130				12/02/24 14:31	12/03/24 01:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/03/24 01:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/03/24 23:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/02/24 16:28	12/03/24 23:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/24 16:28	12/03/24 23:33	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-6 (4.0')

Lab Sample ID: 880-51623-27

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 16:28	12/03/24 23:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				12/02/24 16:28	12/03/24 23:33	1
o-Terphenyl	90		70 - 130				12/02/24 16:28	12/03/24 23:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79.6		9.90		mg/Kg			12/04/24 14:34	1

Client Sample ID: SP-7 (0-1.0')R

Lab Sample ID: 880-51623-28

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:31	12/03/24 01:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:31	12/03/24 01:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:31	12/03/24 01:22	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/02/24 14:31	12/03/24 01:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:31	12/03/24 01:22	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/02/24 14:31	12/03/24 01:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				12/02/24 14:31	12/03/24 01:22	1
1,4-Difluorobenzene (Surr)	97		70 - 130				12/02/24 14:31	12/03/24 01:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/03/24 01:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/03/24 23:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/02/24 16:28	12/03/24 23:48	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/24 16:28	12/03/24 23:48	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/24 16:28	12/03/24 23:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				12/02/24 16:28	12/03/24 23:48	1
o-Terphenyl	107		70 - 130				12/02/24 16:28	12/03/24 23:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102		10.0		mg/Kg			12/04/24 14:39	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-8 (0-1.0')

Lab Sample ID: 880-51623-29

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:31	12/03/24 01:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:31	12/03/24 01:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:31	12/03/24 01:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/24 14:31	12/03/24 01:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:31	12/03/24 01:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/24 14:31	12/03/24 01:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	12/02/24 14:31	12/03/24 01:42	1
1,4-Difluorobenzene (Surr)	97		70 - 130	12/02/24 14:31	12/03/24 01:42	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			12/03/24 01:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/04/24 00:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/02/24 16:28	12/04/24 00:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/24 16:28	12/04/24 00:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/24 16:28	12/04/24 00:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	12/02/24 16:28	12/04/24 00:04	1
o-Terphenyl	90		70 - 130	12/02/24 16:28	12/04/24 00:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	73.9		10.0		mg/Kg			12/04/24 14:44	1

Client Sample ID: SP-8 (1.5')

Lab Sample ID: 880-51623-30

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:31	12/03/24 02:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:31	12/03/24 02:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:31	12/03/24 02:03	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/24 14:31	12/03/24 02:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:31	12/03/24 02:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/24 14:31	12/03/24 02:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130	12/02/24 14:31	12/03/24 02:03	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/02/24 14:31	12/03/24 02:03	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-8 (1.5')

Lab Sample ID: 880-51623-30

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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			12/03/24 02:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/04/24 00:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/02/24 16:28	12/04/24 00:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/24 16:28	12/04/24 00:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/24 16:28	12/04/24 00:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				12/02/24 16:28	12/04/24 00:21	1
o-Terphenyl	89		70 - 130				12/02/24 16:28	12/04/24 00:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	82.3		10.0		mg/Kg			12/04/24 14:49	1

Client Sample ID: SP-8 (2.0')

Lab Sample ID: 880-51623-31

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:31	12/03/24 03:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:31	12/03/24 03:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:31	12/03/24 03:26	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/02/24 14:31	12/03/24 03:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:31	12/03/24 03:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/02/24 14:31	12/03/24 03:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130				12/02/24 14:31	12/03/24 03:26	1
1,4-Difluorobenzene (Surr)	97		70 - 130				12/02/24 14:31	12/03/24 03:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/03/24 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	<49.7	U	49.7		mg/Kg			12/04/24 00:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/02/24 16:28	12/04/24 00:36	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		12/02/24 16:28	12/04/24 00:36	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-8 (2.0')

Lab Sample ID: 880-51623-31

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/02/24 16:28	12/04/24 00:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				12/02/24 16:28	12/04/24 00:36	1
o-Terphenyl	92		70 - 130				12/02/24 16:28	12/04/24 00:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.2		9.96		mg/Kg			12/04/24 14:55	1

Client Sample ID: SP-8 (3.0')

Lab Sample ID: 880-51623-32

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:31	12/03/24 03:46	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/02/24 14:31	12/03/24 03:46	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/02/24 14:31	12/03/24 03:46	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/02/24 14:31	12/03/24 03:46	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/02/24 14:31	12/03/24 03:46	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/02/24 14:31	12/03/24 03:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				12/02/24 14:31	12/03/24 03:46	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/02/24 14:31	12/03/24 03:46	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			12/03/24 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	<49.8	U	49.8		mg/Kg			12/04/24 00:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/02/24 16:28	12/04/24 00:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/24 16:28	12/04/24 00:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/24 16:28	12/04/24 00:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				12/02/24 16:28	12/04/24 00:52	1
o-Terphenyl	91		70 - 130				12/02/24 16:28	12/04/24 00:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	78.4		9.98		mg/Kg			12/04/24 15:10	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-8 (4.0')

Lab Sample ID: 880-51623-33

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:31	12/03/24 04:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:31	12/03/24 04:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:31	12/03/24 04:07	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/02/24 14:31	12/03/24 04:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:31	12/03/24 04:07	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/02/24 14:31	12/03/24 04:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	12/02/24 14:31	12/03/24 04:07	1
1,4-Difluorobenzene (Surr)	97		70 - 130	12/02/24 14:31	12/03/24 04:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/03/24 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	<49.9	U	49.9		mg/Kg			12/03/24 17:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *	49.9		mg/Kg		12/02/24 16:32	12/03/24 17:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/24 16:32	12/03/24 17:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/24 16:32	12/03/24 17:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130	12/02/24 16:32	12/03/24 17:46	1
o-Terphenyl	82		70 - 130	12/02/24 16:32	12/03/24 17:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.3		10.1		mg/Kg			12/04/24 15:16	1

Client Sample ID: SP-9 (0-1.0')

Lab Sample ID: 880-51623-34

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:31	12/03/24 04:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:31	12/03/24 04:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:31	12/03/24 04:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/24 14:31	12/03/24 04:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:31	12/03/24 04:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/24 14:31	12/03/24 04:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	12/02/24 14:31	12/03/24 04:27	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/02/24 14:31	12/03/24 04:27	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-9 (0-1.0')

Lab Sample ID: 880-51623-34

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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			12/03/24 04:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	228		49.8		mg/Kg			12/03/24 18:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/02/24 16:32	12/03/24 18:32	1
Diesel Range Organics (Over C10-C28)	228		49.8		mg/Kg		12/02/24 16:32	12/03/24 18:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/24 16:32	12/03/24 18:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				12/02/24 16:32	12/03/24 18:32	1
o-Terphenyl	81		70 - 130				12/02/24 16:32	12/03/24 18:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	92.1		9.96		mg/Kg			12/04/24 15:31	1

Client Sample ID: SP-9 (1.5')

Lab Sample ID: 880-51623-35

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:31	12/03/24 04:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:31	12/03/24 04:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:31	12/03/24 04:48	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/02/24 14:31	12/03/24 04:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:31	12/03/24 04:48	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/02/24 14:31	12/03/24 04:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				12/02/24 14:31	12/03/24 04:48	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/02/24 14:31	12/03/24 04:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/03/24 04:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	547		50.0		mg/Kg			12/03/24 18:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/02/24 16:32	12/03/24 18:46	1
Diesel Range Organics (Over C10-C28)	547		50.0		mg/Kg		12/02/24 16:32	12/03/24 18:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-9 (1.5')

Lab Sample ID: 880-51623-35

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 16:32	12/03/24 18:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/02/24 16:32	12/03/24 18:46	1
o-Terphenyl	87		70 - 130				12/02/24 16:32	12/03/24 18:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79.9		9.94		mg/Kg			12/04/24 15:37	1

Client Sample ID: SP-9 (2.0')

Lab Sample ID: 880-51623-36

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:31	12/03/24 05:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/02/24 14:31	12/03/24 05:08	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/02/24 14:31	12/03/24 05:08	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/02/24 14:31	12/03/24 05:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/02/24 14:31	12/03/24 05:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/02/24 14:31	12/03/24 05:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				12/02/24 14:31	12/03/24 05:08	1
1,4-Difluorobenzene (Surr)	98		70 - 130				12/02/24 14:31	12/03/24 05:08	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			12/03/24 05:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	69.3		49.7		mg/Kg			12/03/24 19:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		12/02/24 16:32	12/03/24 19:02	1
Diesel Range Organics (Over C10-C28)	69.3		49.7		mg/Kg		12/02/24 16:32	12/03/24 19:02	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/02/24 16:32	12/03/24 19:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	59	S1-	70 - 130				12/02/24 16:32	12/03/24 19:02	1
o-Terphenyl	66	S1-	70 - 130				12/02/24 16:32	12/03/24 19:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	104		10.0		mg/Kg			12/04/24 15:42	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-9 (3.0')

Lab Sample ID: 880-51623-37

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:31	12/03/24 05:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:31	12/03/24 05:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:31	12/03/24 05:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/24 14:31	12/03/24 05:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:31	12/03/24 05:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/24 14:31	12/03/24 05:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	12/02/24 14:31	12/03/24 05:29	1
1,4-Difluorobenzene (Surr)	97		70 - 130	12/02/24 14:31	12/03/24 05:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/03/24 05:29	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			12/03/24 19:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *	49.8		mg/Kg		12/02/24 16:32	12/03/24 19:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/24 16:32	12/03/24 19:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/24 16:32	12/03/24 19:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130	12/02/24 16:32	12/03/24 19:17	1
o-Terphenyl	84		70 - 130	12/02/24 16:32	12/03/24 19:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	240		10.0		mg/Kg			12/04/24 15:47	1

Client Sample ID: SP-9 (4.0')

Lab Sample ID: 880-51623-38

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:31	12/03/24 05:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/02/24 14:31	12/03/24 05:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/02/24 14:31	12/03/24 05:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/02/24 14:31	12/03/24 05:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/02/24 14:31	12/03/24 05:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/02/24 14:31	12/03/24 05:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	12/02/24 14:31	12/03/24 05:49	1
1,4-Difluorobenzene (Surr)	98		70 - 130	12/02/24 14:31	12/03/24 05:49	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-9 (4.0')

Lab Sample ID: 880-51623-38

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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			12/03/24 05:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	463		49.9		mg/Kg			12/03/24 19:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *	49.9		mg/Kg		12/02/24 16:32	12/03/24 19:33	1
Diesel Range Organics (Over C10-C28)	463		49.9		mg/Kg		12/02/24 16:32	12/03/24 19:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/24 16:32	12/03/24 19:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/02/24 16:32	12/03/24 19:33	1
o-Terphenyl	92		70 - 130				12/02/24 16:32	12/03/24 19:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	371		9.90		mg/Kg			12/04/24 15:53	1

Client Sample ID: SP-10 (0-1.0')R

Lab Sample ID: 880-51623-39

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:31	12/03/24 06:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:31	12/03/24 06:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:31	12/03/24 06:10	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/02/24 14:31	12/03/24 06:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:31	12/03/24 06:10	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/02/24 14:31	12/03/24 06:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130				12/02/24 14:31	12/03/24 06:10	1
1,4-Difluorobenzene (Surr)	96		70 - 130				12/02/24 14:31	12/03/24 06:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/03/24 06:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/03/24 19:47	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		12/02/24 16:32	12/03/24 19:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/24 16:32	12/03/24 19:47	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-10 (0-1.0')R

Lab Sample ID: 880-51623-39

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 16:32	12/03/24 19:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				12/02/24 16:32	12/03/24 19:47	1
o-Terphenyl	90		70 - 130				12/02/24 16:32	12/03/24 19:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		9.90		mg/Kg			12/04/24 15:58	1

Client Sample ID: SP-11 (0-1.0')

Lab Sample ID: 880-51623-40

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:31	12/03/24 06:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:31	12/03/24 06:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:31	12/03/24 06:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/24 14:31	12/03/24 06:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:31	12/03/24 06:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/24 14:31	12/03/24 06:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				12/02/24 14:31	12/03/24 06:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130				12/02/24 14:31	12/03/24 06:30	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			12/03/24 06:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/03/24 20:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/02/24 16:32	12/03/24 20:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/24 16:32	12/03/24 20:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/24 16:32	12/03/24 20:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/02/24 16:32	12/03/24 20:03	1
o-Terphenyl	81		70 - 130				12/02/24 16:32	12/03/24 20:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.1		10.1		mg/Kg			12/04/24 16:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-11 (1.5')

Lab Sample ID: 880-51623-41

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:37	12/03/24 01:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:37	12/03/24 01:39	1
Ethylbenzene	<0.00199	U F1	0.00199		mg/Kg		12/02/24 14:37	12/03/24 01:39	1
m-Xylene & p-Xylene	<0.00398	U F1	0.00398		mg/Kg		12/02/24 14:37	12/03/24 01:39	1
o-Xylene	<0.00199	U F1	0.00199		mg/Kg		12/02/24 14:37	12/03/24 01:39	1
Xylenes, Total	<0.00398	U F1	0.00398		mg/Kg		12/02/24 14:37	12/03/24 01:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	12/02/24 14:37	12/03/24 01:39	1
1,4-Difluorobenzene (Surr)	98		70 - 130	12/02/24 14:37	12/03/24 01:39	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			12/03/24 01:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/03/24 20:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0		mg/Kg		12/02/24 16:32	12/03/24 20:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/24 16:32	12/03/24 20:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/24 16:32	12/03/24 20:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	12/02/24 16:32	12/03/24 20:17	1
o-Terphenyl	82		70 - 130	12/02/24 16:32	12/03/24 20:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	574		49.9		mg/Kg			12/06/24 15:02	5

Client Sample ID: SP-11 (2.0') R

Lab Sample ID: 880-51623-42

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:37	12/03/24 02:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:37	12/03/24 02:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:37	12/03/24 02:00	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/02/24 14:37	12/03/24 02:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:37	12/03/24 02:00	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/02/24 14:37	12/03/24 02:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	12/02/24 14:37	12/03/24 02:00	1
1,4-Difluorobenzene (Surr)	106		70 - 130	12/02/24 14:37	12/03/24 02:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-11 (2.0') R

Lab Sample ID: 880-51623-42

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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			12/03/24 02:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/03/24 20:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/02/24 16:32	12/03/24 20:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/24 16:32	12/03/24 20:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/24 16:32	12/03/24 20:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/02/24 16:32	12/03/24 20:32	1
o-Terphenyl	76		70 - 130				12/02/24 16:32	12/03/24 20:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	124		10.0		mg/Kg			12/06/24 11:27	1

Client Sample ID: SP-12 (0-1.0')

Lab Sample ID: 880-51623-43

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:37	12/03/24 02:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:37	12/03/24 02:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:37	12/03/24 02:20	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/02/24 14:37	12/03/24 02:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:37	12/03/24 02:20	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/02/24 14:37	12/03/24 02:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				12/02/24 14:37	12/03/24 02:20	1
1,4-Difluorobenzene (Surr)	101		70 - 130				12/02/24 14:37	12/03/24 02:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/03/24 02:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	111		49.8		mg/Kg			12/03/24 21:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/02/24 16:32	12/03/24 21:01	1
Diesel Range Organics (Over C10-C28)	111		49.8		mg/Kg		12/02/24 16:32	12/03/24 21:01	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-12 (0-1.0')

Lab Sample ID: 880-51623-43

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 16:32	12/03/24 21:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/02/24 16:32	12/03/24 21:01	1
o-Terphenyl	78		70 - 130				12/02/24 16:32	12/03/24 21:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	128		10.0		mg/Kg			12/06/24 11:34	1

Client Sample ID: SP-12 (1.5')

Lab Sample ID: 880-51623-44

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:37	12/03/24 02:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:37	12/03/24 02:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:37	12/03/24 02:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/24 14:37	12/03/24 02:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:37	12/03/24 02:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/24 14:37	12/03/24 02:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/02/24 14:37	12/03/24 02:41	1
1,4-Difluorobenzene (Surr)	101		70 - 130				12/02/24 14:37	12/03/24 02:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/03/24 02:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	50.3		49.7		mg/Kg			12/03/24 21:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		12/02/24 16:32	12/03/24 21:16	1
Diesel Range Organics (Over C10-C28)	50.3		49.7		mg/Kg		12/02/24 16:32	12/03/24 21:16	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/02/24 16:32	12/03/24 21:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/02/24 16:32	12/03/24 21:16	1
o-Terphenyl	79		70 - 130				12/02/24 16:32	12/03/24 21:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.0		9.96		mg/Kg			12/06/24 11:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-12 (2.0')

Lab Sample ID: 880-51623-45

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:37	12/03/24 03:01	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/02/24 14:37	12/03/24 03:01	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/02/24 14:37	12/03/24 03:01	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/02/24 14:37	12/03/24 03:01	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/02/24 14:37	12/03/24 03:01	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/02/24 14:37	12/03/24 03:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	12/02/24 14:37	12/03/24 03:01	1
1,4-Difluorobenzene (Surr)	103		70 - 130	12/02/24 14:37	12/03/24 03:01	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			12/03/24 03:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	10700		250		mg/Kg			12/03/24 21:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<250	U *	250		mg/Kg		12/02/24 16:32	12/03/24 21:30	5
Diesel Range Organics (Over C10-C28)	10700		250		mg/Kg		12/02/24 16:32	12/03/24 21:30	5
Oil Range Organics (Over C28-C36)	<250	U	250		mg/Kg		12/02/24 16:32	12/03/24 21:30	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	12/02/24 16:32	12/03/24 21:30	5
o-Terphenyl	314	S1+	70 - 130	12/02/24 16:32	12/03/24 21:30	5

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75.6		9.96		mg/Kg			12/06/24 11:48	1

Client Sample ID: SP-12 (3.0')

Lab Sample ID: 880-51623-46

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:37	12/03/24 03:22	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/02/24 14:37	12/03/24 03:22	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/02/24 14:37	12/03/24 03:22	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/02/24 14:37	12/03/24 03:22	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/02/24 14:37	12/03/24 03:22	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/02/24 14:37	12/03/24 03:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	12/02/24 14:37	12/03/24 03:22	1
1,4-Difluorobenzene (Surr)	105		70 - 130	12/02/24 14:37	12/03/24 03:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-12 (3.0')

Lab Sample ID: 880-51623-46

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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			12/03/24 03:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1200		50.0		mg/Kg			12/03/24 21:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/02/24 16:32	12/03/24 21:46	1
Diesel Range Organics (Over C10-C28)	1200		50.0		mg/Kg		12/02/24 16:32	12/03/24 21:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/24 16:32	12/03/24 21:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				12/02/24 16:32	12/03/24 21:46	1
o-Terphenyl	96		70 - 130				12/02/24 16:32	12/03/24 21:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	124		10.0		mg/Kg			12/06/24 11:55	1

Client Sample ID: SP-12 (4.0')

Lab Sample ID: 880-51623-47

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:37	12/03/24 03:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:37	12/03/24 03:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:37	12/03/24 03:42	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/02/24 14:37	12/03/24 03:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:37	12/03/24 03:42	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/02/24 14:37	12/03/24 03:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				12/02/24 14:37	12/03/24 03:42	1
1,4-Difluorobenzene (Surr)	100		70 - 130				12/02/24 14:37	12/03/24 03:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/03/24 03:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	79.6		49.8		mg/Kg			12/03/24 22:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/02/24 16:32	12/03/24 22:00	1
Diesel Range Organics (Over C10-C28)	79.6		49.8		mg/Kg		12/02/24 16:32	12/03/24 22:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-12 (4.0')

Lab Sample ID: 880-51623-47

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 16:32	12/03/24 22:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/02/24 16:32	12/03/24 22:00	1
o-Terphenyl	89		70 - 130				12/02/24 16:32	12/03/24 22:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	309	F1	9.96		mg/Kg			12/03/24 22:13	1

Client Sample ID: SP-13 (0-1.0')

Lab Sample ID: 880-51623-48

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:37	12/03/24 04:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:37	12/03/24 04:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:37	12/03/24 04:23	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/02/24 14:37	12/03/24 04:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:37	12/03/24 04:23	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/02/24 14:37	12/03/24 04:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				12/02/24 14:37	12/03/24 04:23	1
1,4-Difluorobenzene (Surr)	96		70 - 130				12/02/24 14:37	12/03/24 04:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/03/24 04:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/03/24 22:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/02/24 16:32	12/03/24 22:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/24 16:32	12/03/24 22:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/24 16:32	12/03/24 22:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/02/24 16:32	12/03/24 22:16	1
o-Terphenyl	82		70 - 130				12/02/24 16:32	12/03/24 22:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.3		9.92		mg/Kg			12/03/24 22:29	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-13 (1.5')

Lab Sample ID: 880-51623-49

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:37	12/03/24 04:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:37	12/03/24 04:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:37	12/03/24 04:02	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/24 14:37	12/03/24 04:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:37	12/03/24 04:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/24 14:37	12/03/24 04:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	12/02/24 14:37	12/03/24 04:02	1
1,4-Difluorobenzene (Surr)	100		70 - 130	12/02/24 14:37	12/03/24 04:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/03/24 04:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/03/24 22:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *	49.8		mg/Kg		12/02/24 16:32	12/03/24 22:30	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/24 16:32	12/03/24 22:30	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/24 16:32	12/03/24 22:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130	12/02/24 16:32	12/03/24 22:30	1
o-Terphenyl	79		70 - 130	12/02/24 16:32	12/03/24 22:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	106		10.1		mg/Kg			12/03/24 22:35	1

Client Sample ID: SP-13 (2.0')

Lab Sample ID: 880-51623-50

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:37	12/03/24 04:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:37	12/03/24 04:43	1
Ethylbenzene	0.00243		0.00199		mg/Kg		12/02/24 14:37	12/03/24 04:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/24 14:37	12/03/24 04:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:37	12/03/24 04:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/24 14:37	12/03/24 04:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	12/02/24 14:37	12/03/24 04:43	1
1,4-Difluorobenzene (Surr)	77		70 - 130	12/02/24 14:37	12/03/24 04:43	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-13 (2.0')

Lab Sample ID: 880-51623-50

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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			12/03/24 04:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1270		50.0		mg/Kg			12/03/24 22:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/02/24 16:32	12/03/24 22:45	1
Diesel Range Organics (Over C10-C28)	1270		50.0		mg/Kg		12/02/24 16:32	12/03/24 22:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/24 16:32	12/03/24 22:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/02/24 16:32	12/03/24 22:45	1
o-Terphenyl	88		70 - 130				12/02/24 16:32	12/03/24 22:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			12/03/24 22:40	1

Client Sample ID: SP-13 (3.0')

Lab Sample ID: 880-51623-51

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00901		0.00200		mg/Kg		12/02/24 14:37	12/03/24 06:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:37	12/03/24 06:33	1
Ethylbenzene	0.0161		0.00200		mg/Kg		12/02/24 14:37	12/03/24 06:33	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/02/24 14:37	12/03/24 06:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:37	12/03/24 06:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/02/24 14:37	12/03/24 06:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	70		70 - 130				12/02/24 14:37	12/03/24 06:33	1
1,4-Difluorobenzene (Surr)	73		70 - 130				12/02/24 14:37	12/03/24 06:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0251		0.00399		mg/Kg			12/03/24 06:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	8560		249		mg/Kg			12/03/24 23:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<249	U **	249		mg/Kg		12/02/24 16:32	12/03/24 23:00	5
Diesel Range Organics (Over C10-C28)	8560		249		mg/Kg		12/02/24 16:32	12/03/24 23:00	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-13 (3.0') Lab Sample ID: 880-51623-51
Date Collected: 11/27/24 00:00 Matrix: Solid
Date Received: 12/02/24 12:44

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)	<249	U	249		mg/Kg		12/02/24 16:32	12/03/24 23:00	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				12/02/24 16:32	12/03/24 23:00	5
o-Terphenyl	330	S1+	70 - 130				12/02/24 16:32	12/03/24 23:00	5
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	85.5		9.96		mg/Kg			12/03/24 22:45	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-51623-1	SP-1 (0-1.0')	146 S1+	83
880-51623-1 MS	SP-1 (0-1.0')	106	82
880-51623-1 MSD	SP-1 (0-1.0')	128	79
880-51623-2	SP-1 (1.5')	155 S1+	86
880-51623-3	SP-1 (2.0')	147 S1+	84
880-51623-4	SP-1 (3.0')	160 S1+	80
880-51623-5	SP-1 (4.0')	164 S1+	93
880-51623-6	SP-2 (0-1.0')	169 S1+	87
880-51623-7	SP-2 (1.5')	169 S1+	87
880-51623-8	SP-2 (2.0')	155 S1+	86
880-51623-9	SP-2 (3.0')	173 S1+	88
880-51623-10	SP-2 (4.0')	154 S1+	86
880-51623-11	SP-3 (0-1.0')	155 S1+	83
880-51623-12	SP-3 (1.5')R	166 S1+	88
880-51623-13	SP-4 (0-1.0')	146 S1+	83
880-51623-14	SP-4 (1.5')	147 S1+	85
880-51623-15	SP-4 (2.0')	173 S1+	88
880-51623-16	SP-4 (3.0')	164 S1+	87
880-51623-17	SP-4 (4.0')	167 S1+	86
880-51623-18	SP-5 (0-1.0')	170 S1+	90
880-51623-19	SP-5 (1.5')	175 S1+	89
880-51623-20	SP-5 (2.0')	167 S1+	88
880-51623-21	SP-5 (3.0')	125	97
880-51623-21 MS	SP-5 (3.0')	102	99
880-51623-21 MSD	SP-5 (3.0')	104	97
880-51623-22	SP-5 (4.0')	131 S1+	95
880-51623-23	SP-6 (0-1.0')	124	97
880-51623-24	SP-6 (1.5')	127	95
880-51623-25	SP-6 (2.0')	124	96
880-51623-26	SP-6 (3.0')	125	95
880-51623-27	SP-6 (4.0')	121	94
880-51623-28	SP-7 (0-1.0')R	122	97
880-51623-29	SP-8 (0-1.0')	122	97
880-51623-30	SP-8 (1.5')	129	95
880-51623-31	SP-8 (2.0')	129	97
880-51623-32	SP-8 (3.0')	121	95
880-51623-33	SP-8 (4.0')	126	97
880-51623-34	SP-9 (0-1.0')	124	96
880-51623-35	SP-9 (1.5')	114	104
880-51623-36	SP-9 (2.0')	117	98
880-51623-37	SP-9 (3.0')	119	97
880-51623-38	SP-9 (4.0')	119	98
880-51623-39	SP-10 (0-1.0')R	127	96
880-51623-40	SP-11 (0-1.0')	125	96
880-51623-41	SP-11 (1.5')	97	98
880-51623-41 MS	SP-11 (1.5')	102	97
880-51623-41 MSD	SP-11 (1.5')	118	97
880-51623-42	SP-11 (2.0') R	116	106
880-51623-43	SP-12 (0-1.0')	100	101

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Surrogate Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-51623-44	SP-12 (1.5')	107	101
880-51623-45	SP-12 (2.0')	103	103
880-51623-46	SP-12 (3.0')	99	105
880-51623-47	SP-12 (4.0')	118	100
880-51623-48	SP-13 (0-1.0')	118	96
880-51623-49	SP-13 (1.5')	123	100
880-51623-50	SP-13 (2.0')	104	77
880-51623-51	SP-13 (3.0')	70	73
LCS 880-96881/1-A	Lab Control Sample	115	84
LCS 880-96883/1-A	Lab Control Sample	108	98
LCS 880-96884/1-A	Lab Control Sample	101	92
LCSD 880-96881/2-A	Lab Control Sample Dup	134 S1+	95
LCSD 880-96883/2-A	Lab Control Sample Dup	107	98
LCSD 880-96884/2-A	Lab Control Sample Dup	109	93
MB 880-96834/5-A	Method Blank	116	86
MB 880-96838/5-A	Method Blank	179 S1+	112
MB 880-96881/5-A	Method Blank	110	81
MB 880-96883/5-A	Method Blank	118	88
MB 880-96884/5-A	Method Blank	204 S1+	122

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-51621-A-9-D MS	Matrix Spike	91	78
880-51621-A-9-E MSD	Matrix Spike Duplicate	89	78
880-51623-1	SP-1 (0-1.0')	94	71
880-51623-2	SP-1 (1.5')	88	68 S1-
880-51623-3	SP-1 (2.0')	91	69 S1-
880-51623-4	SP-1 (3.0')	92	68 S1-
880-51623-5	SP-1 (4.0')	86	64 S1-
880-51623-6	SP-2 (0-1.0')	95	72
880-51623-7	SP-2 (1.5')	89	69 S1-
880-51623-8	SP-2 (2.0')	91	67 S1-
880-51623-9	SP-2 (3.0')	90	68 S1-
880-51623-10	SP-2 (4.0')	89	67 S1-
880-51623-11	SP-3 (0-1.0')	94	71
880-51623-12	SP-3 (1.5')R	92	74
880-51623-13	SP-4 (0-1.0')	102	91
880-51623-13 MS	SP-4 (0-1.0')	100	95
880-51623-13 MSD	SP-4 (0-1.0')	100	96
880-51623-14	SP-4 (1.5')	104	94
880-51623-15	SP-4 (2.0')	102	91
880-51623-16	SP-4 (3.0')	102	90
880-51623-17	SP-4 (4.0')	100	90

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-51623-1

Project/Site: Greenwood PGU #4 Battery

SDG: Eddy Co, NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)				
880-51623-18	SP-5 (0-1.0')	101	91				
880-51623-19	SP-5 (1.5')	103	94				
880-51623-20	SP-5 (2.0')	114	102				
880-51623-21	SP-5 (3.0')	109	95				
880-51623-22	SP-5 (4.0')	101	89				
880-51623-23	SP-6 (0-1.0')	107	96				
880-51623-24	SP-6 (1.5')	100	89				
880-51623-25	SP-6 (2.0')	102	90				
880-51623-26	SP-6 (3.0')	103	91				
880-51623-27	SP-6 (4.0')	101	90				
880-51623-28	SP-7 (0-1.0')R	117	107				
880-51623-29	SP-8 (0-1.0')	104	90				
880-51623-30	SP-8 (1.5')	100	89				
880-51623-31	SP-8 (2.0')	105	92				
880-51623-32	SP-8 (3.0')	101	91				
880-51623-33	SP-8 (4.0')	79	82				
880-51623-33 MS	SP-8 (4.0')	92	83				
880-51623-33 MSD	SP-8 (4.0')	93	84				
880-51623-34	SP-9 (0-1.0')	80	81				
880-51623-35	SP-9 (1.5')	76	87				
880-51623-36	SP-9 (2.0')	59 S1-	66 S1-				
880-51623-37	SP-9 (3.0')	82	84				
880-51623-38	SP-9 (4.0')	82	92				
880-51623-39	SP-10 (0-1.0')R	90	90				
880-51623-40	SP-11 (0-1.0')	84	81				
880-51623-41	SP-11 (1.5')	84	82				
880-51623-42	SP-11 (2.0') R	76	76				
880-51623-43	SP-12 (0-1.0')	76	78				
880-51623-44	SP-12 (1.5')	77	79				
880-51623-45	SP-12 (2.0')	81	314 S1+				
880-51623-46	SP-12 (3.0')	79	96				
880-51623-47	SP-12 (4.0')	85	89				
880-51623-48	SP-13 (0-1.0')	84	82				
880-51623-49	SP-13 (1.5')	78	79				
880-51623-50	SP-13 (2.0')	77	88				
880-51623-51	SP-13 (3.0')	97	330 S1+				
LCS 880-96905/2-A	Lab Control Sample	109	97				
LCS 880-96907/2-A	Lab Control Sample	104	106				
LCS 880-96909/2-A	Lab Control Sample	154 S1+	144 S1+				
LCSD 880-96905/3-A	Lab Control Sample Dup	112	100				
LCSD 880-96907/3-A	Lab Control Sample Dup	103	104				
LCSD 880-96909/3-A	Lab Control Sample Dup	148 S1+	134 S1+				
MB 880-96905/1-A	Method Blank	133 S1+	105				
MB 880-96907/1-A	Method Blank	157 S1+	146 S1+				
MB 880-96909/1-A	Method Blank	93	99				

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-96834/5-A

Matrix: Solid

Analysis Batch: 96839

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 96834

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/02/24 08:33	12/02/24 11:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/24 08:33	12/02/24 11:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/24 08:33	12/02/24 11:59	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/02/24 08:33	12/02/24 11:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/24 08:33	12/02/24 11:59	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/02/24 08:33	12/02/24 11:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	12/02/24 08:33	12/02/24 11:59	1
1,4-Difluorobenzene (Surr)	86		70 - 130	12/02/24 08:33	12/02/24 11:59	1

Lab Sample ID: MB 880-96838/5-A

Matrix: Solid

Analysis Batch: 96844

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 96838

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/02/24 08:43	12/02/24 13:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/24 08:43	12/02/24 13:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/24 08:43	12/02/24 13:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/02/24 08:43	12/02/24 13:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/24 08:43	12/02/24 13:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/02/24 08:43	12/02/24 13:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	179	S1+	70 - 130	12/02/24 08:43	12/02/24 13:34	1
1,4-Difluorobenzene (Surr)	112		70 - 130	12/02/24 08:43	12/02/24 13:34	1

Lab Sample ID: MB 880-96881/5-A

Matrix: Solid

Analysis Batch: 96845

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 96881

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:18	12/02/24 17:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:18	12/02/24 17:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:18	12/02/24 17:04	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/02/24 14:18	12/02/24 17:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:18	12/02/24 17:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/02/24 14:18	12/02/24 17:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	12/02/24 14:18	12/02/24 17:04	1
1,4-Difluorobenzene (Surr)	81		70 - 130	12/02/24 14:18	12/02/24 17:04	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-96881/1-A

Matrix: Solid

Analysis Batch: 96845

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 96881

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1182		mg/Kg		118	70 - 130
Toluene	0.100	0.1096		mg/Kg		110	70 - 130
Ethylbenzene	0.100	0.1143		mg/Kg		114	70 - 130
m-Xylene & p-Xylene	0.200	0.2283		mg/Kg		114	70 - 130
o-Xylene	0.100	0.1117		mg/Kg		112	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	84		70 - 130

Lab Sample ID: LCSD 880-96881/2-A

Matrix: Solid

Analysis Batch: 96845

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 96881

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1279		mg/Kg		128	70 - 130	8	35
Toluene	0.100	0.1196		mg/Kg		120	70 - 130	9	35
Ethylbenzene	0.100	0.1241		mg/Kg		124	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.2498		mg/Kg		125	70 - 130	9	35
o-Xylene	0.100	0.1237		mg/Kg		124	70 - 130	10	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 880-51623-1 MS

Matrix: Solid

Analysis Batch: 96845

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

Prep Type: Total/NA

Prep Batch: 96881

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.100	0.09258		mg/Kg		92	70 - 130
Toluene	<0.00199	U	0.100	0.08703		mg/Kg		87	70 - 130
Ethylbenzene	<0.00199	U	0.100	0.08973		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1771		mg/Kg		88	70 - 130
o-Xylene	<0.00199	U	0.100	0.08610		mg/Kg		86	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	82		70 - 130

Lab Sample ID: 880-51623-1 MSD

Matrix: Solid

Analysis Batch: 96845

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

Prep Type: Total/NA

Prep Batch: 96881

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0994	0.1229		mg/Kg		124	70 - 130	28	35
Toluene	<0.00199	U	0.0994	0.1154		mg/Kg		116	70 - 130	28	35
Ethylbenzene	<0.00199	U	0.0994	0.1185		mg/Kg		119	70 - 130	28	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-51623-1 MSD

Matrix: Solid

Analysis Batch: 96845

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

Prep Type: Total/NA

Prep Batch: 96881

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00398	U	0.199	0.2354		mg/Kg		118	70 - 130	28	35
o-Xylene	<0.00199	U	0.0994	0.1153		mg/Kg		116	70 - 130	29	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	128		70 - 130								
1,4-Difluorobenzene (Surr)	79		70 - 130								

Lab Sample ID: MB 880-96883/5-A

Matrix: Solid

Analysis Batch: 96839

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 96883

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:31	12/02/24 22:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:31	12/02/24 22:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:31	12/02/24 22:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/02/24 14:31	12/02/24 22:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:31	12/02/24 22:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/02/24 14:31	12/02/24 22:37	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				12/02/24 14:31	12/02/24 22:37	1
1,4-Difluorobenzene (Surr)	88		70 - 130				12/02/24 14:31	12/02/24 22:37	1

Lab Sample ID: LCS 880-96883/1-A

Matrix: Solid

Analysis Batch: 96839

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 96883

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1190		mg/Kg		119	70 - 130
Toluene	0.100	0.1158		mg/Kg		116	70 - 130
Ethylbenzene	0.100	0.1185		mg/Kg		119	70 - 130
m-Xylene & p-Xylene	0.200	0.2350		mg/Kg		117	70 - 130
o-Xylene	0.100	0.1213		mg/Kg		121	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	108		70 - 130				
1,4-Difluorobenzene (Surr)	98		70 - 130				

Lab Sample ID: LCSD 880-96883/2-A

Matrix: Solid

Analysis Batch: 96839

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 96883

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1246		mg/Kg		125	70 - 130	5	35
Toluene	0.100	0.1188		mg/Kg		119	70 - 130	2	35
Ethylbenzene	0.100	0.1219		mg/Kg		122	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2429		mg/Kg		121	70 - 130	3	35
o-Xylene	0.100	0.1250		mg/Kg		125	70 - 130	3	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-51623-21 MS

Matrix: Solid

Analysis Batch: 96839

Client Sample ID: SP-5 (3.0')

Prep Type: Total/NA

Prep Batch: 96883

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.100	0.1138		mg/Kg		114	70 - 130
Toluene	<0.00199	U	0.100	0.1060		mg/Kg		106	70 - 130
Ethylbenzene	<0.00199	U	0.100	0.1084		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.200	0.2148		mg/Kg		107	70 - 130
o-Xylene	<0.00199	U	0.100	0.1095		mg/Kg		109	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-51623-21 MSD

Matrix: Solid

Analysis Batch: 96839

Client Sample ID: SP-5 (3.0')

Prep Type: Total/NA

Prep Batch: 96883

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00199	U	0.0994	0.1127		mg/Kg		113	70 - 130	1	35
Toluene	<0.00199	U	0.0994	0.1085		mg/Kg		109	70 - 130	2	35
Ethylbenzene	<0.00199	U	0.0994	0.1103		mg/Kg		111	70 - 130	2	35
m-Xylene & p-Xylene	<0.00398	U	0.199	0.2189		mg/Kg		110	70 - 130	2	35
o-Xylene	<0.00199	U	0.0994	0.1121		mg/Kg		113	70 - 130	2	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: MB 880-96884/5-A

Matrix: Solid

Analysis Batch: 96844

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 96884

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:37	12/03/24 01:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:37	12/03/24 01:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:37	12/03/24 01:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/02/24 14:37	12/03/24 01:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:37	12/03/24 01:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/02/24 14:37	12/03/24 01:11	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	204	S1+	70 - 130	12/02/24 14:37	12/03/24 01:11	1			
1,4-Difluorobenzene (Surr)	122		70 - 130	12/02/24 14:37	12/03/24 01:11	1			

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-96884/1-A

Matrix: Solid

Analysis Batch: 96844

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 96884

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09410		mg/Kg		94	70 - 130
Toluene	0.100	0.08898		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.09494		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	0.200	0.1896		mg/Kg		95	70 - 130
o-Xylene	0.100	0.09403		mg/Kg		94	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: LCSD 880-96884/2-A

Matrix: Solid

Analysis Batch: 96844

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 96884

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1048		mg/Kg		105	70 - 130	11	35
Toluene	0.100	0.1010		mg/Kg		101	70 - 130	13	35
Ethylbenzene	0.100	0.1097		mg/Kg		110	70 - 130	14	35
m-Xylene & p-Xylene	0.200	0.2006		mg/Kg		100	70 - 130	6	35
o-Xylene	0.100	0.1052		mg/Kg		105	70 - 130	11	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 880-51623-41 MS

Matrix: Solid

Analysis Batch: 96844

Client Sample ID: SP-11 (1.5')

Prep Type: Total/NA

Prep Batch: 96884

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.100	0.09396		mg/Kg		94	70 - 130
Toluene	<0.00199	U	0.100	0.07736		mg/Kg		77	70 - 130
Ethylbenzene	<0.00199	U F1	0.100	0.06523	F1	mg/Kg		65	70 - 130
m-Xylene & p-Xylene	<0.00398	U F1	0.200	0.1384	F1	mg/Kg		69	70 - 130
o-Xylene	<0.00199	U F1	0.100	0.06913	F1	mg/Kg		69	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-51623-41 MSD

Matrix: Solid

Analysis Batch: 96844

Client Sample ID: SP-11 (1.5')

Prep Type: Total/NA

Prep Batch: 96884

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0994	0.1007		mg/Kg		101	70 - 130	7	35
Toluene	<0.00199	U	0.0994	0.07822		mg/Kg		79	70 - 130	1	35
Ethylbenzene	<0.00199	U F1	0.0994	0.07344		mg/Kg		74	70 - 130	12	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-51623-41 MSD

Matrix: Solid

Analysis Batch: 96844

Client Sample ID: SP-11 (1.5')

Prep Type: Total/NA

Prep Batch: 96884

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00398	U F1	0.199	0.1696		mg/Kg		85	70 - 130	20	35
o-Xylene	<0.00199	U F1	0.0994	0.08480		mg/Kg		85	70 - 130	20	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	118		70 - 130								
1,4-Difluorobenzene (Surr)	97		70 - 130								

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

Lab Sample ID: MB 880-96905/1-A

Matrix: Solid

Analysis Batch: 96956

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 96905

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		12/02/24 16:25	12/03/24 18:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/24 16:25	12/03/24 18:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/24 16:25	12/03/24 18:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130				12/02/24 16:25	12/03/24 18:12	1
o-Terphenyl	105		70 - 130				12/02/24 16:25	12/03/24 18:12	1

Lab Sample ID: LCS 880-96905/2-A

Matrix: Solid

Analysis Batch: 96956

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 96905

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	1154		mg/Kg		115	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	908.0		mg/Kg		91	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	109		70 - 130						
o-Terphenyl	97		70 - 130						

Lab Sample ID: LCSD 880-96905/3-A

Matrix: Solid

Analysis Batch: 96956

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 96905

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1154		mg/Kg		115	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	946.4		mg/Kg		95	70 - 130	4	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-96905/3-A
Matrix: Solid
Analysis Batch: 96956

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 96905

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	112		70 - 130
o-Terphenyl	100		70 - 130

Lab Sample ID: 880-51621-A-9-D MS
Matrix: Solid
Analysis Batch: 96956

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 96905

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	995	852.8		mg/Kg		86	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	995	717.8		mg/Kg		72	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	91		70 - 130							
o-Terphenyl	78		70 - 130							

Lab Sample ID: 880-51621-A-9-E MSD
Matrix: Solid
Analysis Batch: 96956

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 96905

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	995	889.0		mg/Kg		89	70 - 130	4	20	
Diesel Range Organics (Over C10-C28)	<49.9	U	995	720.2		mg/Kg		72	70 - 130	0	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	89		70 - 130									
o-Terphenyl	78		70 - 130									

Lab Sample ID: MB 880-96907/1-A
Matrix: Solid
Analysis Batch: 96959

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 96907

	MB	MB									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/02/24 16:28	12/03/24 18:12	1		
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/24 16:28	12/03/24 18:12	1		
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/24 16:28	12/03/24 18:12	1		
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac		
1-Chlorooctane	157	S1+	70 - 130				12/02/24 16:28	12/03/24 18:12	1		
o-Terphenyl	146	S1+	70 - 130				12/02/24 16:28	12/03/24 18:12	1		

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-96907/2-A

Matrix: Solid

Analysis Batch: 96959

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 96907

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10			1000	951.4		mg/Kg		95	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	951.1		mg/Kg		95	70 - 130		

Lab Sample ID: LCSD 880-96907/3-A

Matrix: Solid

Analysis Batch: 96959

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 96907

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	925.1		mg/Kg		93	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	893.4		mg/Kg		89	70 - 130	6	20
	LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	103		70 - 130								
o-Terphenyl	104		70 - 130								

Lab Sample ID: 880-51623-13 MS

Matrix: Solid

Analysis Batch: 96959

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

Prep Type: Total/NA

Prep Batch: 96907

[illegible]

Lab Sample ID: 880-51623-13 MSD

Matrix: Solid

Analysis Batch: 96959

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

Prep Type: Total/NA

Prep Batch: 96907

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	804.8		mg/Kg		81	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U	997	784.6		mg/Kg		79	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	100		70 - 130								

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-51623-13 MSD

Matrix: Solid

Analysis Batch: 96959

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

Prep Type: Total/NA

Prep Batch: 96907

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	96		70 - 130

Lab Sample ID: MB 880-96909/1-A

Matrix: Solid

Analysis Batch: 97011

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 96909

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/02/24 16:32	12/03/24 01:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/24 16:32	12/03/24 01:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/24 16:32	12/03/24 01:58	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane	93		70 - 130				12/02/24 16:32	12/03/24 01:58	1
<i>o</i> -Terphenyl	99		70 - 130				12/02/24 16:32	12/03/24 01:58	1

Lab Sample ID: LCS 880-96909/2-A

Matrix: Solid

Analysis Batch: 97011

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 96909

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1313	*+	mg/Kg		131	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1261		mg/Kg		126	70 - 130
Surrogate	LCS	LCS	Limits				
	%Recovery	Qualifier					
1-Chlorooctane	154	S1+	70 - 130				
<i>o</i> -Terphenyl	144	S1+	70 - 130				

Lab Sample ID: LCSD 880-96909/3-A

Matrix: Solid

Analysis Batch: 97011

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 96909

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1282		mg/Kg		128	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1182		mg/Kg		118	70 - 130	6	20
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
1-Chlorooctane	148	S1+	70 - 130						
<i>o</i> -Terphenyl	134	S1+	70 - 130						

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-51623-33 MS

Matrix: Solid

Analysis Batch: 97011

Client Sample ID: SP-8 (4.0')

Prep Type: Total/NA

Prep Batch: 96909

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 *+	1000	800.2		mg/Kg		80	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	766.2		mg/Kg		77	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	92		70 - 130						
o-Terphenyl	83		70 - 130						

Lab Sample ID: 880-51623-33 MSD

Matrix: Solid

Analysis Batch: 97011

Client Sample ID: SP-8 (4.0')

Prep Type: Total/NA

Prep Batch: 96909

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 *+	1000	804.2		mg/Kg		80	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	787.0		mg/Kg		79	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	93		70 - 130								
o-Terphenyl	84		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-96902/1-A

Matrix: Solid

Analysis Batch: 96975

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			12/06/24 07:33	1

Lab Sample ID: LCS 880-96902/2-A

Matrix: Solid

Analysis Batch: 96975

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	259.8		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-96902/3-A

Matrix: Solid

Analysis Batch: 96975

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	247.2		mg/Kg		99	90 - 110	5	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-7428-A-69-D MS

Matrix: Solid

Analysis Batch: 96975

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	69.0	F1	252	404.2	F1	mg/Kg		133	90 - 110

Lab Sample ID: 890-7428-A-69-E MSD

Matrix: Solid

Analysis Batch: 96975

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	69.0	F1	252	385.8	F1	mg/Kg		126	90 - 110	5	20

Lab Sample ID: MB 880-96985/1-A

Matrix: Solid

Analysis Batch: 96994

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			12/03/24 21:58	1

Lab Sample ID: LCS 880-96985/2-A

Matrix: Solid

Analysis Batch: 96994

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	249.4		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-96985/3-A

Matrix: Solid

Analysis Batch: 96994

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	249.7		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-51623-47 MS

Matrix: Solid

Analysis Batch: 96994

Client Sample ID: SP-12 (4.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	309	F1	249	519.0	F1	mg/Kg		84	90 - 110

Lab Sample ID: 880-51623-47 MSD

Matrix: Solid

Analysis Batch: 96994

Client Sample ID: SP-12 (4.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	309	F1	249	518.9	F1	mg/Kg		84	90 - 110	0	20

Lab Sample ID: MB 880-96904/1-A

Matrix: Solid

Analysis Batch: 97049

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			12/05/24 01:44	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-96904/2-A

Matrix: Solid

Analysis Batch: 97049

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	249.8		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-96904/3-A

Matrix: Solid

Analysis Batch: 97049

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	250.1		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-51623-1 MS

Matrix: Solid

Analysis Batch: 97049

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	98.0		251	374.1		mg/Kg		110	90 - 110

Lab Sample ID: 880-51623-1 MSD

Matrix: Solid

Analysis Batch: 97049

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	98.0		251	375.0		mg/Kg		110	90 - 110	0	20

Lab Sample ID: 880-51623-11 MS

Matrix: Solid

Analysis Batch: 97049

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	36.0	F1	253	386.0	F1	mg/Kg		139	90 - 110

Lab Sample ID: 880-51623-11 MSD

Matrix: Solid

Analysis Batch: 97049

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	36.0	F1	253	387.1	F1	mg/Kg		139	90 - 110	0	20

Lab Sample ID: MB 880-96906/1-A

Matrix: Solid

Analysis Batch: 97054

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			12/04/24 13:25	1

Lab Sample ID: LCS 880-96906/2-A

Matrix: Solid

Analysis Batch: 97054

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	241.5		mg/Kg		97	90 - 110

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-96906/3-A
Matrix: Solid
Analysis Batch: 97054

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

Analyte				Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	Limit
				Added	Result	Qualifier				Limits		
Chloride				250	241.9		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-51623-21 MS
Matrix: Solid
Analysis Batch: 97054

Client Sample ID: SP-5 (3.0')
Prep Type: Soluble

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits		
Chloride	72.8		249	341.3		mg/Kg		108	90 - 110		

Lab Sample ID: 880-51623-21 MSD
Matrix: Solid
Analysis Batch: 97054

Client Sample ID: SP-5 (3.0')
Prep Type: Soluble

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits		
Chloride	72.8		249	341.5		mg/Kg		108	90 - 110	0	20

Lab Sample ID: 880-51623-31 MS
Matrix: Solid
Analysis Batch: 97054

Client Sample ID: SP-8 (2.0')
Prep Type: Soluble

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits		
Chloride	68.2		249	327.6		mg/Kg		104	90 - 110		

Lab Sample ID: 880-51623-31 MSD
Matrix: Solid
Analysis Batch: 97054

Client Sample ID: SP-8 (2.0')
Prep Type: Soluble

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits		
Chloride	68.2		249	327.9		mg/Kg		104	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 96834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-96834/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 96838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-96838/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 96839

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51623-21	SP-5 (3.0')	Total/NA	Solid	8021B	96883
880-51623-22	SP-5 (4.0')	Total/NA	Solid	8021B	96883
880-51623-23	SP-6 (0-1.0')	Total/NA	Solid	8021B	96883
880-51623-24	SP-6 (1.5')	Total/NA	Solid	8021B	96883
880-51623-25	SP-6 (2.0')	Total/NA	Solid	8021B	96883
880-51623-26	SP-6 (3.0')	Total/NA	Solid	8021B	96883
880-51623-27	SP-6 (4.0')	Total/NA	Solid	8021B	96883
880-51623-28	SP-7 (0-1.0')R	Total/NA	Solid	8021B	96883
880-51623-29	SP-8 (0-1.0')	Total/NA	Solid	8021B	96883
880-51623-30	SP-8 (1.5')	Total/NA	Solid	8021B	96883
880-51623-31	SP-8 (2.0')	Total/NA	Solid	8021B	96883
880-51623-32	SP-8 (3.0')	Total/NA	Solid	8021B	96883
880-51623-33	SP-8 (4.0')	Total/NA	Solid	8021B	96883
880-51623-34	SP-9 (0-1.0')	Total/NA	Solid	8021B	96883
880-51623-35	SP-9 (1.5')	Total/NA	Solid	8021B	96883
880-51623-36	SP-9 (2.0')	Total/NA	Solid	8021B	96883
880-51623-37	SP-9 (3.0')	Total/NA	Solid	8021B	96883
880-51623-38	SP-9 (4.0')	Total/NA	Solid	8021B	96883
880-51623-39	SP-10 (0-1.0')R	Total/NA	Solid	8021B	96883
880-51623-40	SP-11 (0-1.0')	Total/NA	Solid	8021B	96883
MB 880-96834/5-A	Method Blank	Total/NA	Solid	8021B	96834
MB 880-96883/5-A	Method Blank	Total/NA	Solid	8021B	96883
LCS 880-96883/1-A	Lab Control Sample	Total/NA	Solid	8021B	96883
LCSD 880-96883/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	96883
880-51623-21 MS	SP-5 (3.0')	Total/NA	Solid	8021B	96883
880-51623-21 MSD	SP-5 (3.0')	Total/NA	Solid	8021B	96883

Analysis Batch: 96844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51623-41	SP-11 (1.5')	Total/NA	Solid	8021B	96884
880-51623-42	SP-11 (2.0') R	Total/NA	Solid	8021B	96884
880-51623-43	SP-12 (0-1.0')	Total/NA	Solid	8021B	96884
880-51623-44	SP-12 (1.5')	Total/NA	Solid	8021B	96884
880-51623-45	SP-12 (2.0')	Total/NA	Solid	8021B	96884
880-51623-46	SP-12 (3.0')	Total/NA	Solid	8021B	96884
880-51623-47	SP-12 (4.0')	Total/NA	Solid	8021B	96884
880-51623-48	SP-13 (0-1.0')	Total/NA	Solid	8021B	96884
880-51623-49	SP-13 (1.5')	Total/NA	Solid	8021B	96884
880-51623-50	SP-13 (2.0')	Total/NA	Solid	8021B	96884
880-51623-51	SP-13 (3.0')	Total/NA	Solid	8021B	96884
MB 880-96838/5-A	Method Blank	Total/NA	Solid	8021B	96838
MB 880-96884/5-A	Method Blank	Total/NA	Solid	8021B	96884
LCS 880-96884/1-A	Lab Control Sample	Total/NA	Solid	8021B	96884

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QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 96844 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-96884/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	96884
880-51623-41 MS	SP-11 (1.5')	Total/NA	Solid	8021B	96884
880-51623-41 MSD	SP-11 (1.5')	Total/NA	Solid	8021B	96884

Analysis Batch: 96845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51623-1	SP-1 (0-1.0')	Total/NA	Solid	8021B	96881
880-51623-2	SP-1 (1.5')	Total/NA	Solid	8021B	96881
880-51623-3	SP-1 (2.0')	Total/NA	Solid	8021B	96881
880-51623-4	SP-1 (3.0')	Total/NA	Solid	8021B	96881
880-51623-5	SP-1 (4.0')	Total/NA	Solid	8021B	96881
880-51623-6	SP-2 (0-1.0')	Total/NA	Solid	8021B	96881
880-51623-7	SP-2 (1.5')	Total/NA	Solid	8021B	96881
880-51623-8	SP-2 (2.0')	Total/NA	Solid	8021B	96881
880-51623-9	SP-2 (3.0')	Total/NA	Solid	8021B	96881
880-51623-10	SP-2 (4.0')	Total/NA	Solid	8021B	96881
880-51623-11	SP-3 (0-1.0')	Total/NA	Solid	8021B	96881
880-51623-12	SP-3 (1.5')R	Total/NA	Solid	8021B	96881
880-51623-13	SP-4 (0-1.0')	Total/NA	Solid	8021B	96881
880-51623-14	SP-4 (1.5')	Total/NA	Solid	8021B	96881
880-51623-15	SP-4 (2.0')	Total/NA	Solid	8021B	96881
880-51623-16	SP-4 (3.0')	Total/NA	Solid	8021B	96881
880-51623-17	SP-4 (4.0')	Total/NA	Solid	8021B	96881
880-51623-18	SP-5 (0-1.0')	Total/NA	Solid	8021B	96881
880-51623-19	SP-5 (1.5')	Total/NA	Solid	8021B	96881
880-51623-20	SP-5 (2.0')	Total/NA	Solid	8021B	96881
MB 880-96881/5-A	Method Blank	Total/NA	Solid	8021B	96881
LCS 880-96881/1-A	Lab Control Sample	Total/NA	Solid	8021B	96881
LCSD 880-96881/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	96881
880-51623-1 MS	SP-1 (0-1.0')	Total/NA	Solid	8021B	96881
880-51623-1 MSD	SP-1 (0-1.0')	Total/NA	Solid	8021B	96881

Prep Batch: 96881

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51623-1	SP-1 (0-1.0')	Total/NA	Solid	5035	
880-51623-2	SP-1 (1.5')	Total/NA	Solid	5035	
880-51623-3	SP-1 (2.0')	Total/NA	Solid	5035	
880-51623-4	SP-1 (3.0')	Total/NA	Solid	5035	
880-51623-5	SP-1 (4.0')	Total/NA	Solid	5035	
880-51623-6	SP-2 (0-1.0')	Total/NA	Solid	5035	
880-51623-7	SP-2 (1.5')	Total/NA	Solid	5035	
880-51623-8	SP-2 (2.0')	Total/NA	Solid	5035	
880-51623-9	SP-2 (3.0')	Total/NA	Solid	5035	
880-51623-10	SP-2 (4.0')	Total/NA	Solid	5035	
880-51623-11	SP-3 (0-1.0')	Total/NA	Solid	5035	
880-51623-12	SP-3 (1.5')R	Total/NA	Solid	5035	
880-51623-13	SP-4 (0-1.0')	Total/NA	Solid	5035	
880-51623-14	SP-4 (1.5')	Total/NA	Solid	5035	
880-51623-15	SP-4 (2.0')	Total/NA	Solid	5035	
880-51623-16	SP-4 (3.0')	Total/NA	Solid	5035	
880-51623-17	SP-4 (4.0')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

GC VOA (Continued)

Prep Batch: 96881 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51623-18	SP-5 (0-1.0')	Total/NA	Solid	5035	
880-51623-19	SP-5 (1.5')	Total/NA	Solid	5035	
880-51623-20	SP-5 (2.0')	Total/NA	Solid	5035	
MB 880-96881/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-96881/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-96881/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-51623-1 MS	SP-1 (0-1.0')	Total/NA	Solid	5035	
880-51623-1 MSD	SP-1 (0-1.0')	Total/NA	Solid	5035	

Prep Batch: 96883

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51623-21	SP-5 (3.0')	Total/NA	Solid	5035	
880-51623-22	SP-5 (4.0')	Total/NA	Solid	5035	
880-51623-23	SP-6 (0-1.0')	Total/NA	Solid	5035	
880-51623-24	SP-6 (1.5')	Total/NA	Solid	5035	
880-51623-25	SP-6 (2.0')	Total/NA	Solid	5035	
880-51623-26	SP-6 (3.0')	Total/NA	Solid	5035	
880-51623-27	SP-6 (4.0')	Total/NA	Solid	5035	
880-51623-28	SP-7 (0-1.0')R	Total/NA	Solid	5035	
880-51623-29	SP-8 (0-1.0')	Total/NA	Solid	5035	
880-51623-30	SP-8 (1.5')	Total/NA	Solid	5035	
880-51623-31	SP-8 (2.0')	Total/NA	Solid	5035	
880-51623-32	SP-8 (3.0')	Total/NA	Solid	5035	
880-51623-33	SP-8 (4.0')	Total/NA	Solid	5035	
880-51623-34	SP-9 (0-1.0')	Total/NA	Solid	5035	
880-51623-35	SP-9 (1.5')	Total/NA	Solid	5035	
880-51623-36	SP-9 (2.0')	Total/NA	Solid	5035	
880-51623-37	SP-9 (3.0')	Total/NA	Solid	5035	
880-51623-38	SP-9 (4.0')	Total/NA	Solid	5035	
880-51623-39	SP-10 (0-1.0')R	Total/NA	Solid	5035	
880-51623-40	SP-11 (0-1.0')	Total/NA	Solid	5035	
MB 880-96883/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-96883/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-96883/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-51623-21 MS	SP-5 (3.0')	Total/NA	Solid	5035	
880-51623-21 MSD	SP-5 (3.0')	Total/NA	Solid	5035	

Prep Batch: 96884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51623-41	SP-11 (1.5')	Total/NA	Solid	5035	
880-51623-42	SP-11 (2.0') R	Total/NA	Solid	5035	
880-51623-43	SP-12 (0-1.0')	Total/NA	Solid	5035	
880-51623-44	SP-12 (1.5')	Total/NA	Solid	5035	
880-51623-45	SP-12 (2.0')	Total/NA	Solid	5035	
880-51623-46	SP-12 (3.0')	Total/NA	Solid	5035	
880-51623-47	SP-12 (4.0')	Total/NA	Solid	5035	
880-51623-48	SP-13 (0-1.0')	Total/NA	Solid	5035	
880-51623-49	SP-13 (1.5')	Total/NA	Solid	5035	
880-51623-50	SP-13 (2.0')	Total/NA	Solid	5035	
880-51623-51	SP-13 (3.0')	Total/NA	Solid	5035	
MB 880-96884/5-A	Method Blank	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

GC VOA (Continued)

Prep Batch: 96884 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-96884/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-96884/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-51623-41 MS	SP-11 (1.5')	Total/NA	Solid	5035	
880-51623-41 MSD	SP-11 (1.5')	Total/NA	Solid	5035	

Analysis Batch: 96980

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51623-1	SP-1 (0-1.0')	Total/NA	Solid	Total BTEX	
880-51623-2	SP-1 (1.5')	Total/NA	Solid	Total BTEX	
880-51623-3	SP-1 (2.0')	Total/NA	Solid	Total BTEX	
880-51623-4	SP-1 (3.0')	Total/NA	Solid	Total BTEX	
880-51623-5	SP-1 (4.0')	Total/NA	Solid	Total BTEX	
880-51623-6	SP-2 (0-1.0')	Total/NA	Solid	Total BTEX	
880-51623-7	SP-2 (1.5')	Total/NA	Solid	Total BTEX	
880-51623-8	SP-2 (2.0')	Total/NA	Solid	Total BTEX	
880-51623-9	SP-2 (3.0')	Total/NA	Solid	Total BTEX	
880-51623-10	SP-2 (4.0')	Total/NA	Solid	Total BTEX	
880-51623-11	SP-3 (0-1.0')	Total/NA	Solid	Total BTEX	
880-51623-12	SP-3 (1.5')R	Total/NA	Solid	Total BTEX	
880-51623-13	SP-4 (0-1.0')	Total/NA	Solid	Total BTEX	
880-51623-14	SP-4 (1.5')	Total/NA	Solid	Total BTEX	
880-51623-15	SP-4 (2.0')	Total/NA	Solid	Total BTEX	
880-51623-16	SP-4 (3.0')	Total/NA	Solid	Total BTEX	
880-51623-17	SP-4 (4.0')	Total/NA	Solid	Total BTEX	
880-51623-18	SP-5 (0-1.0')	Total/NA	Solid	Total BTEX	
880-51623-19	SP-5 (1.5')	Total/NA	Solid	Total BTEX	
880-51623-20	SP-5 (2.0')	Total/NA	Solid	Total BTEX	
880-51623-21	SP-5 (3.0')	Total/NA	Solid	Total BTEX	
880-51623-22	SP-5 (4.0')	Total/NA	Solid	Total BTEX	
880-51623-23	SP-6 (0-1.0')	Total/NA	Solid	Total BTEX	
880-51623-24	SP-6 (1.5')	Total/NA	Solid	Total BTEX	
880-51623-25	SP-6 (2.0')	Total/NA	Solid	Total BTEX	
880-51623-26	SP-6 (3.0')	Total/NA	Solid	Total BTEX	
880-51623-27	SP-6 (4.0')	Total/NA	Solid	Total BTEX	
880-51623-28	SP-7 (0-1.0')R	Total/NA	Solid	Total BTEX	
880-51623-29	SP-8 (0-1.0')	Total/NA	Solid	Total BTEX	
880-51623-30	SP-8 (1.5')	Total/NA	Solid	Total BTEX	
880-51623-31	SP-8 (2.0')	Total/NA	Solid	Total BTEX	
880-51623-32	SP-8 (3.0')	Total/NA	Solid	Total BTEX	
880-51623-33	SP-8 (4.0')	Total/NA	Solid	Total BTEX	
880-51623-34	SP-9 (0-1.0')	Total/NA	Solid	Total BTEX	
880-51623-35	SP-9 (1.5')	Total/NA	Solid	Total BTEX	
880-51623-36	SP-9 (2.0')	Total/NA	Solid	Total BTEX	
880-51623-37	SP-9 (3.0')	Total/NA	Solid	Total BTEX	
880-51623-38	SP-9 (4.0')	Total/NA	Solid	Total BTEX	
880-51623-39	SP-10 (0-1.0')R	Total/NA	Solid	Total BTEX	
880-51623-40	SP-11 (0-1.0')	Total/NA	Solid	Total BTEX	
880-51623-41	SP-11 (1.5')	Total/NA	Solid	Total BTEX	
880-51623-42	SP-11 (2.0') R	Total/NA	Solid	Total BTEX	
880-51623-43	SP-12 (0-1.0')	Total/NA	Solid	Total BTEX	
880-51623-44	SP-12 (1.5')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 96980 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51623-45	SP-12 (2.0')	Total/NA	Solid	Total BTEX	
880-51623-46	SP-12 (3.0')	Total/NA	Solid	Total BTEX	
880-51623-47	SP-12 (4.0')	Total/NA	Solid	Total BTEX	
880-51623-48	SP-13 (0-1.0')	Total/NA	Solid	Total BTEX	
880-51623-49	SP-13 (1.5')	Total/NA	Solid	Total BTEX	
880-51623-50	SP-13 (2.0')	Total/NA	Solid	Total BTEX	
880-51623-51	SP-13 (3.0')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 96905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51623-1	SP-1 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-51623-2	SP-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-51623-3	SP-1 (2.0')	Total/NA	Solid	8015NM Prep	
880-51623-4	SP-1 (3.0')	Total/NA	Solid	8015NM Prep	
880-51623-5	SP-1 (4.0')	Total/NA	Solid	8015NM Prep	
880-51623-6	SP-2 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-51623-7	SP-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-51623-8	SP-2 (2.0')	Total/NA	Solid	8015NM Prep	
880-51623-9	SP-2 (3.0')	Total/NA	Solid	8015NM Prep	
880-51623-10	SP-2 (4.0')	Total/NA	Solid	8015NM Prep	
880-51623-11	SP-3 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-51623-12	SP-3 (1.5')R	Total/NA	Solid	8015NM Prep	
MB 880-96905/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-96905/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-96905/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-51621-A-9-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-51621-A-9-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 96907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51623-13	SP-4 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-51623-14	SP-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-51623-15	SP-4 (2.0')	Total/NA	Solid	8015NM Prep	
880-51623-16	SP-4 (3.0')	Total/NA	Solid	8015NM Prep	
880-51623-17	SP-4 (4.0')	Total/NA	Solid	8015NM Prep	
880-51623-18	SP-5 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-51623-19	SP-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-51623-20	SP-5 (2.0')	Total/NA	Solid	8015NM Prep	
880-51623-21	SP-5 (3.0')	Total/NA	Solid	8015NM Prep	
880-51623-22	SP-5 (4.0')	Total/NA	Solid	8015NM Prep	
880-51623-23	SP-6 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-51623-24	SP-6 (1.5')	Total/NA	Solid	8015NM Prep	
880-51623-25	SP-6 (2.0')	Total/NA	Solid	8015NM Prep	
880-51623-26	SP-6 (3.0')	Total/NA	Solid	8015NM Prep	
880-51623-27	SP-6 (4.0')	Total/NA	Solid	8015NM Prep	
880-51623-28	SP-7 (0-1.0')R	Total/NA	Solid	8015NM Prep	
880-51623-29	SP-8 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-51623-30	SP-8 (1.5')	Total/NA	Solid	8015NM Prep	
880-51623-31	SP-8 (2.0')	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Prep Batch: 96907 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51623-32	SP-8 (3.0')	Total/NA	Solid	8015NM Prep	
MB 880-96907/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-96907/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-96907/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-51623-13 MS	SP-4 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-51623-13 MSD	SP-4 (0-1.0')	Total/NA	Solid	8015NM Prep	

Prep Batch: 96909

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51623-33	SP-8 (4.0')	Total/NA	Solid	8015NM Prep	
880-51623-34	SP-9 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-51623-35	SP-9 (1.5')	Total/NA	Solid	8015NM Prep	
880-51623-36	SP-9 (2.0')	Total/NA	Solid	8015NM Prep	
880-51623-37	SP-9 (3.0')	Total/NA	Solid	8015NM Prep	
880-51623-38	SP-9 (4.0')	Total/NA	Solid	8015NM Prep	
880-51623-39	SP-10 (0-1.0')R	Total/NA	Solid	8015NM Prep	
880-51623-40	SP-11 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-51623-41	SP-11 (1.5')	Total/NA	Solid	8015NM Prep	
880-51623-42	SP-11 (2.0') R	Total/NA	Solid	8015NM Prep	
880-51623-43	SP-12 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-51623-44	SP-12 (1.5')	Total/NA	Solid	8015NM Prep	
880-51623-45	SP-12 (2.0')	Total/NA	Solid	8015NM Prep	
880-51623-46	SP-12 (3.0')	Total/NA	Solid	8015NM Prep	
880-51623-47	SP-12 (4.0')	Total/NA	Solid	8015NM Prep	
880-51623-48	SP-13 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-51623-49	SP-13 (1.5')	Total/NA	Solid	8015NM Prep	
880-51623-50	SP-13 (2.0')	Total/NA	Solid	8015NM Prep	
880-51623-51	SP-13 (3.0')	Total/NA	Solid	8015NM Prep	
MB 880-96909/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-96909/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-96909/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-51623-33 MS	SP-8 (4.0')	Total/NA	Solid	8015NM Prep	
880-51623-33 MSD	SP-8 (4.0')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 96956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51623-1	SP-1 (0-1.0')	Total/NA	Solid	8015B NM	96905
880-51623-2	SP-1 (1.5')	Total/NA	Solid	8015B NM	96905
880-51623-3	SP-1 (2.0')	Total/NA	Solid	8015B NM	96905
880-51623-4	SP-1 (3.0')	Total/NA	Solid	8015B NM	96905
880-51623-5	SP-1 (4.0')	Total/NA	Solid	8015B NM	96905
880-51623-6	SP-2 (0-1.0')	Total/NA	Solid	8015B NM	96905
880-51623-7	SP-2 (1.5')	Total/NA	Solid	8015B NM	96905
880-51623-8	SP-2 (2.0')	Total/NA	Solid	8015B NM	96905
880-51623-9	SP-2 (3.0')	Total/NA	Solid	8015B NM	96905
880-51623-10	SP-2 (4.0')	Total/NA	Solid	8015B NM	96905
880-51623-11	SP-3 (0-1.0')	Total/NA	Solid	8015B NM	96905
880-51623-12	SP-3 (1.5')R	Total/NA	Solid	8015B NM	96905
MB 880-96905/1-A	Method Blank	Total/NA	Solid	8015B NM	96905
LCS 880-96905/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	96905
LCSD 880-96905/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	96905

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 96956 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51621-A-9-D MS	Matrix Spike	Total/NA	Solid	8015B NM	96905
880-51621-A-9-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	96905

Analysis Batch: 96959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51623-13	SP-4 (0-1.0')	Total/NA	Solid	8015B NM	96907
880-51623-14	SP-4 (1.5')	Total/NA	Solid	8015B NM	96907
880-51623-15	SP-4 (2.0')	Total/NA	Solid	8015B NM	96907
880-51623-16	SP-4 (3.0')	Total/NA	Solid	8015B NM	96907
880-51623-17	SP-4 (4.0')	Total/NA	Solid	8015B NM	96907
880-51623-18	SP-5 (0-1.0')	Total/NA	Solid	8015B NM	96907
880-51623-19	SP-5 (1.5')	Total/NA	Solid	8015B NM	96907
880-51623-20	SP-5 (2.0')	Total/NA	Solid	8015B NM	96907
880-51623-21	SP-5 (3.0')	Total/NA	Solid	8015B NM	96907
880-51623-22	SP-5 (4.0')	Total/NA	Solid	8015B NM	96907
880-51623-23	SP-6 (0-1.0')	Total/NA	Solid	8015B NM	96907
880-51623-24	SP-6 (1.5')	Total/NA	Solid	8015B NM	96907
880-51623-25	SP-6 (2.0')	Total/NA	Solid	8015B NM	96907
880-51623-26	SP-6 (3.0')	Total/NA	Solid	8015B NM	96907
880-51623-27	SP-6 (4.0')	Total/NA	Solid	8015B NM	96907
880-51623-28	SP-7 (0-1.0')R	Total/NA	Solid	8015B NM	96907
880-51623-29	SP-8 (0-1.0')	Total/NA	Solid	8015B NM	96907
880-51623-30	SP-8 (1.5')	Total/NA	Solid	8015B NM	96907
880-51623-31	SP-8 (2.0')	Total/NA	Solid	8015B NM	96907
880-51623-32	SP-8 (3.0')	Total/NA	Solid	8015B NM	96907
MB 880-96907/1-A	Method Blank	Total/NA	Solid	8015B NM	96907
LCS 880-96907/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	96907
LCSD 880-96907/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	96907
880-51623-13 MS	SP-4 (0-1.0')	Total/NA	Solid	8015B NM	96907
880-51623-13 MSD	SP-4 (0-1.0')	Total/NA	Solid	8015B NM	96907

Analysis Batch: 97011

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51623-33	SP-8 (4.0')	Total/NA	Solid	8015B NM	96909
880-51623-34	SP-9 (0-1.0')	Total/NA	Solid	8015B NM	96909
880-51623-35	SP-9 (1.5')	Total/NA	Solid	8015B NM	96909
880-51623-36	SP-9 (2.0')	Total/NA	Solid	8015B NM	96909
880-51623-37	SP-9 (3.0')	Total/NA	Solid	8015B NM	96909
880-51623-38	SP-9 (4.0')	Total/NA	Solid	8015B NM	96909
880-51623-39	SP-10 (0-1.0')R	Total/NA	Solid	8015B NM	96909
880-51623-40	SP-11 (0-1.0')	Total/NA	Solid	8015B NM	96909
880-51623-41	SP-11 (1.5')	Total/NA	Solid	8015B NM	96909
880-51623-42	SP-11 (2.0') R	Total/NA	Solid	8015B NM	96909
880-51623-43	SP-12 (0-1.0')	Total/NA	Solid	8015B NM	96909
880-51623-44	SP-12 (1.5')	Total/NA	Solid	8015B NM	96909
880-51623-45	SP-12 (2.0')	Total/NA	Solid	8015B NM	96909
880-51623-46	SP-12 (3.0')	Total/NA	Solid	8015B NM	96909
880-51623-47	SP-12 (4.0')	Total/NA	Solid	8015B NM	96909
880-51623-48	SP-13 (0-1.0')	Total/NA	Solid	8015B NM	96909
880-51623-49	SP-13 (1.5')	Total/NA	Solid	8015B NM	96909
880-51623-50	SP-13 (2.0')	Total/NA	Solid	8015B NM	96909

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 97011 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51623-51	SP-13 (3.0')	Total/NA	Solid	8015B NM	96909
MB 880-96909/1-A	Method Blank	Total/NA	Solid	8015B NM	96909
LCS 880-96909/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	96909
LCSD 880-96909/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	96909
880-51623-33 MS	SP-8 (4.0')	Total/NA	Solid	8015B NM	96909
880-51623-33 MSD	SP-8 (4.0')	Total/NA	Solid	8015B NM	96909

Analysis Batch: 97064

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51623-1	SP-1 (0-1.0')	Total/NA	Solid	8015 NM	
880-51623-2	SP-1 (1.5')	Total/NA	Solid	8015 NM	
880-51623-3	SP-1 (2.0')	Total/NA	Solid	8015 NM	
880-51623-4	SP-1 (3.0')	Total/NA	Solid	8015 NM	
880-51623-5	SP-1 (4.0')	Total/NA	Solid	8015 NM	
880-51623-6	SP-2 (0-1.0')	Total/NA	Solid	8015 NM	
880-51623-7	SP-2 (1.5')	Total/NA	Solid	8015 NM	
880-51623-8	SP-2 (2.0')	Total/NA	Solid	8015 NM	
880-51623-9	SP-2 (3.0')	Total/NA	Solid	8015 NM	
880-51623-10	SP-2 (4.0')	Total/NA	Solid	8015 NM	
880-51623-11	SP-3 (0-1.0')	Total/NA	Solid	8015 NM	
880-51623-12	SP-3 (1.5')R	Total/NA	Solid	8015 NM	
880-51623-13	SP-4 (0-1.0')	Total/NA	Solid	8015 NM	
880-51623-14	SP-4 (1.5')	Total/NA	Solid	8015 NM	
880-51623-15	SP-4 (2.0')	Total/NA	Solid	8015 NM	
880-51623-16	SP-4 (3.0')	Total/NA	Solid	8015 NM	
880-51623-17	SP-4 (4.0')	Total/NA	Solid	8015 NM	
880-51623-18	SP-5 (0-1.0')	Total/NA	Solid	8015 NM	
880-51623-19	SP-5 (1.5')	Total/NA	Solid	8015 NM	
880-51623-20	SP-5 (2.0')	Total/NA	Solid	8015 NM	
880-51623-21	SP-5 (3.0')	Total/NA	Solid	8015 NM	
880-51623-22	SP-5 (4.0')	Total/NA	Solid	8015 NM	
880-51623-23	SP-6 (0-1.0')	Total/NA	Solid	8015 NM	
880-51623-24	SP-6 (1.5')	Total/NA	Solid	8015 NM	
880-51623-25	SP-6 (2.0')	Total/NA	Solid	8015 NM	
880-51623-26	SP-6 (3.0')	Total/NA	Solid	8015 NM	
880-51623-27	SP-6 (4.0')	Total/NA	Solid	8015 NM	
880-51623-28	SP-7 (0-1.0')R	Total/NA	Solid	8015 NM	
880-51623-29	SP-8 (0-1.0')	Total/NA	Solid	8015 NM	
880-51623-30	SP-8 (1.5')	Total/NA	Solid	8015 NM	
880-51623-31	SP-8 (2.0')	Total/NA	Solid	8015 NM	
880-51623-32	SP-8 (3.0')	Total/NA	Solid	8015 NM	
880-51623-33	SP-8 (4.0')	Total/NA	Solid	8015 NM	
880-51623-34	SP-9 (0-1.0')	Total/NA	Solid	8015 NM	
880-51623-35	SP-9 (1.5')	Total/NA	Solid	8015 NM	
880-51623-36	SP-9 (2.0')	Total/NA	Solid	8015 NM	
880-51623-37	SP-9 (3.0')	Total/NA	Solid	8015 NM	
880-51623-38	SP-9 (4.0')	Total/NA	Solid	8015 NM	
880-51623-39	SP-10 (0-1.0')R	Total/NA	Solid	8015 NM	
880-51623-40	SP-11 (0-1.0')	Total/NA	Solid	8015 NM	
880-51623-41	SP-11 (1.5')	Total/NA	Solid	8015 NM	
880-51623-42	SP-11 (2.0') R	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 97064 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51623-43	SP-12 (0-1.0')	Total/NA	Solid	8015 NM	
880-51623-44	SP-12 (1.5')	Total/NA	Solid	8015 NM	
880-51623-45	SP-12 (2.0')	Total/NA	Solid	8015 NM	
880-51623-46	SP-12 (3.0')	Total/NA	Solid	8015 NM	
880-51623-47	SP-12 (4.0')	Total/NA	Solid	8015 NM	
880-51623-48	SP-13 (0-1.0')	Total/NA	Solid	8015 NM	
880-51623-49	SP-13 (1.5')	Total/NA	Solid	8015 NM	
880-51623-50	SP-13 (2.0')	Total/NA	Solid	8015 NM	
880-51623-51	SP-13 (3.0')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 96902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51623-41	SP-11 (1.5')	Soluble	Solid	DI Leach	
880-51623-42	SP-11 (2.0') R	Soluble	Solid	DI Leach	
880-51623-43	SP-12 (0-1.0')	Soluble	Solid	DI Leach	
880-51623-44	SP-12 (1.5')	Soluble	Solid	DI Leach	
880-51623-45	SP-12 (2.0')	Soluble	Solid	DI Leach	
880-51623-46	SP-12 (3.0')	Soluble	Solid	DI Leach	
MB 880-96902/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-96902/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-96902/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7428-A-69-D MS	Matrix Spike	Soluble	Solid	DI Leach	
890-7428-A-69-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 96904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51623-1	SP-1 (0-1.0')	Soluble	Solid	DI Leach	
880-51623-2	SP-1 (1.5')	Soluble	Solid	DI Leach	
880-51623-3	SP-1 (2.0')	Soluble	Solid	DI Leach	
880-51623-4	SP-1 (3.0')	Soluble	Solid	DI Leach	
880-51623-5	SP-1 (4.0')	Soluble	Solid	DI Leach	
880-51623-6	SP-2 (0-1.0')	Soluble	Solid	DI Leach	
880-51623-7	SP-2 (1.5')	Soluble	Solid	DI Leach	
880-51623-8	SP-2 (2.0')	Soluble	Solid	DI Leach	
880-51623-9	SP-2 (3.0')	Soluble	Solid	DI Leach	
880-51623-10	SP-2 (4.0')	Soluble	Solid	DI Leach	
880-51623-11	SP-3 (0-1.0')	Soluble	Solid	DI Leach	
880-51623-12	SP-3 (1.5')R	Soluble	Solid	DI Leach	
880-51623-13	SP-4 (0-1.0')	Soluble	Solid	DI Leach	
880-51623-14	SP-4 (1.5')	Soluble	Solid	DI Leach	
880-51623-15	SP-4 (2.0')	Soluble	Solid	DI Leach	
880-51623-16	SP-4 (3.0')	Soluble	Solid	DI Leach	
880-51623-17	SP-4 (4.0')	Soluble	Solid	DI Leach	
880-51623-18	SP-5 (0-1.0')	Soluble	Solid	DI Leach	
880-51623-19	SP-5 (1.5')	Soluble	Solid	DI Leach	
880-51623-20	SP-5 (2.0')	Soluble	Solid	DI Leach	
MB 880-96904/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-96904/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-96904/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Leach Batch: 96904 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51623-1 MS	SP-1 (0-1.0')	Soluble	Solid	DI Leach	
880-51623-1 MSD	SP-1 (0-1.0')	Soluble	Solid	DI Leach	
880-51623-11 MS	SP-3 (0-1.0')	Soluble	Solid	DI Leach	
880-51623-11 MSD	SP-3 (0-1.0')	Soluble	Solid	DI Leach	

Leach Batch: 96906

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51623-21	SP-5 (3.0')	Soluble	Solid	DI Leach	
880-51623-22	SP-5 (4.0')	Soluble	Solid	DI Leach	
880-51623-23	SP-6 (0-1.0')	Soluble	Solid	DI Leach	
880-51623-24	SP-6 (1.5')	Soluble	Solid	DI Leach	
880-51623-25	SP-6 (2.0')	Soluble	Solid	DI Leach	
880-51623-26	SP-6 (3.0')	Soluble	Solid	DI Leach	
880-51623-27	SP-6 (4.0')	Soluble	Solid	DI Leach	
880-51623-28	SP-7 (0-1.0')R	Soluble	Solid	DI Leach	
880-51623-29	SP-8 (0-1.0')	Soluble	Solid	DI Leach	
880-51623-30	SP-8 (1.5')	Soluble	Solid	DI Leach	
880-51623-31	SP-8 (2.0')	Soluble	Solid	DI Leach	
880-51623-32	SP-8 (3.0')	Soluble	Solid	DI Leach	
880-51623-33	SP-8 (4.0')	Soluble	Solid	DI Leach	
880-51623-34	SP-9 (0-1.0')	Soluble	Solid	DI Leach	
880-51623-35	SP-9 (1.5')	Soluble	Solid	DI Leach	
880-51623-36	SP-9 (2.0')	Soluble	Solid	DI Leach	
880-51623-37	SP-9 (3.0')	Soluble	Solid	DI Leach	
880-51623-38	SP-9 (4.0')	Soluble	Solid	DI Leach	
880-51623-39	SP-10 (0-1.0')R	Soluble	Solid	DI Leach	
880-51623-40	SP-11 (0-1.0')	Soluble	Solid	DI Leach	
MB 880-96906/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-96906/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-96906/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-51623-21 MS	SP-5 (3.0')	Soluble	Solid	DI Leach	
880-51623-21 MSD	SP-5 (3.0')	Soluble	Solid	DI Leach	
880-51623-31 MS	SP-8 (2.0')	Soluble	Solid	DI Leach	
880-51623-31 MSD	SP-8 (2.0')	Soluble	Solid	DI Leach	

Analysis Batch: 96975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51623-41	SP-11 (1.5')	Soluble	Solid	300.0	96902
880-51623-42	SP-11 (2.0') R	Soluble	Solid	300.0	96902
880-51623-43	SP-12 (0-1.0')	Soluble	Solid	300.0	96902
880-51623-44	SP-12 (1.5')	Soluble	Solid	300.0	96902
880-51623-45	SP-12 (2.0')	Soluble	Solid	300.0	96902
880-51623-46	SP-12 (3.0')	Soluble	Solid	300.0	96902
MB 880-96902/1-A	Method Blank	Soluble	Solid	300.0	96902
LCS 880-96902/2-A	Lab Control Sample	Soluble	Solid	300.0	96902
LCSD 880-96902/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	96902
890-7428-A-69-D MS	Matrix Spike	Soluble	Solid	300.0	96902
890-7428-A-69-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	96902

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

HPLC/IC

Leach Batch: 96985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51623-47	SP-12 (4.0')	Soluble	Solid	DI Leach	
880-51623-48	SP-13 (0-1.0')	Soluble	Solid	DI Leach	
880-51623-49	SP-13 (1.5')	Soluble	Solid	DI Leach	
880-51623-50	SP-13 (2.0')	Soluble	Solid	DI Leach	
880-51623-51	SP-13 (3.0')	Soluble	Solid	DI Leach	
MB 880-96985/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-96985/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-96985/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-51623-47 MS	SP-12 (4.0')	Soluble	Solid	DI Leach	
880-51623-47 MSD	SP-12 (4.0')	Soluble	Solid	DI Leach	

Analysis Batch: 96994

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51623-47	SP-12 (4.0')	Soluble	Solid	300.0	96985
880-51623-48	SP-13 (0-1.0')	Soluble	Solid	300.0	96985
880-51623-49	SP-13 (1.5')	Soluble	Solid	300.0	96985
880-51623-50	SP-13 (2.0')	Soluble	Solid	300.0	96985
880-51623-51	SP-13 (3.0')	Soluble	Solid	300.0	96985
MB 880-96985/1-A	Method Blank	Soluble	Solid	300.0	96985
LCS 880-96985/2-A	Lab Control Sample	Soluble	Solid	300.0	96985
LCSD 880-96985/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	96985
880-51623-47 MS	SP-12 (4.0')	Soluble	Solid	300.0	96985
880-51623-47 MSD	SP-12 (4.0')	Soluble	Solid	300.0	96985

Analysis Batch: 97049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51623-1	SP-1 (0-1.0')	Soluble	Solid	300.0	96904
880-51623-2	SP-1 (1.5')	Soluble	Solid	300.0	96904
880-51623-3	SP-1 (2.0')	Soluble	Solid	300.0	96904
880-51623-4	SP-1 (3.0')	Soluble	Solid	300.0	96904
880-51623-5	SP-1 (4.0')	Soluble	Solid	300.0	96904
880-51623-6	SP-2 (0-1.0')	Soluble	Solid	300.0	96904
880-51623-7	SP-2 (1.5')	Soluble	Solid	300.0	96904
880-51623-8	SP-2 (2.0')	Soluble	Solid	300.0	96904
880-51623-9	SP-2 (3.0')	Soluble	Solid	300.0	96904
880-51623-10	SP-2 (4.0')	Soluble	Solid	300.0	96904
880-51623-11	SP-3 (0-1.0')	Soluble	Solid	300.0	96904
880-51623-12	SP-3 (1.5')R	Soluble	Solid	300.0	96904
880-51623-13	SP-4 (0-1.0')	Soluble	Solid	300.0	96904
880-51623-14	SP-4 (1.5')	Soluble	Solid	300.0	96904
880-51623-15	SP-4 (2.0')	Soluble	Solid	300.0	96904
880-51623-16	SP-4 (3.0')	Soluble	Solid	300.0	96904
880-51623-17	SP-4 (4.0')	Soluble	Solid	300.0	96904
880-51623-18	SP-5 (0-1.0')	Soluble	Solid	300.0	96904
880-51623-19	SP-5 (1.5')	Soluble	Solid	300.0	96904
880-51623-20	SP-5 (2.0')	Soluble	Solid	300.0	96904
MB 880-96904/1-A	Method Blank	Soluble	Solid	300.0	96904
LCS 880-96904/2-A	Lab Control Sample	Soluble	Solid	300.0	96904
LCSD 880-96904/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	96904
880-51623-1 MS	SP-1 (0-1.0')	Soluble	Solid	300.0	96904
880-51623-1 MSD	SP-1 (0-1.0')	Soluble	Solid	300.0	96904

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 97049 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51623-11 MS	SP-3 (0-1.0')	Soluble	Solid	300.0	96904
880-51623-11 MSD	SP-3 (0-1.0')	Soluble	Solid	300.0	96904

Analysis Batch: 97054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51623-21	SP-5 (3.0')	Soluble	Solid	300.0	96906
880-51623-22	SP-5 (4.0')	Soluble	Solid	300.0	96906
880-51623-23	SP-6 (0-1.0')	Soluble	Solid	300.0	96906
880-51623-24	SP-6 (1.5')	Soluble	Solid	300.0	96906
880-51623-25	SP-6 (2.0')	Soluble	Solid	300.0	96906
880-51623-26	SP-6 (3.0')	Soluble	Solid	300.0	96906
880-51623-27	SP-6 (4.0')	Soluble	Solid	300.0	96906
880-51623-28	SP-7 (0-1.0')R	Soluble	Solid	300.0	96906
880-51623-29	SP-8 (0-1.0')	Soluble	Solid	300.0	96906
880-51623-30	SP-8 (1.5')	Soluble	Solid	300.0	96906
880-51623-31	SP-8 (2.0')	Soluble	Solid	300.0	96906
880-51623-32	SP-8 (3.0')	Soluble	Solid	300.0	96906
880-51623-33	SP-8 (4.0')	Soluble	Solid	300.0	96906
880-51623-34	SP-9 (0-1.0')	Soluble	Solid	300.0	96906
880-51623-35	SP-9 (1.5')	Soluble	Solid	300.0	96906
880-51623-36	SP-9 (2.0')	Soluble	Solid	300.0	96906
880-51623-37	SP-9 (3.0')	Soluble	Solid	300.0	96906
880-51623-38	SP-9 (4.0')	Soluble	Solid	300.0	96906
880-51623-39	SP-10 (0-1.0')R	Soluble	Solid	300.0	96906
880-51623-40	SP-11 (0-1.0')	Soluble	Solid	300.0	96906
MB 880-96906/1-A	Method Blank	Soluble	Solid	300.0	96906
LCS 880-96906/2-A	Lab Control Sample	Soluble	Solid	300.0	96906
LCSD 880-96906/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	96906
880-51623-21 MS	SP-5 (3.0')	Soluble	Solid	300.0	96906
880-51623-21 MSD	SP-5 (3.0')	Soluble	Solid	300.0	96906
880-51623-31 MS	SP-8 (2.0')	Soluble	Solid	300.0	96906
880-51623-31 MSD	SP-8 (2.0')	Soluble	Solid	300.0	96906

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-51623-1

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96881	12/02/24 14:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96845	12/02/24 17:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/02/24 17:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 21:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	96905	12/02/24 16:25	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96956	12/03/24 21:41	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	96904	12/02/24 16:25	SA	EET MID
Soluble	Analysis	300.0		1			97049	12/05/24 01:59	CH	EET MID

Client Sample ID: SP-1 (1.5')

Lab Sample ID: 880-51623-2

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96881	12/02/24 14:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96845	12/02/24 17:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/02/24 17:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 21:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	96905	12/02/24 16:25	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96956	12/03/24 21:57	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	96904	12/02/24 16:25	SA	EET MID
Soluble	Analysis	300.0		1			97049	12/05/24 02:15	CH	EET MID

Client Sample ID: SP-1 (2.0')

Lab Sample ID: 880-51623-3

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	96881	12/02/24 14:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96845	12/02/24 18:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/02/24 18:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 22:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	96905	12/02/24 16:25	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96956	12/03/24 22:29	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	96904	12/02/24 16:25	SA	EET MID
Soluble	Analysis	300.0		1			97049	12/05/24 02:21	CH	EET MID

Client Sample ID: SP-1 (3.0')

Lab Sample ID: 880-51623-4

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96881	12/02/24 14:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96845	12/02/24 18:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/02/24 18:50	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-1 (3.0')

Lab Sample ID: 880-51623-4

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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			97064	12/03/24 22:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	96905	12/02/24 16:25	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96956	12/03/24 22:45	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	96904	12/02/24 16:25	SA	EET MID
Soluble	Analysis	300.0		1			97049	12/05/24 02:26	CH	EET MID

Client Sample ID: SP-1 (4.0')

Lab Sample ID: 880-51623-5

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96881	12/02/24 14:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96845	12/02/24 19:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/02/24 19:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 23:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	96905	12/02/24 16:25	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96956	12/03/24 23:01	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	96904	12/02/24 16:25	SA	EET MID
Soluble	Analysis	300.0		1			97049	12/05/24 02:31	CH	EET MID

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

Lab Sample ID: 880-51623-6

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96881	12/02/24 14:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96845	12/02/24 19:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/02/24 19:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 23:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	96905	12/02/24 16:25	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96956	12/03/24 23:17	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	96904	12/02/24 16:25	SA	EET MID
Soluble	Analysis	300.0		1			97049	12/05/24 02:47	CH	EET MID

Client Sample ID: SP-2 (1.5')

Lab Sample ID: 880-51623-7

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96881	12/02/24 14:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96845	12/02/24 20:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/02/24 20:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 23:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	96905	12/02/24 16:25	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96956	12/03/24 23:33	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-2 (1.5')

Lab Sample ID: 880-51623-7

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	96904	12/02/24 16:25	SA	EET MID
Soluble	Analysis	300.0		1			97049	12/05/24 02:52	CH	EET MID

Client Sample ID: SP-2 (2.0')

Lab Sample ID: 880-51623-8

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	96881	12/02/24 14:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96845	12/02/24 20:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/02/24 20:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 23:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	96905	12/02/24 16:25	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96956	12/03/24 23:48	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	96904	12/02/24 16:25	SA	EET MID
Soluble	Analysis	300.0		1			97049	12/05/24 02:57	CH	EET MID

Client Sample ID: SP-2 (3.0')

Lab Sample ID: 880-51623-9

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96881	12/02/24 14:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96845	12/02/24 21:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/02/24 21:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/04/24 00:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	96905	12/02/24 16:25	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96956	12/04/24 00:04	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	96904	12/02/24 16:25	SA	EET MID
Soluble	Analysis	300.0		1			97049	12/05/24 03:03	CH	EET MID

Client Sample ID: SP-2 (4.0')

Lab Sample ID: 880-51623-10

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96881	12/02/24 14:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96845	12/02/24 21:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/02/24 21:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/04/24 00:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	96905	12/02/24 16:25	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96956	12/04/24 00:21	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	96904	12/02/24 16:25	SA	EET MID
Soluble	Analysis	300.0		1			97049	12/05/24 03:08	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

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

Date Collected: 11/27/24 00:00

Date Received: 12/02/24 12:44

Lab Sample ID: 880-51623-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	96881	12/02/24 14:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96845	12/02/24 23:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/02/24 23:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/04/24 00:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	96905	12/02/24 16:25	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96956	12/04/24 00:36	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	96904	12/02/24 16:25	SA	EET MID
Soluble	Analysis	300.0		1			97049	12/05/24 03:13	CH	EET MID

Client Sample ID: SP-3 (1.5')R

Date Collected: 11/27/24 00:00

Date Received: 12/02/24 12:44

Lab Sample ID: 880-51623-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	96881	12/02/24 14:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96845	12/02/24 23:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/02/24 23:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/04/24 00:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	96905	12/02/24 16:25	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96956	12/04/24 00:52	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	96904	12/02/24 16:25	SA	EET MID
Soluble	Analysis	300.0		1			97049	12/05/24 03:29	CH	EET MID

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

Date Collected: 11/27/24 00:00

Date Received: 12/02/24 12:44

Lab Sample ID: 880-51623-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	96881	12/02/24 14:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96845	12/03/24 00:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 00:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 19:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	96907	12/02/24 16:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96959	12/03/24 19:02	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	96904	12/02/24 16:25	SA	EET MID
Soluble	Analysis	300.0		1			97049	12/05/24 03:34	CH	EET MID

Client Sample ID: SP-4 (1.5')

Date Collected: 11/27/24 00:00

Date Received: 12/02/24 12:44

Lab Sample ID: 880-51623-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	96881	12/02/24 14:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96845	12/03/24 00:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 00:35	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-4 (1.5')

Lab Sample ID: 880-51623-14

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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			97064	12/03/24 19:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	96907	12/02/24 16:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96959	12/03/24 19:49	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	96904	12/02/24 16:25	SA	EET MID
Soluble	Analysis	300.0		1			97049	12/05/24 03:50	CH	EET MID

Client Sample ID: SP-4 (2.0')

Lab Sample ID: 880-51623-15

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96881	12/02/24 14:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96845	12/03/24 01:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 01:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 20:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	96907	12/02/24 16:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96959	12/03/24 20:06	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	96904	12/02/24 16:25	SA	EET MID
Soluble	Analysis	300.0		1			97049	12/05/24 03:56	CH	EET MID

Client Sample ID: SP-4 (3.0')

Lab Sample ID: 880-51623-16

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96881	12/02/24 14:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96845	12/03/24 01:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 01:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 20:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	96907	12/02/24 16:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96959	12/03/24 20:21	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	96904	12/02/24 16:25	SA	EET MID
Soluble	Analysis	300.0		1			97049	12/05/24 04:01	CH	EET MID

Client Sample ID: SP-4 (4.0')

Lab Sample ID: 880-51623-17

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96881	12/02/24 14:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96845	12/03/24 01:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 01:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 20:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	96907	12/02/24 16:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96959	12/03/24 20:37	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-4 (4.0')**Lab Sample ID: 880-51623-17****Date Collected: 11/27/24 00:00****Matrix: Solid****Date Received: 12/02/24 12:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	96904	12/02/24 16:25	SA	EET MID
Soluble	Analysis	300.0		1			97049	12/05/24 04:06	CH	EET MID

Client Sample ID: SP-5 (0-1.0')**Lab Sample ID: 880-51623-18****Date Collected: 11/27/24 00:00****Matrix: Solid****Date Received: 12/02/24 12:44**

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	96881	12/02/24 14:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96845	12/03/24 02:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 02:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 20:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	96907	12/02/24 16:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96959	12/03/24 20:53	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	96904	12/02/24 16:25	SA	EET MID
Soluble	Analysis	300.0		1			97049	12/05/24 04:11	CH	EET MID

Client Sample ID: SP-5 (1.5')**Lab Sample ID: 880-51623-19****Date Collected: 11/27/24 00:00****Matrix: Solid****Date Received: 12/02/24 12:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	96881	12/02/24 14:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96845	12/03/24 02:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 02:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 21:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	96907	12/02/24 16:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96959	12/03/24 21:09	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	96904	12/02/24 16:25	SA	EET MID
Soluble	Analysis	300.0		1			97049	12/05/24 04:17	CH	EET MID

Client Sample ID: SP-5 (2.0')**Lab Sample ID: 880-51623-20****Date Collected: 11/27/24 00:00****Matrix: Solid****Date Received: 12/02/24 12:44**

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	96881	12/02/24 14:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96845	12/03/24 03:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 03:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 21:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	96907	12/02/24 16:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96959	12/03/24 21:25	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	96904	12/02/24 16:25	SA	EET MID
Soluble	Analysis	300.0		1			97049	12/05/24 04:22	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-5 (3.0')

Lab Sample ID: 880-51623-21

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96883	12/02/24 14:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96839	12/02/24 22:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/02/24 22:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 21:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	96907	12/02/24 16:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96959	12/03/24 21:41	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	96906	12/02/24 16:27	SA	EET MID
Soluble	Analysis	300.0		1			97054	12/04/24 13:41	CH	EET MID

Client Sample ID: SP-5 (4.0')

Lab Sample ID: 880-51623-22

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96883	12/02/24 14:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96839	12/02/24 23:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/02/24 23:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 21:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	96907	12/02/24 16:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96959	12/03/24 21:57	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	96906	12/02/24 16:27	SA	EET MID
Soluble	Analysis	300.0		1			97054	12/04/24 13:57	CH	EET MID

Client Sample ID: SP-6 (0-1.0')

Lab Sample ID: 880-51623-23

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	96883	12/02/24 14:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96839	12/02/24 23:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/02/24 23:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 22:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	96907	12/02/24 16:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96959	12/03/24 22:29	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	96906	12/02/24 16:27	SA	EET MID
Soluble	Analysis	300.0		1			97054	12/04/24 14:02	CH	EET MID

Client Sample ID: SP-6 (1.5')

Lab Sample ID: 880-51623-24

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96883	12/02/24 14:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96839	12/03/24 00:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 00:00	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-6 (1.5')

Lab Sample ID: 880-51623-24

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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			97064	12/03/24 22:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	96907	12/02/24 16:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96959	12/03/24 22:45	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	96906	12/02/24 16:27	SA	EET MID
Soluble	Analysis	300.0		1			97054	12/04/24 14:07	CH	EET MID

Client Sample ID: SP-6 (2.0')

Lab Sample ID: 880-51623-25

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96883	12/02/24 14:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96839	12/03/24 00:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 00:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 23:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	96907	12/02/24 16:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96959	12/03/24 23:01	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	96906	12/02/24 16:27	SA	EET MID
Soluble	Analysis	300.0		1			97054	12/04/24 14:12	CH	EET MID

Client Sample ID: SP-6 (3.0')

Lab Sample ID: 880-51623-26

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96883	12/02/24 14:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96839	12/03/24 00:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 00:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 23:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	96907	12/02/24 16:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96959	12/03/24 23:17	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	96906	12/02/24 16:27	SA	EET MID
Soluble	Analysis	300.0		1			97054	12/04/24 14:28	CH	EET MID

Client Sample ID: SP-6 (4.0')

Lab Sample ID: 880-51623-27

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96883	12/02/24 14:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96839	12/03/24 01:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 01:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 23:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	96907	12/02/24 16:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96959	12/03/24 23:33	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-6 (4.0')**Lab Sample ID: 880-51623-27****Date Collected: 11/27/24 00:00****Matrix: Solid****Date Received: 12/02/24 12:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	96906	12/02/24 16:27	SA	EET MID
Soluble	Analysis	300.0		1			97054	12/04/24 14:34	CH	EET MID

Client Sample ID: SP-7 (0-1.0')R**Lab Sample ID: 880-51623-28****Date Collected: 11/27/24 00:00****Matrix: Solid****Date Received: 12/02/24 12:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	96883	12/02/24 14:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96839	12/03/24 01:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 01:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 23:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	96907	12/02/24 16:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96959	12/03/24 23:48	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	96906	12/02/24 16:27	SA	EET MID
Soluble	Analysis	300.0		1			97054	12/04/24 14:39	CH	EET MID

Client Sample ID: SP-8 (0-1.0')**Lab Sample ID: 880-51623-29****Date Collected: 11/27/24 00:00****Matrix: Solid****Date Received: 12/02/24 12:44**

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	96883	12/02/24 14:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96839	12/03/24 01:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 01:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/04/24 00:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	96907	12/02/24 16:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96959	12/04/24 00:04	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	96906	12/02/24 16:27	SA	EET MID
Soluble	Analysis	300.0		1			97054	12/04/24 14:44	CH	EET MID

Client Sample ID: SP-8 (1.5')**Lab Sample ID: 880-51623-30****Date Collected: 11/27/24 00:00****Matrix: Solid****Date Received: 12/02/24 12:44**

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	96883	12/02/24 14:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96839	12/03/24 02:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 02:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/04/24 00:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	96907	12/02/24 16:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96959	12/04/24 00:21	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	96906	12/02/24 16:27	SA	EET MID
Soluble	Analysis	300.0		1			97054	12/04/24 14:49	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-8 (2.0')

Lab Sample ID: 880-51623-31

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96883	12/02/24 14:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96839	12/03/24 03:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 03:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/04/24 00:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	96907	12/02/24 16:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96959	12/04/24 00:36	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	96906	12/02/24 16:27	SA	EET MID
Soluble	Analysis	300.0		1			97054	12/04/24 14:55	CH	EET MID

Client Sample ID: SP-8 (3.0')

Lab Sample ID: 880-51623-32

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96883	12/02/24 14:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96839	12/03/24 03:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 03:46	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/04/24 00:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	96907	12/02/24 16:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96959	12/04/24 00:52	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	96906	12/02/24 16:27	SA	EET MID
Soluble	Analysis	300.0		1			97054	12/04/24 15:10	CH	EET MID

Client Sample ID: SP-8 (4.0')

Lab Sample ID: 880-51623-33

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	96883	12/02/24 14:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96839	12/03/24 04:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 04:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 17:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	96909	12/02/24 16:32	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97011	12/03/24 17:46	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	96906	12/02/24 16:27	SA	EET MID
Soluble	Analysis	300.0		1			97054	12/04/24 15:16	CH	EET MID

Client Sample ID: SP-9 (0-1.0')

Lab Sample ID: 880-51623-34

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96883	12/02/24 14:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96839	12/03/24 04:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 04:27	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-9 (0-1.0')

Lab Sample ID: 880-51623-34

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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			97064	12/03/24 18:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	96909	12/02/24 16:32	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97011	12/03/24 18:32	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	96906	12/02/24 16:27	SA	EET MID
Soluble	Analysis	300.0		1			97054	12/04/24 15:31	CH	EET MID

Client Sample ID: SP-9 (1.5')

Lab Sample ID: 880-51623-35

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96883	12/02/24 14:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96839	12/03/24 04:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 04:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 18:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	96909	12/02/24 16:32	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97011	12/03/24 18:46	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	96906	12/02/24 16:27	SA	EET MID
Soluble	Analysis	300.0		1			97054	12/04/24 15:37	CH	EET MID

Client Sample ID: SP-9 (2.0')

Lab Sample ID: 880-51623-36

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96883	12/02/24 14:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96839	12/03/24 05:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 05:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 19:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	96909	12/02/24 16:32	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97011	12/03/24 19:02	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	96906	12/02/24 16:27	SA	EET MID
Soluble	Analysis	300.0		1			97054	12/04/24 15:42	CH	EET MID

Client Sample ID: SP-9 (3.0')

Lab Sample ID: 880-51623-37

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96883	12/02/24 14:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96839	12/03/24 05:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 05:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 19:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	96909	12/02/24 16:32	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97011	12/03/24 19:17	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-9 (3.0')

Lab Sample ID: 880-51623-37

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	96906	12/02/24 16:27	SA	EET MID
Soluble	Analysis	300.0		1			97054	12/04/24 15:47	CH	EET MID

Client Sample ID: SP-9 (4.0')

Lab Sample ID: 880-51623-38

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96883	12/02/24 14:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96839	12/03/24 05:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 05:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 19:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	96909	12/02/24 16:32	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97011	12/03/24 19:33	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	96906	12/02/24 16:27	SA	EET MID
Soluble	Analysis	300.0		1			97054	12/04/24 15:53	CH	EET MID

Client Sample ID: SP-10 (0-1.0')R

Lab Sample ID: 880-51623-39

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	96883	12/02/24 14:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96839	12/03/24 06:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 06:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 19:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	96909	12/02/24 16:32	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97011	12/03/24 19:47	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	96906	12/02/24 16:27	SA	EET MID
Soluble	Analysis	300.0		1			97054	12/04/24 15:58	CH	EET MID

Client Sample ID: SP-11 (0-1.0')

Lab Sample ID: 880-51623-40

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96883	12/02/24 14:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96839	12/03/24 06:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 06:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 20:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	96909	12/02/24 16:32	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97011	12/03/24 20:03	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	96906	12/02/24 16:27	SA	EET MID
Soluble	Analysis	300.0		1			97054	12/04/24 16:03	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-11 (1.5')

Lab Sample ID: 880-51623-41

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96884	12/02/24 14:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96844	12/03/24 01:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 01:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 20:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	96909	12/02/24 16:32	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97011	12/03/24 20:17	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	96902	12/02/24 16:20	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	96975	12/06/24 15:02	CH	EET MID

Client Sample ID: SP-11 (2.0') R

Lab Sample ID: 880-51623-42

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96884	12/02/24 14:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96844	12/03/24 02:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 02:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 20:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	96909	12/02/24 16:32	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97011	12/03/24 20:32	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	96902	12/02/24 16:20	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96975	12/06/24 11:27	CH	EET MID

Client Sample ID: SP-12 (0-1.0')

Lab Sample ID: 880-51623-43

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	96884	12/02/24 14:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96844	12/03/24 02:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 02:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 21:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	96909	12/02/24 16:32	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97011	12/03/24 21:01	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	96902	12/02/24 16:20	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96975	12/06/24 11:34	CH	EET MID

Client Sample ID: SP-12 (1.5')

Lab Sample ID: 880-51623-44

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96884	12/02/24 14:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96844	12/03/24 02:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 02:41	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-12 (1.5')

Lab Sample ID: 880-51623-44

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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			97064	12/03/24 21:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	96909	12/02/24 16:32	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97011	12/03/24 21:16	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	96902	12/02/24 16:20	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96975	12/06/24 11:41	CH	EET MID

Client Sample ID: SP-12 (2.0')

Lab Sample ID: 880-51623-45

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96884	12/02/24 14:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96844	12/03/24 03:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 03:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 21:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	96909	12/02/24 16:32	EL	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	97011	12/03/24 21:30	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	96902	12/02/24 16:20	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96975	12/06/24 11:48	CH	EET MID

Client Sample ID: SP-12 (3.0')

Lab Sample ID: 880-51623-46

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96884	12/02/24 14:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96844	12/03/24 03:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 03:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 21:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	96909	12/02/24 16:32	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97011	12/03/24 21:46	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	96902	12/02/24 16:20	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96975	12/06/24 11:55	CH	EET MID

Client Sample ID: SP-12 (4.0')

Lab Sample ID: 880-51623-47

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96884	12/02/24 14:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96844	12/03/24 03:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 03:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	96909	12/02/24 16:32	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97011	12/03/24 22:00	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-12 (4.0')

Lab Sample ID: 880-51623-47

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	96985	12/03/24 12:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96994	12/03/24 22:13	CH	EET MID

Client Sample ID: SP-13 (0-1.0')

Lab Sample ID: 880-51623-48

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	96884	12/02/24 14:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96844	12/03/24 04:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 04:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 22:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	96909	12/02/24 16:32	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97011	12/03/24 22:16	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	96985	12/03/24 12:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96994	12/03/24 22:29	CH	EET MID

Client Sample ID: SP-13 (1.5')

Lab Sample ID: 880-51623-49

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96884	12/02/24 14:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96844	12/03/24 04:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 04:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 22:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	96909	12/02/24 16:32	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97011	12/03/24 22:30	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	96985	12/03/24 12:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96994	12/03/24 22:35	CH	EET MID

Client Sample ID: SP-13 (2.0')

Lab Sample ID: 880-51623-50

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96884	12/02/24 14:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96844	12/03/24 04:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 04:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 22:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	96909	12/02/24 16:32	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97011	12/03/24 22:45	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	96985	12/03/24 12:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96994	12/03/24 22:40	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Client Sample ID: SP-13 (3.0')

Date Collected: 11/27/24 00:00

Date Received: 12/02/24 12:44

Lab Sample ID: 880-51623-51

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	96884	12/02/24 14:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96844	12/03/24 06:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96980	12/03/24 06:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			97064	12/03/24 23:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	96909	12/02/24 16:32	EL	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	97011	12/03/24 23:00	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	96985	12/03/24 12:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96994	12/03/24 22:45	CH	EET MID

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Laboratory: Eurofins Midland

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

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

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

Method Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

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

Protocol References:

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

Laboratory References:

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

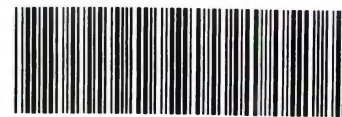
Sample Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51623-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-51623-1	SP-1 (0-1.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-2	SP-1 (1.5')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-3	SP-1 (2.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-4	SP-1 (3.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-5	SP-1 (4.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-6	SP-2 (0-1.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-7	SP-2 (1.5')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-8	SP-2 (2.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-9	SP-2 (3.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-10	SP-2 (4.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-11	SP-3 (0-1.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-12	SP-3 (1.5')R	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-13	SP-4 (0-1.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-14	SP-4 (1.5')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-15	SP-4 (2.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-16	SP-4 (3.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-17	SP-4 (4.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-18	SP-5 (0-1.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-19	SP-5 (1.5')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-20	SP-5 (2.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-21	SP-5 (3.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-22	SP-5 (4.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-23	SP-6 (0-1.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-24	SP-6 (1.5')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-25	SP-6 (2.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-26	SP-6 (3.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-27	SP-6 (4.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-28	SP-7 (0-1.0')R	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-29	SP-8 (0-1.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-30	SP-8 (1.5')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-31	SP-8 (2.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-32	SP-8 (3.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-33	SP-8 (4.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-34	SP-9 (0-1.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-35	SP-9 (1.5')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-36	SP-9 (2.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-37	SP-9 (3.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-38	SP-9 (4.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-39	SP-10 (0-1.0')R	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-40	SP-11 (0-1.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-41	SP-11 (1.5')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-42	SP-11 (2.0') R	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-43	SP-12 (0-1.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-44	SP-12 (1.5')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-45	SP-12 (2.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-46	SP-12 (3.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-47	SP-12 (4.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-48	SP-13 (0-1.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-49	SP-13 (1.5')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-50	SP-13 (2.0')	Solid	11/27/24 00:00	12/02/24 12:44
880-51623-51	SP-13 (3.0')	Solid	11/27/24 00:00	12/02/24 12:44

Chain of Custody



880-51623 Chain of Custody

Page 1 of 6

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

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

Project Name:		Greenwood PGU #4 Battery		Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes						
Project Number:		2565		☒ Routine ☐ Rush			Parameters	BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 300.0 HOLD																None: NO		DI Water: H ₂ O			
Project Location:		Eddy Co, NM		Due Date:																				Normal		Cool: Cool		MeOH: Me	
Sampler's Name:		JM/JDC		TAT starts the day received by the lab, if received by 4:30pm																						HCL: HC		HNO ₃ : HN	
PO #:																										H ₂ SO ₄ : H ₂		NaOH: Na	
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No																					
Received Intact:		Yes No		Thermometer ID:																									
Cooler Custody Seals:		Yes No		N/A		Correction Factor:																							
Sample Custody Seals:		Yes No		N/A		Temperature Reading:		-2.5																					
Total Containers:				Corrected Temperature:		-2.6																							
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont																	Sample Comments					
SP-1 (0-1.0')		11/27/2024		X		G	1	X	X	X																			
SP-1 (1.5')		11/27/2024		X		G	1	X	X	X																			
SP-1 (2.0')		11/27/2024		X		G	1	X	X	X																			
SP-1 (3.0')		11/27/2024		X		G	1	X	X	X																			
SP-1 (4.0')		11/27/2024		X		G	1	X	X	X																			
SP-2 (0-1.0')		11/27/2024		X		G	1	X	X	X																			
SP-2 (1.5')		11/27/2024		X		G	1	X	X	X																			
SP-2 (2.0')		11/27/2024		X		G	1	X	X	X																			
SP-2 (3.0')		11/27/2024		X		G	1	X	X	X																			
SP-2 (4.0')		11/27/2024		X		G	1	X	X	X																			

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

Relinquished by: (Signature)		Received by: (Signature)		Date/Time		Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
				12/1/24							
3		4		4		4		4		4	
5											

Chain of Custody

Work Order No: 6023

12/6/2024

Page 2 of 6

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

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

Project Name:		Greenwood PGU #4 Battery		Turn Around				ANALYSIS REQUEST																Preservative Codes							
Project Number:		2565		☒ Routine ☐ Rush		Pres. Code																		None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		Normal																		Cool: Cool MeOH: Me							
Sampler's Name:		JM/JDC		TAT starts the day received by the lab, if received by 4:30pm																				HCL: HC HNO ₃ : HN							
PO #:																								H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No																		H ₃ PO ₄ : HP					
Received Intact:		Yes No		Thermometer ID:																				NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																				Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:																				Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:																				NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont																		Sample Comments	
SP-3 (0-1.0')		11/27/2024				X				G		1		X X X																	
SP-3 (1.5') R		11/27/2024				X				G		1		X X X																	
SP-4 (0-1.0')		11/27/2024				X				G		1		X X X																	
SP-4 (1.5')		11/27/2024				X				G		1		X X X																	
SP-4 (2.0')		11/27/2024				X				G		1		X X X																	
SP-4 (3.0')		11/27/2024				X				G		1		X X X																	
SP-4 (4.0')		11/27/2024				X				G		1		X X X																	
SP-5 (0-1.0')		11/27/2024				X				G		1		X X X																	
SP-5 (1.5')		11/27/2024				X				G		1		X X X																	
SP-5 (2.0')		11/27/2024				X				G		1		X X X																	

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

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



Chain of Custody

Work Order No: _____

Page 3 of 6

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

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

Project Name:		Greenwood PGU #4 Battery		Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes				
Project Number:		2565		☒ Routine ☐ Rush			Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	HOLD	None: NO		DI Water: H ₂ O													
Project Location:		Eddy Co, NM		Due Date:								Normal		Cool: Cool		MeOH: Me											
Sampler's Name:		JM/JDC		TAT starts the day received by the lab, if received by 4:30pm										HCL: HC		HNO ₃ : HN											
PO #:														H ₂ SO ₄ : H ₂		NaOH: Na											
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No				H ₃ PO ₄ : HP		NaHSO ₄ : NABIS													
Received Intact:		Yes No				Thermometer ID:						Na ₂ S ₂ O ₃ : NaSO ₃		Zn Acetate+NaOH: Zn													
Cooler Custody Seals:		Yes No N/A				Correction Factor:						NaOH+Ascorbic Acid: SAPC															
Sample Custody Seals:		Yes No N/A				Temperature Reading:																					
Total Containers:						Corrected Temperature:																					
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont																	Sample Comments			
SP-5 (3.0')		11/27/2024		X		G	1	X	X	X																	
SP-5 (4.0')		11/27/2024		X		G	1	X	X	X																	
SP-6 (0-1.0')		11/27/2024		X		G	1	X	X	X																	
SP-6 (1.5')		11/27/2024		X		G	1	X	X	X																	
SP-6 (2.0')		11/27/2024		X		G	1	X	X	X																	
SP-6 (3.0')		11/27/2024		X		G	1	X	X	X																	
SP-6 (4.0')		11/27/2024		X		G	1	X	X	X																	
SP-7 (0-1.0') R		11/27/2024		X		G	1	X	X	X																	
SP-8 (0-1.0')		11/27/2024		X		G	1	X	X	X																	
SP-8 (1.5')		11/27/2024		X		G	1	X	X	X																	

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	2		2		
3			4		
5			6		

Chain of Custody

Work Order No: _____

12/6/2024

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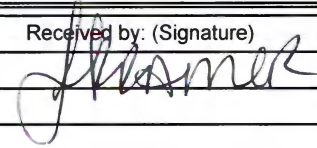
Project Manager:	Ashton Thielke	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 West Wall Ste. 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-8988	Email:	ThielkeA@Carmonaresources.com

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

Project Name:		Greenwood PGU #4 Battery		Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes		
Project Number:		2565		☒ Routine ☐ Rush			Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	HOLD	None: NO		DI Water: H ₂ O											
Project Location		Eddy Co, NM		Due Date:								Normal		Cool: Cool		MeOH: Me									
Sampler's Name:		JM/JDC		TAT starts the day received by the lab, if received by 4:30pm								HCL: HC		HNO ₃ : HN											
PO #:												H ₂ SO ₄ : H ₂		NaOH: Na											
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No				H ₃ PO ₄ : HP													
Received Intact:		Yes No		Thermometer ID:								NaHSO ₄ : NABIS													
Cooler Custody Seals:		Yes No N/A		Correction Factor:								Na ₂ S ₂ O ₃ : NaSO ₃													
Sample Custody Seals:		Yes No N/A		Temperature Reading:								Zn Acetate+NaOH: Zn													
Total Containers:				Corrected Temperature:								NaOH+Ascorbic Acid: SAPC													
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont																	Sample Comments	
SP-8 (2.0')		11/27/2024		X		G	1	X	X	X															
SP-8 (3.0')		11/27/2024		X		G	1	X	X	X															
SP-8 (4.0')		11/27/2024		X		G	1	X	X	X															
SP-9 (0-1.0')		11/27/2024		X		G	1	X	X	X															
SP-9 (1.5')		11/27/2024		X		G	1	X	X	X															
SP-9 (2.0')		11/27/2024		X		G	1	X	X	X															
SP-9 (3.0')		11/27/2024		X		G	1	X	X	X															
SP-9 (4.0')		11/27/2024		X		G	1	X	X	X															
SP-10 (0-1.0') R		11/27/2024		X		G	1	X	X	X															
SP-11 (0-1.0')		11/27/2024		X		G	1	X	X	X															

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

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 	2 		3		
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6			7		

Chain of Custody

Work Order No: _____

12/6/2024

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

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

Project Name:	Greenwood PGU #4 Battery		Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes					
Project Number:	2565		☒ Routine ☐ Rush			Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	HOLD	None: NO		DI Water: H ₂ O														
Project Location:	Eddy Co, NM		Due Date:	Normal							Cool: Cool		MeOH: Me														
Sampler's Name:	JM/JDC		TAT starts the day received by the lab, if received by 4:30pm								HCL: HC		HNO ₃ : HN														
PO #:											H ₂ SO ₄ : H ₂		NaOH: Na														
SAMPLE RECEIPT			Temp Blank:	Yes No	Wet Ice:	Yes No																	H ₃ PO ₄ : HP				
Received Intact:			Yes No	Thermometer ID:																		NaHSO ₄ : NABIS					
Cooler Custody Seals:			Yes No N/A	Correction Factor:																		Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:			Yes No N/A	Temperature Reading:																		Zn Acetate+NaOH: Zn					
Total Containers:					Corrected Temperature:																		NaOH+Ascorbic Acid: SAPC				
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont																	Sample Comments			
SP-11 (1.5')		11/27/2024		X		G	1	X	X	X																	
SP-11 (2.0') R		11/27/2024		X		G	1	X	X	X																	
SP-12 (0-1.0')		11/27/2024		X		G	1	X	X	X																	
SP-12 (1.5')		11/27/2024		X		G	1	X	X	X																	
SP-12 (2.0')		11/27/2024		X		G	1	X	X	X																	
SP-12 (3.0')		11/27/2024		X		G	1	X	X	X																	
SP-12 (4.0')		11/27/2024		X		G	1	X	X	X																	
SP-13 (0-1.0')		11/27/2024		X		G	1	X	X	X																	
SP-13 (1.5')		11/27/2024		X		G	1	X	X	X																	
SP-13 (2.0')		11/27/2024		X		G	1	X	X	X																	

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	2		2		
3			4		
5			6		

Work Order Comments

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

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ FRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

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

Revised Date 05012020 Rev. 2020.1

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-51623-1

SDG Number: Eddy Co, NM

Login Number: 51623

List Source: Eurofins Midland

List Number: 1

Creator: Vasquez, Julisa

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 1/9/2025 12:13:48 PM

JOB DESCRIPTION

Greenwood PGU #4 Battery
Eddy Co, NM

JOB NUMBER

880-52941-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701



Eurofins Midland

Job Notes

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

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

Authorization



Generated
1/9/2025 12:13:48 PM

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

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Laboratory Job ID: 880-52941-1
SDG: Eddy Co, NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	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: Greenwood PGU #4 Battery

Job ID: 880-52941-1

Job ID: 880-52941-1

Eurofins Midland

Job Narrative
880-52941-1

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

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

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

Receipt

The samples were received on 1/8/2025 10:05 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 -5.2°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SP-2 (0-1.0') (880-52941-1), SP-2 (2.0') (880-52941-2), SP-2 (3.0') (880-52941-3), SP-2 (4.0') (880-52941-4), SP-2 (5.0') (880-52941-5), SP-4 (0-1.0') (880-52941-6), SP-4 (2.0') (880-52941-7), SP-4 (3.0') (880-52941-8), SP-4 (4.0') (880-52941-9), SP-4 (5.0') (880-52941-10), SP-6 (0-1.0') (880-52941-11), SP-6 (2.0') (880-52941-12), SP-6 (3.0') (880-52941-13), SP-6 (4.0') (880-52941-14), SP-6 (5.0') (880-52941-15), SP-7 (0-1.0') (880-52941-16), SP-7 (2.0') (880-52941-17), SP-7 (3.0') (880-52941-18), SP-7 (4.0') (880-52941-19) and SP-7 (5.0') (880-52941-20).

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: SP-2 (0-1.0') (880-52941-1). 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: The laboratory control sample (LCS) associated with preparation batch 880-99815 and analytical batch 880-99763 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-99815/2-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-99815 and analytical batch 880-99763 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

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 880-99800 and analytical batch 880-99803 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.

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-52941-1

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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		01/08/25 10:12	01/08/25 12:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/08/25 10:12	01/08/25 12:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/08/25 10:12	01/08/25 12:34	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/08/25 10:12	01/08/25 12:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/08/25 10:12	01/08/25 12:34	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/08/25 10:12	01/08/25 12:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130	01/08/25 10:12	01/08/25 12:34	1
1,4-Difluorobenzene (Surr)	89		70 - 130	01/08/25 10:12	01/08/25 12:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/08/25 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	<49.9	U	49.9		mg/Kg			01/08/25 17:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+ *1	49.9		mg/Kg		01/08/25 12:14	01/08/25 17:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+ *1	49.9		mg/Kg		01/08/25 12:14	01/08/25 17:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/08/25 12:14	01/08/25 17:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130	01/08/25 12:14	01/08/25 17:53	1
o-Terphenyl	128		70 - 130	01/08/25 12:14	01/08/25 17:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	113	F1	10.0		mg/Kg			01/08/25 14:35	1

Client Sample ID: SP-2 (2.0')

Lab Sample ID: 880-52941-2

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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		01/08/25 10:12	01/08/25 12:54	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/08/25 10:12	01/08/25 12:54	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/08/25 10:12	01/08/25 12:54	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/08/25 10:12	01/08/25 12:54	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/08/25 10:12	01/08/25 12:54	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/08/25 10:12	01/08/25 12:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	01/08/25 10:12	01/08/25 12:54	1
1,4-Difluorobenzene (Surr)	97		70 - 130	01/08/25 10:12	01/08/25 12:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

Client Sample ID: SP-2 (2.0')

Lab Sample ID: 880-52941-2

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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			01/08/25 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	<49.9	U	49.9		mg/Kg			01/08/25 18:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U ** *1	49.9		mg/Kg		01/08/25 12:14	01/08/25 18:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U ** *1	49.9		mg/Kg		01/08/25 12:14	01/08/25 18:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/08/25 12:14	01/08/25 18:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				01/08/25 12:14	01/08/25 18:39	1
o-Terphenyl	104		70 - 130				01/08/25 12:14	01/08/25 18:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	124		10.0		mg/Kg			01/08/25 14:52	1

Client Sample ID: SP-2 (3.0')

Lab Sample ID: 880-52941-3

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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		01/08/25 10:12	01/08/25 13:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/08/25 10:12	01/08/25 13:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/08/25 10:12	01/08/25 13:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/08/25 10:12	01/08/25 13:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/08/25 10:12	01/08/25 13:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/08/25 10:12	01/08/25 13:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				01/08/25 10:12	01/08/25 13:15	1
1,4-Difluorobenzene (Surr)	98		70 - 130				01/08/25 10:12	01/08/25 13:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/08/25 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	<50.0	U	50.0		mg/Kg			01/08/25 18:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U ** *1	50.0		mg/Kg		01/08/25 12:14	01/08/25 18:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U ** *1	50.0		mg/Kg		01/08/25 12:14	01/08/25 18:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

Client Sample ID: SP-2 (3.0')

Lab Sample ID: 880-52941-3

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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		01/08/25 12:14	01/08/25 18:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				01/08/25 12:14	01/08/25 18:54	1
o-Terphenyl	102		70 - 130				01/08/25 12:14	01/08/25 18:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	114		10.0		mg/Kg			01/08/25 14:57	1

Client Sample ID: SP-2 (4.0')

Lab Sample ID: 880-52941-4

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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		01/08/25 10:12	01/08/25 13:35	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/08/25 10:12	01/08/25 13:35	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/08/25 10:12	01/08/25 13:35	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/08/25 10:12	01/08/25 13:35	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/08/25 10:12	01/08/25 13:35	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/08/25 10:12	01/08/25 13:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				01/08/25 10:12	01/08/25 13:35	1
1,4-Difluorobenzene (Surr)	98		70 - 130				01/08/25 10:12	01/08/25 13:35	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			01/08/25 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	<49.9	U	49.9		mg/Kg			01/08/25 19:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U ** *1	49.9		mg/Kg		01/08/25 12:14	01/08/25 19:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U ** *1	49.9		mg/Kg		01/08/25 12:14	01/08/25 19:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/08/25 12:14	01/08/25 19:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				01/08/25 12:14	01/08/25 19:10	1
o-Terphenyl	108		70 - 130				01/08/25 12:14	01/08/25 19:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	111		9.98		mg/Kg			01/08/25 15:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

Client Sample ID: SP-2 (5.0')

Lab Sample ID: 880-52941-5

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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		01/08/25 10:12	01/08/25 13:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/08/25 10:12	01/08/25 13:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/08/25 10:12	01/08/25 13:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/08/25 10:12	01/08/25 13:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/08/25 10:12	01/08/25 13:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/08/25 10:12	01/08/25 13:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	01/08/25 10:12	01/08/25 13:56	1
1,4-Difluorobenzene (Surr)	93		70 - 130	01/08/25 10:12	01/08/25 13:56	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			01/08/25 13:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/08/25 19:24	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	<49.8	U ** *1	49.8		mg/Kg		01/08/25 12:14	01/08/25 19:24	1
Diesel Range Organics (Over C10-C28)	<49.8	U ** *1	49.8		mg/Kg		01/08/25 12:14	01/08/25 19:24	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/08/25 12:14	01/08/25 19:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	01/08/25 12:14	01/08/25 19:24	1
o-Terphenyl	108		70 - 130	01/08/25 12:14	01/08/25 19:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		9.96		mg/Kg			01/08/25 15:09	1

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

Lab Sample ID: 880-52941-6

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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		01/08/25 10:12	01/08/25 14:16	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/08/25 10:12	01/08/25 14:16	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/08/25 10:12	01/08/25 14:16	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/08/25 10:12	01/08/25 14:16	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/08/25 10:12	01/08/25 14:16	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/08/25 10:12	01/08/25 14:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	01/08/25 10:12	01/08/25 14:16	1
1,4-Difluorobenzene (Surr)	98		70 - 130	01/08/25 10:12	01/08/25 14:16	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-52941-6

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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			01/08/25 14:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			01/08/25 19:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U ** *1	49.7		mg/Kg		01/08/25 12:14	01/08/25 19:40	1
Diesel Range Organics (Over C10-C28)	<49.7	U ** *1	49.7		mg/Kg		01/08/25 12:14	01/08/25 19:40	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/08/25 12:14	01/08/25 19:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				01/08/25 12:14	01/08/25 19:40	1
o-Terphenyl	113		70 - 130				01/08/25 12:14	01/08/25 19:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	116		10.0		mg/Kg			01/08/25 15:26	1

Client Sample ID: SP-4 (2.0')

Lab Sample ID: 880-52941-7

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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		01/08/25 10:12	01/08/25 14:36	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/08/25 10:12	01/08/25 14:36	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/08/25 10:12	01/08/25 14:36	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		01/08/25 10:12	01/08/25 14:36	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/08/25 10:12	01/08/25 14:36	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/08/25 10:12	01/08/25 14:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				01/08/25 10:12	01/08/25 14:36	1
1,4-Difluorobenzene (Surr)	96		70 - 130				01/08/25 10:12	01/08/25 14:36	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			01/08/25 14:36	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			01/08/25 19:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U ** *1	50.0		mg/Kg		01/08/25 12:14	01/08/25 19:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U ** *1	50.0		mg/Kg		01/08/25 12:14	01/08/25 19:56	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

Client Sample ID: SP-4 (2.0')

Lab Sample ID: 880-52941-7

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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		01/08/25 12:14	01/08/25 19:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				01/08/25 12:14	01/08/25 19:56	1
o-Terphenyl	112		70 - 130				01/08/25 12:14	01/08/25 19:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	137		10.0		mg/Kg			01/08/25 15:31	1

Client Sample ID: SP-4 (3.0')

Lab Sample ID: 880-52941-8

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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		01/08/25 10:12	01/08/25 14:57	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/08/25 10:12	01/08/25 14:57	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/08/25 10:12	01/08/25 14:57	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/08/25 10:12	01/08/25 14:57	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/08/25 10:12	01/08/25 14:57	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/08/25 10:12	01/08/25 14:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				01/08/25 10:12	01/08/25 14:57	1
1,4-Difluorobenzene (Surr)	98		70 - 130				01/08/25 10:12	01/08/25 14:57	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			01/08/25 14:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/08/25 20:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U ** *1	49.8		mg/Kg		01/08/25 12:14	01/08/25 20:10	1
Diesel Range Organics (Over C10-C28)	<49.8	U ** *1	49.8		mg/Kg		01/08/25 12:14	01/08/25 20:10	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/08/25 12:14	01/08/25 20:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				01/08/25 12:14	01/08/25 20:10	1
o-Terphenyl	101		70 - 130				01/08/25 12:14	01/08/25 20:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80.4		9.92		mg/Kg			01/08/25 15:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

Client Sample ID: SP-4 (4.0')

Lab Sample ID: 880-52941-9

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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		01/08/25 10:12	01/08/25 15:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/08/25 10:12	01/08/25 15:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/08/25 10:12	01/08/25 15:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/08/25 10:12	01/08/25 15:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/08/25 10:12	01/08/25 15:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/08/25 10:12	01/08/25 15:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	01/08/25 10:12	01/08/25 15:17	1
1,4-Difluorobenzene (Surr)	96		70 - 130	01/08/25 10:12	01/08/25 15:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/08/25 15:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/08/25 20:26	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 *+ *1	49.9		mg/Kg		01/08/25 12:14	01/08/25 20:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+ *1	49.9		mg/Kg		01/08/25 12:14	01/08/25 20:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/08/25 12:14	01/08/25 20:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	01/08/25 12:14	01/08/25 20:26	1
o-Terphenyl	107		70 - 130	01/08/25 12:14	01/08/25 20:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	104		10.0		mg/Kg			01/08/25 15:43	1

Client Sample ID: SP-4 (5.0')

Lab Sample ID: 880-52941-10

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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		01/08/25 10:12	01/08/25 15:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/08/25 10:12	01/08/25 15:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/08/25 10:12	01/08/25 15:38	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/08/25 10:12	01/08/25 15:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/08/25 10:12	01/08/25 15:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/08/25 10:12	01/08/25 15:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	01/08/25 10:12	01/08/25 15:38	1
1,4-Difluorobenzene (Surr)	93		70 - 130	01/08/25 10:12	01/08/25 15:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

Client Sample ID: SP-4 (5.0')

Lab Sample ID: 880-52941-10

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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			01/08/25 15:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/08/25 20:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U ** *1	49.8		mg/Kg		01/08/25 12:14	01/08/25 20:41	1
Diesel Range Organics (Over C10-C28)	<49.8	U ** *1	49.8		mg/Kg		01/08/25 12:14	01/08/25 20:41	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/08/25 12:14	01/08/25 20:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				01/08/25 12:14	01/08/25 20:41	1
o-Terphenyl	107		70 - 130				01/08/25 12:14	01/08/25 20:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	121		10.1		mg/Kg			01/08/25 15:48	1

Client Sample ID: SP-6 (0-1.0')

Lab Sample ID: 880-52941-11

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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		01/08/25 10:12	01/08/25 17:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/08/25 10:12	01/08/25 17:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/08/25 10:12	01/08/25 17:12	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/08/25 10:12	01/08/25 17:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/08/25 10:12	01/08/25 17:12	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/08/25 10:12	01/08/25 17:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				01/08/25 10:12	01/08/25 17:12	1
1,4-Difluorobenzene (Surr)	96		70 - 130				01/08/25 10:12	01/08/25 17:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/08/25 17:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/08/25 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	<49.9	U ** *1	49.9		mg/Kg		01/08/25 12:14	01/08/25 21:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U ** *1	49.9		mg/Kg		01/08/25 12:14	01/08/25 21:12	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

Client Sample ID: SP-6 (0-1.0')

Lab Sample ID: 880-52941-11

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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		01/08/25 12:14	01/08/25 21:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				01/08/25 12:14	01/08/25 21:12	1
o-Terphenyl	115		70 - 130				01/08/25 12:14	01/08/25 21:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102	F1	9.96		mg/Kg			01/08/25 15:54	1

Client Sample ID: SP-6 (2.0')

Lab Sample ID: 880-52941-12

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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		01/08/25 10:12	01/08/25 17:32	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/08/25 10:12	01/08/25 17:32	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/08/25 10:12	01/08/25 17:32	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/08/25 10:12	01/08/25 17:32	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/08/25 10:12	01/08/25 17:32	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/08/25 10:12	01/08/25 17:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				01/08/25 10:12	01/08/25 17:32	1
1,4-Difluorobenzene (Surr)	98		70 - 130				01/08/25 10:12	01/08/25 17:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/08/25 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	<49.8	U	49.8		mg/Kg			01/08/25 21:27	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 ** *1	49.8		mg/Kg		01/08/25 12:14	01/08/25 21:27	1
Diesel Range Organics (Over C10-C28)	<49.8	U ** *1	49.8		mg/Kg		01/08/25 12:14	01/08/25 21:27	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/08/25 12:14	01/08/25 21:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				01/08/25 12:14	01/08/25 21:27	1
o-Terphenyl	112		70 - 130				01/08/25 12:14	01/08/25 21:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		9.96		mg/Kg			01/08/25 16:11	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

Client Sample ID: SP-6 (3.0')

Lab Sample ID: 880-52941-13

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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		01/08/25 10:12	01/08/25 17:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/08/25 10:12	01/08/25 17:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/08/25 10:12	01/08/25 17:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/08/25 10:12	01/08/25 17:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/08/25 10:12	01/08/25 17:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/08/25 10:12	01/08/25 17:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	01/08/25 10:12	01/08/25 17:53	1
1,4-Difluorobenzene (Surr)	97		70 - 130	01/08/25 10:12	01/08/25 17:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/08/25 17:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/08/25 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	<50.0	U ** *1	50.0		mg/Kg		01/08/25 12:14	01/08/25 21:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U ** *1	50.0		mg/Kg		01/08/25 12:14	01/08/25 21:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/08/25 12:14	01/08/25 21:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	01/08/25 12:14	01/08/25 21:42	1
o-Terphenyl	86		70 - 130	01/08/25 12:14	01/08/25 21:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	100		9.98		mg/Kg			01/08/25 16:17	1

Client Sample ID: SP-6 (4.0')

Lab Sample ID: 880-52941-14

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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		01/08/25 10:12	01/08/25 18:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/08/25 10:12	01/08/25 18:13	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/08/25 10:12	01/08/25 18:13	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/08/25 10:12	01/08/25 18:13	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/08/25 10:12	01/08/25 18:13	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/08/25 10:12	01/08/25 18:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	01/08/25 10:12	01/08/25 18:13	1
1,4-Difluorobenzene (Surr)	95		70 - 130	01/08/25 10:12	01/08/25 18:13	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

Client Sample ID: SP-6 (4.0')

Lab Sample ID: 880-52941-14

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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			01/08/25 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	<49.7	U	49.7		mg/Kg			01/08/25 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	<49.7	U ** *1	49.7		mg/Kg		01/08/25 12:14	01/08/25 21:57	1
Diesel Range Organics (Over C10-C28)	<49.7	U ** *1	49.7		mg/Kg		01/08/25 12:14	01/08/25 21:57	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/08/25 12:14	01/08/25 21:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				01/08/25 12:14	01/08/25 21:57	1
o-Terphenyl	106		70 - 130				01/08/25 12:14	01/08/25 21:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.6		9.96		mg/Kg			01/08/25 16:34	1

Client Sample ID: SP-6 (5.0')

Lab Sample ID: 880-52941-15

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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		01/08/25 10:12	01/08/25 18:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/08/25 10:12	01/08/25 18:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/08/25 10:12	01/08/25 18:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/08/25 10:12	01/08/25 18:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/08/25 10:12	01/08/25 18:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/08/25 10:12	01/08/25 18:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				01/08/25 10:12	01/08/25 18:34	1
1,4-Difluorobenzene (Surr)	98		70 - 130				01/08/25 10:12	01/08/25 18:34	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			01/08/25 18:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/08/25 22:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U ** *1	49.8		mg/Kg		01/08/25 12:14	01/08/25 22:12	1
Diesel Range Organics (Over C10-C28)	<49.8	U ** *1	49.8		mg/Kg		01/08/25 12:14	01/08/25 22:12	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

Client Sample ID: SP-6 (5.0')

Lab Sample ID: 880-52941-15

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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		01/08/25 12:14	01/08/25 22:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				01/08/25 12:14	01/08/25 22:12	1
o-Terphenyl	102		70 - 130				01/08/25 12:14	01/08/25 22:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	108		10.0		mg/Kg			01/08/25 16:40	1

Client Sample ID: SP-7 (0-1.0')

Lab Sample ID: 880-52941-16

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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		01/08/25 10:12	01/08/25 18:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/08/25 10:12	01/08/25 18:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/08/25 10:12	01/08/25 18:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/08/25 10:12	01/08/25 18:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/08/25 10:12	01/08/25 18:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/08/25 10:12	01/08/25 18:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				01/08/25 10:12	01/08/25 18:54	1
1,4-Difluorobenzene (Surr)	97		70 - 130				01/08/25 10:12	01/08/25 18:54	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			01/08/25 18:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	68.3		49.9		mg/Kg			01/08/25 22:28	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 ** *1	49.9		mg/Kg		01/08/25 12:14	01/08/25 22:28	1
Diesel Range Organics (Over C10-C28)	68.3	** *1	49.9		mg/Kg		01/08/25 12:14	01/08/25 22:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/08/25 12:14	01/08/25 22:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				01/08/25 12:14	01/08/25 22:28	1
o-Terphenyl	116		70 - 130				01/08/25 12:14	01/08/25 22:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	116		10.1		mg/Kg			01/08/25 16:45	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

Client Sample ID: SP-7 (2.0')

Lab Sample ID: 880-52941-17

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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		01/08/25 10:12	01/08/25 19:15	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/08/25 10:12	01/08/25 19:15	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/08/25 10:12	01/08/25 19:15	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/08/25 10:12	01/08/25 19:15	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/08/25 10:12	01/08/25 19:15	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/08/25 10:12	01/08/25 19:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	01/08/25 10:12	01/08/25 19:15	1
1,4-Difluorobenzene (Surr)	91		70 - 130	01/08/25 10:12	01/08/25 19:15	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			01/08/25 19:15	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			01/08/25 22:43	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 *+ *1	50.0		mg/Kg		01/08/25 12:14	01/08/25 22:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+ *1	50.0		mg/Kg		01/08/25 12:14	01/08/25 22:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/08/25 12:14	01/08/25 22:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	01/08/25 12:14	01/08/25 22:43	1
o-Terphenyl	111		70 - 130	01/08/25 12:14	01/08/25 22:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	125		10.0		mg/Kg			01/08/25 16:51	1

Client Sample ID: SP-7 (3.0')

Lab Sample ID: 880-52941-18

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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		01/08/25 10:12	01/08/25 19:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/08/25 10:12	01/08/25 19:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/08/25 10:12	01/08/25 19:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/08/25 10:12	01/08/25 19:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/08/25 10:12	01/08/25 19:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/08/25 10:12	01/08/25 19:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	01/08/25 10:12	01/08/25 19:35	1
1,4-Difluorobenzene (Surr)	96		70 - 130	01/08/25 10:12	01/08/25 19:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

Client Sample ID: SP-7 (3.0')

Lab Sample ID: 880-52941-18

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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			01/08/25 19:35	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			01/08/25 22:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U ** *1	49.8		mg/Kg		01/08/25 12:14	01/08/25 22:59	1
Diesel Range Organics (Over C10-C28)	<49.8	U ** *1	49.8		mg/Kg		01/08/25 12:14	01/08/25 22:59	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/08/25 12:14	01/08/25 22:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				01/08/25 12:14	01/08/25 22:59	1
o-Terphenyl	104		70 - 130				01/08/25 12:14	01/08/25 22:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	124		10.0		mg/Kg			01/08/25 16:57	1

Client Sample ID: SP-7 (4.0')

Lab Sample ID: 880-52941-19

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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		01/08/25 10:12	01/08/25 19:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/08/25 10:12	01/08/25 19:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/08/25 10:12	01/08/25 19:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/08/25 10:12	01/08/25 19:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/08/25 10:12	01/08/25 19:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/08/25 10:12	01/08/25 19:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				01/08/25 10:12	01/08/25 19:56	1
1,4-Difluorobenzene (Surr)	94		70 - 130				01/08/25 10:12	01/08/25 19:56	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			01/08/25 19:56	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			01/08/25 23:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U ** *1	50.0		mg/Kg		01/08/25 12:14	01/08/25 23:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U ** *1	50.0		mg/Kg		01/08/25 12:14	01/08/25 23:14	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

Client Sample ID: SP-7 (4.0')

Lab Sample ID: 880-52941-19

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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		01/08/25 12:14	01/08/25 23:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				01/08/25 12:14	01/08/25 23:14	1
o-Terphenyl	102		70 - 130				01/08/25 12:14	01/08/25 23:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	122		9.98		mg/Kg			01/08/25 17:02	1

Client Sample ID: SP-7 (5.0')

Lab Sample ID: 880-52941-20

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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		01/08/25 10:12	01/08/25 20:16	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/08/25 10:12	01/08/25 20:16	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/08/25 10:12	01/08/25 20:16	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/08/25 10:12	01/08/25 20:16	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/08/25 10:12	01/08/25 20:16	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/08/25 10:12	01/08/25 20:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				01/08/25 10:12	01/08/25 20:16	1
1,4-Difluorobenzene (Surr)	98		70 - 130				01/08/25 10:12	01/08/25 20:16	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			01/08/25 20:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/08/25 23:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U ** *1	49.8		mg/Kg		01/08/25 12:14	01/08/25 23:30	1
Diesel Range Organics (Over C10-C28)	<49.8	U ** *1	49.8		mg/Kg		01/08/25 12:14	01/08/25 23:30	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/08/25 12:14	01/08/25 23:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				01/08/25 12:14	01/08/25 23:30	1
o-Terphenyl	108		70 - 130				01/08/25 12:14	01/08/25 23:30	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			01/08/25 17:08	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-52941-1	SP-2 (0-1.0')	138 S1+	89
880-52941-1 MS	SP-2 (0-1.0')	106	97
880-52941-1 MSD	SP-2 (0-1.0')	102	97
880-52941-2	SP-2 (2.0')	98	97
880-52941-3	SP-2 (3.0')	109	98
880-52941-4	SP-2 (4.0')	103	98
880-52941-5	SP-2 (5.0')	98	93
880-52941-6	SP-4 (0-1.0')	108	98
880-52941-7	SP-4 (2.0')	95	96
880-52941-8	SP-4 (3.0')	112	98
880-52941-9	SP-4 (4.0')	105	96
880-52941-10	SP-4 (5.0')	107	93
880-52941-11	SP-6 (0-1.0')	105	96
880-52941-12	SP-6 (2.0')	97	98
880-52941-13	SP-6 (3.0')	119	97
880-52941-14	SP-6 (4.0')	99	95
880-52941-15	SP-6 (5.0')	101	98
880-52941-16	SP-7 (0-1.0')	99	97
880-52941-17	SP-7 (2.0')	105	91
880-52941-18	SP-7 (3.0')	100	96
880-52941-19	SP-7 (4.0')	117	94
880-52941-20	SP-7 (5.0')	94	98
LCS 880-99776/1-A	Lab Control Sample	95	102
LCSD 880-99776/2-A	Lab Control Sample Dup	98	99
MB 880-99776/5-A	Method Blank	98	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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-52941-1	SP-2 (0-1.0')	127	128
880-52941-1 MS	SP-2 (0-1.0')	98	104
880-52941-1 MSD	SP-2 (0-1.0')	111	103
880-52941-2	SP-2 (2.0')	102	104
880-52941-3	SP-2 (3.0')	107	102
880-52941-4	SP-2 (4.0')	109	108
880-52941-5	SP-2 (5.0')	108	108
880-52941-6	SP-4 (0-1.0')	113	113
880-52941-7	SP-4 (2.0')	114	112
880-52941-8	SP-4 (3.0')	103	101
880-52941-9	SP-4 (4.0')	107	107
880-52941-10	SP-4 (5.0')	111	107
880-52941-11	SP-6 (0-1.0')	116	115
880-52941-12	SP-6 (2.0')	111	112

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-52941-1

Project/Site: Greenwood PGU #4 Battery

SDG: Eddy Co, NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-52941-13	SP-6 (3.0')	88	86
880-52941-14	SP-6 (4.0')	106	106
880-52941-15	SP-6 (5.0')	102	102
880-52941-16	SP-7 (0-1.0')	119	116
880-52941-17	SP-7 (2.0')	112	111
880-52941-18	SP-7 (3.0')	105	104
880-52941-19	SP-7 (4.0')	103	102
880-52941-20	SP-7 (5.0')	109	108
LCS 880-99815/2-A	Lab Control Sample	145 S1+	157 S1+
LCSD 880-99815/3-A	Lab Control Sample Dup	100	109
MB 880-99815/1-A	Method Blank	109	112
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-99776/5-A

Matrix: Solid

Analysis Batch: 99755

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 99776

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/08/25 10:12	01/08/25 12:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/08/25 10:12	01/08/25 12:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/08/25 10:12	01/08/25 12:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/08/25 10:12	01/08/25 12:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/08/25 10:12	01/08/25 12:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/08/25 10:12	01/08/25 12:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	01/08/25 10:12	01/08/25 12:12	1
1,4-Difluorobenzene (Surr)	92		70 - 130	01/08/25 10:12	01/08/25 12:12	1

Lab Sample ID: LCS 880-99776/1-A

Matrix: Solid

Analysis Batch: 99755

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 99776

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1054		mg/Kg		105	70 - 130
Toluene	0.100	0.1085		mg/Kg		109	70 - 130
Ethylbenzene	0.100	0.1040		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	0.200	0.1983		mg/Kg		99	70 - 130
o-Xylene	0.100	0.1084		mg/Kg		108	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-99776/2-A

Matrix: Solid

Analysis Batch: 99755

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 99776

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1080		mg/Kg		108	70 - 130	2	35
Toluene	0.100	0.1109		mg/Kg		111	70 - 130	2	35
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2011		mg/Kg		101	70 - 130	1	35
o-Xylene	0.100	0.1107		mg/Kg		111	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-52941-1 MS

Matrix: Solid

Analysis Batch: 99755

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

Prep Type: Total/NA

Prep Batch: 99776

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1147		mg/Kg		115	70 - 130
Toluene	<0.00200	U	0.100	0.1206		mg/Kg		121	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-52941-1 MS

Matrix: Solid

Analysis Batch: 99755

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

Prep Type: Total/NA

Prep Batch: 99776

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.1195		mg/Kg		120	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2324		mg/Kg		116	70 - 130
o-Xylene	<0.00200	U	0.100	0.1264		mg/Kg		126	70 - 130
MS MS									
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	106		70 - 130						
1,4-Difluorobenzene (Surr)	97		70 - 130						

Lab Sample ID: 880-52941-1 MSD

Matrix: Solid

Analysis Batch: 99755

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

Prep Type: Total/NA

Prep Batch: 99776

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	0.1100		mg/Kg		110	70 - 130	4	35
Toluene	<0.00200	U	0.100	0.1110		mg/Kg		111	70 - 130	8	35
Ethylbenzene	<0.00200	U	0.100	0.1080		mg/Kg		108	70 - 130	10	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2061		mg/Kg		103	70 - 130	12	35
o-Xylene	<0.00200	U	0.100	0.1141		mg/Kg		114	70 - 130	10	35
MSD MSD											
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	102		70 - 130								
1,4-Difluorobenzene (Surr)	97		70 - 130								

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

Lab Sample ID: MB 880-99815/1-A

Matrix: Solid

Analysis Batch: 99763

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 99815

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		01/08/25 12:14	01/08/25 17:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/08/25 12:14	01/08/25 17:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/08/25 12:14	01/08/25 17:05	1
MB MB									
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	109		70 - 130						
o-Terphenyl	112		70 - 130						

Lab Sample ID: LCS 880-99815/2-A

Matrix: Solid

Analysis Batch: 99763

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 99815

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1357	*+	mg/Kg		136	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1449	*+	mg/Kg		145	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-99815/2-A
Matrix: Solid
Analysis Batch: 99763

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 99815

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	145	S1+	70 - 130
o-Terphenyl	157	S1+	70 - 130

Lab Sample ID: LCSD 880-99815/3-A
Matrix: Solid
Analysis Batch: 99763

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 99815

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	957.7	*1	mg/Kg		96	70 - 130	34	20
Diesel Range Organics (Over C10-C28)	1000	1005	*1	mg/Kg		100	70 - 130	36	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	109		70 - 130

Lab Sample ID: 880-52941-1 MS
Matrix: Solid
Analysis Batch: 99763

Client Sample ID: SP-2 (0-1.0')
Prep Type: Total/NA
Prep Batch: 99815

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U ** *1	996	845.3		mg/Kg		85	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U ** *1	996	956.1		mg/Kg		96	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: 880-52941-1 MSD
Matrix: Solid
Analysis Batch: 99763

Client Sample ID: SP-2 (0-1.0')
Prep Type: Total/NA
Prep Batch: 99815

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 ** *1	996	825.8		mg/Kg		83	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U ** *1	996	917.4		mg/Kg		92	70 - 130	4	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	111		70 - 130
o-Terphenyl	103		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-99800/1-A

Matrix: Solid

Analysis Batch: 99803

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			01/08/25 14:18	1

Lab Sample ID: LCS 880-99800/2-A

Matrix: Solid

Analysis Batch: 99803

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	265.8		mg/Kg		106	90 - 110

Lab Sample ID: LCSD 880-99800/3-A

Matrix: Solid

Analysis Batch: 99803

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	266.3		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 880-52941-1 MS

Matrix: Solid

Analysis Batch: 99803

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	113	F1	251	413.8	F1	mg/Kg		120	90 - 110

Lab Sample ID: 880-52941-1 MSD

Matrix: Solid

Analysis Batch: 99803

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	113	F1	251	414.5	F1	mg/Kg		120	90 - 110	0	20

Lab Sample ID: 880-52941-11 MS

Matrix: Solid

Analysis Batch: 99803

Client Sample ID: SP-6 (0-1.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	102	F1	251	309.6	F1	mg/Kg		83	90 - 110

Lab Sample ID: 880-52941-11 MSD

Matrix: Solid

Analysis Batch: 99803

Client Sample ID: SP-6 (0-1.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	102	F1	251	310.0	F1	mg/Kg		83	90 - 110	0	20

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QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

GC VOA

Analysis Batch: 99755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52941-1	SP-2 (0-1.0')	Total/NA	Solid	8021B	99776
880-52941-2	SP-2 (2.0')	Total/NA	Solid	8021B	99776
880-52941-3	SP-2 (3.0')	Total/NA	Solid	8021B	99776
880-52941-4	SP-2 (4.0')	Total/NA	Solid	8021B	99776
880-52941-5	SP-2 (5.0')	Total/NA	Solid	8021B	99776
880-52941-6	SP-4 (0-1.0')	Total/NA	Solid	8021B	99776
880-52941-7	SP-4 (2.0')	Total/NA	Solid	8021B	99776
880-52941-8	SP-4 (3.0')	Total/NA	Solid	8021B	99776
880-52941-9	SP-4 (4.0')	Total/NA	Solid	8021B	99776
880-52941-10	SP-4 (5.0')	Total/NA	Solid	8021B	99776
880-52941-11	SP-6 (0-1.0')	Total/NA	Solid	8021B	99776
880-52941-12	SP-6 (2.0')	Total/NA	Solid	8021B	99776
880-52941-13	SP-6 (3.0')	Total/NA	Solid	8021B	99776
880-52941-14	SP-6 (4.0')	Total/NA	Solid	8021B	99776
880-52941-15	SP-6 (5.0')	Total/NA	Solid	8021B	99776
880-52941-16	SP-7 (0-1.0')	Total/NA	Solid	8021B	99776
880-52941-17	SP-7 (2.0')	Total/NA	Solid	8021B	99776
880-52941-18	SP-7 (3.0')	Total/NA	Solid	8021B	99776
880-52941-19	SP-7 (4.0')	Total/NA	Solid	8021B	99776
880-52941-20	SP-7 (5.0')	Total/NA	Solid	8021B	99776
MB 880-99776/5-A	Method Blank	Total/NA	Solid	8021B	99776
LCS 880-99776/1-A	Lab Control Sample	Total/NA	Solid	8021B	99776
LCSD 880-99776/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	99776
880-52941-1 MS	SP-2 (0-1.0')	Total/NA	Solid	8021B	99776
880-52941-1 MSD	SP-2 (0-1.0')	Total/NA	Solid	8021B	99776

Prep Batch: 99776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52941-1	SP-2 (0-1.0')	Total/NA	Solid	5035	
880-52941-2	SP-2 (2.0')	Total/NA	Solid	5035	
880-52941-3	SP-2 (3.0')	Total/NA	Solid	5035	
880-52941-4	SP-2 (4.0')	Total/NA	Solid	5035	
880-52941-5	SP-2 (5.0')	Total/NA	Solid	5035	
880-52941-6	SP-4 (0-1.0')	Total/NA	Solid	5035	
880-52941-7	SP-4 (2.0')	Total/NA	Solid	5035	
880-52941-8	SP-4 (3.0')	Total/NA	Solid	5035	
880-52941-9	SP-4 (4.0')	Total/NA	Solid	5035	
880-52941-10	SP-4 (5.0')	Total/NA	Solid	5035	
880-52941-11	SP-6 (0-1.0')	Total/NA	Solid	5035	
880-52941-12	SP-6 (2.0')	Total/NA	Solid	5035	
880-52941-13	SP-6 (3.0')	Total/NA	Solid	5035	
880-52941-14	SP-6 (4.0')	Total/NA	Solid	5035	
880-52941-15	SP-6 (5.0')	Total/NA	Solid	5035	
880-52941-16	SP-7 (0-1.0')	Total/NA	Solid	5035	
880-52941-17	SP-7 (2.0')	Total/NA	Solid	5035	
880-52941-18	SP-7 (3.0')	Total/NA	Solid	5035	
880-52941-19	SP-7 (4.0')	Total/NA	Solid	5035	
880-52941-20	SP-7 (5.0')	Total/NA	Solid	5035	
MB 880-99776/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-99776/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-99776/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

GC VOA (Continued)

Prep Batch: 99776 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52941-1 MS	SP-2 (0-1.0')	Total/NA	Solid	5035	
880-52941-1 MSD	SP-2 (0-1.0')	Total/NA	Solid	5035	

Analysis Batch: 99890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52941-1	SP-2 (0-1.0')	Total/NA	Solid	Total BTEX	
880-52941-2	SP-2 (2.0')	Total/NA	Solid	Total BTEX	
880-52941-3	SP-2 (3.0')	Total/NA	Solid	Total BTEX	
880-52941-4	SP-2 (4.0')	Total/NA	Solid	Total BTEX	
880-52941-5	SP-2 (5.0')	Total/NA	Solid	Total BTEX	
880-52941-6	SP-4 (0-1.0')	Total/NA	Solid	Total BTEX	
880-52941-7	SP-4 (2.0')	Total/NA	Solid	Total BTEX	
880-52941-8	SP-4 (3.0')	Total/NA	Solid	Total BTEX	
880-52941-9	SP-4 (4.0')	Total/NA	Solid	Total BTEX	
880-52941-10	SP-4 (5.0')	Total/NA	Solid	Total BTEX	
880-52941-11	SP-6 (0-1.0')	Total/NA	Solid	Total BTEX	
880-52941-12	SP-6 (2.0')	Total/NA	Solid	Total BTEX	
880-52941-13	SP-6 (3.0')	Total/NA	Solid	Total BTEX	
880-52941-14	SP-6 (4.0')	Total/NA	Solid	Total BTEX	
880-52941-15	SP-6 (5.0')	Total/NA	Solid	Total BTEX	
880-52941-16	SP-7 (0-1.0')	Total/NA	Solid	Total BTEX	
880-52941-17	SP-7 (2.0')	Total/NA	Solid	Total BTEX	
880-52941-18	SP-7 (3.0')	Total/NA	Solid	Total BTEX	
880-52941-19	SP-7 (4.0')	Total/NA	Solid	Total BTEX	
880-52941-20	SP-7 (5.0')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 99763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52941-1	SP-2 (0-1.0')	Total/NA	Solid	8015B NM	99815
880-52941-2	SP-2 (2.0')	Total/NA	Solid	8015B NM	99815
880-52941-3	SP-2 (3.0')	Total/NA	Solid	8015B NM	99815
880-52941-4	SP-2 (4.0')	Total/NA	Solid	8015B NM	99815
880-52941-5	SP-2 (5.0')	Total/NA	Solid	8015B NM	99815
880-52941-6	SP-4 (0-1.0')	Total/NA	Solid	8015B NM	99815
880-52941-7	SP-4 (2.0')	Total/NA	Solid	8015B NM	99815
880-52941-8	SP-4 (3.0')	Total/NA	Solid	8015B NM	99815
880-52941-9	SP-4 (4.0')	Total/NA	Solid	8015B NM	99815
880-52941-10	SP-4 (5.0')	Total/NA	Solid	8015B NM	99815
880-52941-11	SP-6 (0-1.0')	Total/NA	Solid	8015B NM	99815
880-52941-12	SP-6 (2.0')	Total/NA	Solid	8015B NM	99815
880-52941-13	SP-6 (3.0')	Total/NA	Solid	8015B NM	99815
880-52941-14	SP-6 (4.0')	Total/NA	Solid	8015B NM	99815
880-52941-15	SP-6 (5.0')	Total/NA	Solid	8015B NM	99815
880-52941-16	SP-7 (0-1.0')	Total/NA	Solid	8015B NM	99815
880-52941-17	SP-7 (2.0')	Total/NA	Solid	8015B NM	99815
880-52941-18	SP-7 (3.0')	Total/NA	Solid	8015B NM	99815
880-52941-19	SP-7 (4.0')	Total/NA	Solid	8015B NM	99815
880-52941-20	SP-7 (5.0')	Total/NA	Solid	8015B NM	99815
MB 880-99815/1-A	Method Blank	Total/NA	Solid	8015B NM	99815

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 99763 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-99815/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	99815
LCSD 880-99815/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	99815
880-52941-1 MS	SP-2 (0-1.0')	Total/NA	Solid	8015B NM	99815
880-52941-1 MSD	SP-2 (0-1.0')	Total/NA	Solid	8015B NM	99815

Prep Batch: 99815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52941-1	SP-2 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-52941-2	SP-2 (2.0')	Total/NA	Solid	8015NM Prep	
880-52941-3	SP-2 (3.0')	Total/NA	Solid	8015NM Prep	
880-52941-4	SP-2 (4.0')	Total/NA	Solid	8015NM Prep	
880-52941-5	SP-2 (5.0')	Total/NA	Solid	8015NM Prep	
880-52941-6	SP-4 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-52941-7	SP-4 (2.0')	Total/NA	Solid	8015NM Prep	
880-52941-8	SP-4 (3.0')	Total/NA	Solid	8015NM Prep	
880-52941-9	SP-4 (4.0')	Total/NA	Solid	8015NM Prep	
880-52941-10	SP-4 (5.0')	Total/NA	Solid	8015NM Prep	
880-52941-11	SP-6 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-52941-12	SP-6 (2.0')	Total/NA	Solid	8015NM Prep	
880-52941-13	SP-6 (3.0')	Total/NA	Solid	8015NM Prep	
880-52941-14	SP-6 (4.0')	Total/NA	Solid	8015NM Prep	
880-52941-15	SP-6 (5.0')	Total/NA	Solid	8015NM Prep	
880-52941-16	SP-7 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-52941-17	SP-7 (2.0')	Total/NA	Solid	8015NM Prep	
880-52941-18	SP-7 (3.0')	Total/NA	Solid	8015NM Prep	
880-52941-19	SP-7 (4.0')	Total/NA	Solid	8015NM Prep	
880-52941-20	SP-7 (5.0')	Total/NA	Solid	8015NM Prep	
MB 880-99815/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-99815/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-99815/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-52941-1 MS	SP-2 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-52941-1 MSD	SP-2 (0-1.0')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 99954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52941-1	SP-2 (0-1.0')	Total/NA	Solid	8015 NM	
880-52941-2	SP-2 (2.0')	Total/NA	Solid	8015 NM	
880-52941-3	SP-2 (3.0')	Total/NA	Solid	8015 NM	
880-52941-4	SP-2 (4.0')	Total/NA	Solid	8015 NM	
880-52941-5	SP-2 (5.0')	Total/NA	Solid	8015 NM	
880-52941-6	SP-4 (0-1.0')	Total/NA	Solid	8015 NM	
880-52941-7	SP-4 (2.0')	Total/NA	Solid	8015 NM	
880-52941-8	SP-4 (3.0')	Total/NA	Solid	8015 NM	
880-52941-9	SP-4 (4.0')	Total/NA	Solid	8015 NM	
880-52941-10	SP-4 (5.0')	Total/NA	Solid	8015 NM	
880-52941-11	SP-6 (0-1.0')	Total/NA	Solid	8015 NM	
880-52941-12	SP-6 (2.0')	Total/NA	Solid	8015 NM	
880-52941-13	SP-6 (3.0')	Total/NA	Solid	8015 NM	
880-52941-14	SP-6 (4.0')	Total/NA	Solid	8015 NM	
880-52941-15	SP-6 (5.0')	Total/NA	Solid	8015 NM	
880-52941-16	SP-7 (0-1.0')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 99954 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52941-17	SP-7 (2.0')	Total/NA	Solid	8015 NM	
880-52941-18	SP-7 (3.0')	Total/NA	Solid	8015 NM	
880-52941-19	SP-7 (4.0')	Total/NA	Solid	8015 NM	
880-52941-20	SP-7 (5.0')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 99800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52941-1	SP-2 (0-1.0')	Soluble	Solid	DI Leach	
880-52941-2	SP-2 (2.0')	Soluble	Solid	DI Leach	
880-52941-3	SP-2 (3.0')	Soluble	Solid	DI Leach	
880-52941-4	SP-2 (4.0')	Soluble	Solid	DI Leach	
880-52941-5	SP-2 (5.0')	Soluble	Solid	DI Leach	
880-52941-6	SP-4 (0-1.0')	Soluble	Solid	DI Leach	
880-52941-7	SP-4 (2.0')	Soluble	Solid	DI Leach	
880-52941-8	SP-4 (3.0')	Soluble	Solid	DI Leach	
880-52941-9	SP-4 (4.0')	Soluble	Solid	DI Leach	
880-52941-10	SP-4 (5.0')	Soluble	Solid	DI Leach	
880-52941-11	SP-6 (0-1.0')	Soluble	Solid	DI Leach	
880-52941-12	SP-6 (2.0')	Soluble	Solid	DI Leach	
880-52941-13	SP-6 (3.0')	Soluble	Solid	DI Leach	
880-52941-14	SP-6 (4.0')	Soluble	Solid	DI Leach	
880-52941-15	SP-6 (5.0')	Soluble	Solid	DI Leach	
880-52941-16	SP-7 (0-1.0')	Soluble	Solid	DI Leach	
880-52941-17	SP-7 (2.0')	Soluble	Solid	DI Leach	
880-52941-18	SP-7 (3.0')	Soluble	Solid	DI Leach	
880-52941-19	SP-7 (4.0')	Soluble	Solid	DI Leach	
880-52941-20	SP-7 (5.0')	Soluble	Solid	DI Leach	
MB 880-99800/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-99800/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-99800/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-52941-1 MS	SP-2 (0-1.0')	Soluble	Solid	DI Leach	
880-52941-1 MSD	SP-2 (0-1.0')	Soluble	Solid	DI Leach	
880-52941-11 MS	SP-6 (0-1.0')	Soluble	Solid	DI Leach	
880-52941-11 MSD	SP-6 (0-1.0')	Soluble	Solid	DI Leach	

Analysis Batch: 99803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52941-1	SP-2 (0-1.0')	Soluble	Solid	300.0	99800
880-52941-2	SP-2 (2.0')	Soluble	Solid	300.0	99800
880-52941-3	SP-2 (3.0')	Soluble	Solid	300.0	99800
880-52941-4	SP-2 (4.0')	Soluble	Solid	300.0	99800
880-52941-5	SP-2 (5.0')	Soluble	Solid	300.0	99800
880-52941-6	SP-4 (0-1.0')	Soluble	Solid	300.0	99800
880-52941-7	SP-4 (2.0')	Soluble	Solid	300.0	99800
880-52941-8	SP-4 (3.0')	Soluble	Solid	300.0	99800
880-52941-9	SP-4 (4.0')	Soluble	Solid	300.0	99800
880-52941-10	SP-4 (5.0')	Soluble	Solid	300.0	99800
880-52941-11	SP-6 (0-1.0')	Soluble	Solid	300.0	99800
880-52941-12	SP-6 (2.0')	Soluble	Solid	300.0	99800

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 99803 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52941-13	SP-6 (3.0')	Soluble	Solid	300.0	99800
880-52941-14	SP-6 (4.0')	Soluble	Solid	300.0	99800
880-52941-15	SP-6 (5.0')	Soluble	Solid	300.0	99800
880-52941-16	SP-7 (0-1.0')	Soluble	Solid	300.0	99800
880-52941-17	SP-7 (2.0')	Soluble	Solid	300.0	99800
880-52941-18	SP-7 (3.0')	Soluble	Solid	300.0	99800
880-52941-19	SP-7 (4.0')	Soluble	Solid	300.0	99800
880-52941-20	SP-7 (5.0')	Soluble	Solid	300.0	99800
MB 880-99800/1-A	Method Blank	Soluble	Solid	300.0	99800
LCS 880-99800/2-A	Lab Control Sample	Soluble	Solid	300.0	99800
LCSD 880-99800/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	99800
880-52941-1 MS	SP-2 (0-1.0')	Soluble	Solid	300.0	99800
880-52941-1 MSD	SP-2 (0-1.0')	Soluble	Solid	300.0	99800
880-52941-11 MS	SP-6 (0-1.0')	Soluble	Solid	300.0	99800
880-52941-11 MSD	SP-6 (0-1.0')	Soluble	Solid	300.0	99800

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-52941-1

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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	99776	01/08/25 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99755	01/08/25 12:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99890	01/08/25 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			99954	01/08/25 17:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	99815	01/08/25 12:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99763	01/08/25 17:53	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	99800	01/08/25 10:59	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99803	01/08/25 14:35	CH	EET MID

Client Sample ID: SP-2 (2.0')

Lab Sample ID: 880-52941-2

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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	99776	01/08/25 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99755	01/08/25 12:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99890	01/08/25 12:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			99954	01/08/25 18:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	99815	01/08/25 12:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99763	01/08/25 18:39	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	99800	01/08/25 10:59	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99803	01/08/25 14:52	CH	EET MID

Client Sample ID: SP-2 (3.0')

Lab Sample ID: 880-52941-3

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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	99776	01/08/25 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99755	01/08/25 13:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99890	01/08/25 13:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			99954	01/08/25 18:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	99815	01/08/25 12:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99763	01/08/25 18:54	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	99800	01/08/25 10:59	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99803	01/08/25 14:57	CH	EET MID

Client Sample ID: SP-2 (4.0')

Lab Sample ID: 880-52941-4

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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	99776	01/08/25 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99755	01/08/25 13:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99890	01/08/25 13:35	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

Client Sample ID: SP-2 (4.0')

Lab Sample ID: 880-52941-4

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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			99954	01/08/25 19:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	99815	01/08/25 12:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99763	01/08/25 19:10	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	99800	01/08/25 10:59	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99803	01/08/25 15:03	CH	EET MID

Client Sample ID: SP-2 (5.0')

Lab Sample ID: 880-52941-5

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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	99776	01/08/25 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99755	01/08/25 13:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99890	01/08/25 13:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			99954	01/08/25 19:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	99815	01/08/25 12:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99763	01/08/25 19:24	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	99800	01/08/25 10:59	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99803	01/08/25 15:09	CH	EET MID

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

Lab Sample ID: 880-52941-6

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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	99776	01/08/25 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99755	01/08/25 14:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99890	01/08/25 14:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			99954	01/08/25 19:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	99815	01/08/25 12:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99763	01/08/25 19:40	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	99800	01/08/25 10:59	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99803	01/08/25 15:26	CH	EET MID

Client Sample ID: SP-4 (2.0')

Lab Sample ID: 880-52941-7

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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	99776	01/08/25 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99755	01/08/25 14:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99890	01/08/25 14:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			99954	01/08/25 19:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	99815	01/08/25 12:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99763	01/08/25 19:56	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

Client Sample ID: SP-4 (2.0')

Lab Sample ID: 880-52941-7

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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	99800	01/08/25 10:59	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99803	01/08/25 15:31	CH	EET MID

Client Sample ID: SP-4 (3.0')

Lab Sample ID: 880-52941-8

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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	99776	01/08/25 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99755	01/08/25 14:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99890	01/08/25 14:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			99954	01/08/25 20:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	99815	01/08/25 12:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99763	01/08/25 20:10	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	99800	01/08/25 10:59	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99803	01/08/25 15:37	CH	EET MID

Client Sample ID: SP-4 (4.0')

Lab Sample ID: 880-52941-9

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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	99776	01/08/25 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99755	01/08/25 15:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99890	01/08/25 15:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			99954	01/08/25 20:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	99815	01/08/25 12:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99763	01/08/25 20:26	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	99800	01/08/25 10:59	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99803	01/08/25 15:43	CH	EET MID

Client Sample ID: SP-4 (5.0')

Lab Sample ID: 880-52941-10

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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	99776	01/08/25 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99755	01/08/25 15:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99890	01/08/25 15:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			99954	01/08/25 20:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	99815	01/08/25 12:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99763	01/08/25 20:41	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	99800	01/08/25 10:59	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99803	01/08/25 15:48	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

Client Sample ID: SP-6 (0-1.0')

Lab Sample ID: 880-52941-11

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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	99776	01/08/25 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99755	01/08/25 17:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99890	01/08/25 17:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			99954	01/08/25 21:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	99815	01/08/25 12:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99763	01/08/25 21:12	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	99800	01/08/25 10:59	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99803	01/08/25 15:54	CH	EET MID

Client Sample ID: SP-6 (2.0')

Lab Sample ID: 880-52941-12

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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	99776	01/08/25 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99755	01/08/25 17:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99890	01/08/25 17:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			99954	01/08/25 21:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	99815	01/08/25 12:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99763	01/08/25 21:27	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	99800	01/08/25 10:59	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99803	01/08/25 16:11	CH	EET MID

Client Sample ID: SP-6 (3.0')

Lab Sample ID: 880-52941-13

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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	99776	01/08/25 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99755	01/08/25 17:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99890	01/08/25 17:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			99954	01/08/25 21:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	99815	01/08/25 12:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99763	01/08/25 21:42	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	99800	01/08/25 10:59	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99803	01/08/25 16:17	CH	EET MID

Client Sample ID: SP-6 (4.0')

Lab Sample ID: 880-52941-14

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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	99776	01/08/25 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99755	01/08/25 18:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99890	01/08/25 18:13	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

Client Sample ID: SP-6 (4.0')

Lab Sample ID: 880-52941-14

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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			99954	01/08/25 21:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	99815	01/08/25 12:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99763	01/08/25 21:57	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	99800	01/08/25 10:59	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99803	01/08/25 16:34	CH	EET MID

Client Sample ID: SP-6 (5.0')

Lab Sample ID: 880-52941-15

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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	99776	01/08/25 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99755	01/08/25 18:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99890	01/08/25 18:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			99954	01/08/25 22:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	99815	01/08/25 12:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99763	01/08/25 22:12	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	99800	01/08/25 10:59	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99803	01/08/25 16:40	CH	EET MID

Client Sample ID: SP-7 (0-1.0')

Lab Sample ID: 880-52941-16

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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	99776	01/08/25 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99755	01/08/25 18:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99890	01/08/25 18:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			99954	01/08/25 22:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	99815	01/08/25 12:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99763	01/08/25 22:28	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	99800	01/08/25 10:59	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99803	01/08/25 16:45	CH	EET MID

Client Sample ID: SP-7 (2.0')

Lab Sample ID: 880-52941-17

Date Collected: 01/07/25 00:00

Matrix: Solid

Date Received: 01/08/25 10:05

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	99776	01/08/25 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99755	01/08/25 19:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99890	01/08/25 19:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			99954	01/08/25 22:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	99815	01/08/25 12:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99763	01/08/25 22:43	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

Client Sample ID: SP-7 (2.0')**Lab Sample ID: 880-52941-17****Date Collected: 01/07/25 00:00****Matrix: Solid****Date Received: 01/08/25 10:05**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	99800	01/08/25 10:59	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99803	01/08/25 16:51	CH	EET MID

Client Sample ID: SP-7 (3.0')**Lab Sample ID: 880-52941-18****Date Collected: 01/07/25 00:00****Matrix: Solid****Date Received: 01/08/25 10:05**

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	99776	01/08/25 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99755	01/08/25 19:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99890	01/08/25 19:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			99954	01/08/25 22:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	99815	01/08/25 12:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99763	01/08/25 22:59	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	99800	01/08/25 10:59	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99803	01/08/25 16:57	CH	EET MID

Client Sample ID: SP-7 (4.0')**Lab Sample ID: 880-52941-19****Date Collected: 01/07/25 00:00****Matrix: Solid****Date Received: 01/08/25 10:05**

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	99776	01/08/25 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99755	01/08/25 19:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99890	01/08/25 19:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			99954	01/08/25 23:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	99815	01/08/25 12:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99763	01/08/25 23:14	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	99800	01/08/25 10:59	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99803	01/08/25 17:02	CH	EET MID

Client Sample ID: SP-7 (5.0')**Lab Sample ID: 880-52941-20****Date Collected: 01/07/25 00:00****Matrix: Solid****Date Received: 01/08/25 10:05**

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	99776	01/08/25 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99755	01/08/25 20:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99890	01/08/25 20:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			99954	01/08/25 23:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	99815	01/08/25 12:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99763	01/08/25 23:30	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	99800	01/08/25 10:59	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99803	01/08/25 17:08	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

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

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

Laboratory: Eurofins Midland

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

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

Method Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

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

Protocol References:

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

Laboratory References:

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

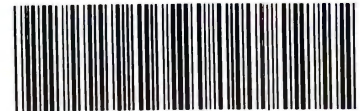
Sample Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-52941-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-52941-1	SP-2 (0-1.0')	Solid	01/07/25 00:00	01/08/25 10:05
880-52941-2	SP-2 (2.0')	Solid	01/07/25 00:00	01/08/25 10:05
880-52941-3	SP-2 (3.0')	Solid	01/07/25 00:00	01/08/25 10:05
880-52941-4	SP-2 (4.0')	Solid	01/07/25 00:00	01/08/25 10:05
880-52941-5	SP-2 (5.0')	Solid	01/07/25 00:00	01/08/25 10:05
880-52941-6	SP-4 (0-1.0')	Solid	01/07/25 00:00	01/08/25 10:05
880-52941-7	SP-4 (2.0')	Solid	01/07/25 00:00	01/08/25 10:05
880-52941-8	SP-4 (3.0')	Solid	01/07/25 00:00	01/08/25 10:05
880-52941-9	SP-4 (4.0')	Solid	01/07/25 00:00	01/08/25 10:05
880-52941-10	SP-4 (5.0')	Solid	01/07/25 00:00	01/08/25 10:05
880-52941-11	SP-6 (0-1.0')	Solid	01/07/25 00:00	01/08/25 10:05
880-52941-12	SP-6 (2.0')	Solid	01/07/25 00:00	01/08/25 10:05
880-52941-13	SP-6 (3.0')	Solid	01/07/25 00:00	01/08/25 10:05
880-52941-14	SP-6 (4.0')	Solid	01/07/25 00:00	01/08/25 10:05
880-52941-15	SP-6 (5.0')	Solid	01/07/25 00:00	01/08/25 10:05
880-52941-16	SP-7 (0-1.0')	Solid	01/07/25 00:00	01/08/25 10:05
880-52941-17	SP-7 (2.0')	Solid	01/07/25 00:00	01/08/25 10:05
880-52941-18	SP-7 (3.0')	Solid	01/07/25 00:00	01/08/25 10:05
880-52941-19	SP-7 (4.0')	Solid	01/07/25 00:00	01/08/25 10:05
880-52941-20	SP-7 (5.0')	Solid	01/07/25 00:00	01/08/25 10:05

Chain of Custody



880-52941 Chain of Custody

Page 1 of 2

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

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

Project Name:		Greenwood PGU #4 Battery		Turn Around		ANALYSIS REQUEST																Preservative Codes							
Project Number:		2565		☐ Routine ☒ Rush		Parameters BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 300.0 HOLD																None: NO		DI Water: H ₂ O					
Project Location		Eddy Co, NM		Due Date:																		48 hr.		Cool: Cool		MeOH: Me			
Sampler's Name:		JDC		TAT starts the day received by the lab, if received by 4:30pm																		HCL: HC		HNO ₃ : HN					
PO #:																						H ₂ SO ₄ : H ₂		NaOH: Na					
SAMPLE RECEIPT		Temp Blank:		Yes ☒ No ☐		Wet Ice:		Yes ☒ No ☐		Sample Comments																			
Received Intact:		Yes ☒ No ☐		Thermometer ID:		IB-8																							
Cooler Custody Seals:		Yes ☐ No ☒ N/A		Correction Factor:		-1																							
Sample Custody Seals:		Yes ☐ No ☒ N/A		Temperature Reading:		-5.1																							
Total Containers:				Corrected Temperature:		-5.2																							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont																	
SP-2 (0-1.0')		1/7/2025				X				G		1		X X X															
SP-2 (2.0')		1/7/2025				X				G		1		X X X															
SP-2 (3.0')		1/7/2025				X				G		1		X X X															
SP-2 (4.0')		1/7/2025				X				G		1		X X X															
SP-2 (5.0')		1/7/2025				X				G		1		X X X															
SP-4 (0-1.0')		1/7/2025				X				G		1		X X X															
SP-4 (2.0')		1/7/2025				X				G		1		X X X															
SP-4 (3.0')		1/7/2025				X				G		1		X X X															
SP-4 (4.0')		1/7/2025				X				G		1		X X X															
SP-4 (5.0')		1/7/2025				X				G		1		X X X															

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		1/6/25 1005			

Revised Date 05012020 Rev. 2020.1

Chain of Custody

Work Order No: 941

Page 2 of 2

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

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

Project Name:		Greenwood PGU #4 Battery		Turn Around				ANALYSIS REQUEST																Preservative Codes							
Project Number:		2565		☐ Routine ☒ Rush		Pres. Code																		None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		48 hr.																		Cool: Cool MeOH: Me							
Sampler's Name:		JDC		TAT starts the day received by the lab, if received by 4:30pm																		HCL: HC HNO ₃ : HN									
PO #:																						H ₂ SO ₄ : H ₂ NaOH: Na									
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No																		H ₃ PO ₄ : HP					
Received Intact:		Yes No		Thermometer ID:																		NaHSO ₄ : NABIS									
Cooler Custody Seals:		Yes No N/A		Correction Factor:																		Na ₂ S ₂ O ₃ : NaSO ₃									
Sample Custody Seals:		Yes No N/A		Temperature Reading:																		Zn Acetate+NaOH: Zn									
Total Containers:				Corrected Temperature:																		NaOH+Ascorbic Acid: SAPC									
Sample Identification		Date		Time		Soil		Water		Grab/ Comp		# of Cont																		Sample Comments	
SP-6 (0-1.0')		1/7/2025				X				G		1																			
SP-6 (2.0')		1/7/2025				X				G		1																			
SP-6 (3.0')		1/7/2025				X				G		1																			
SP-6 (4.0')		1/7/2025				X				G		1																			
SP-6 (5.0')		1/7/2025				X				G		1																			
SP-7 (0-1.0')		1/7/2025				X				G		1																			
SP-7 (2.0')		1/7/2025				X				G		1																			
SP-7 (3.0')		1/7/2025				X				G		1																			
SP-7 (4.0')		1/7/2025				X				G		1																			
SP-7 (5.0')		1/7/2025				X				G		1																			

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		1/8/25 1005 ²			
3					
5					

Revised Date 05012020 Rev. 2020.1

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-52941-1

SDG Number: Eddy Co, NM

Login Number: 52941

List Number: 1

List Source: Eurofins Midland

Creator: Vasquez, Julisa

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/6/2024 12:54:37 PM

JOB DESCRIPTION

Greenwood PGU #4 Battery
Eddy Co, NM

JOB NUMBER

880-51621-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

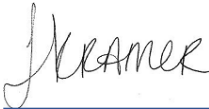
Eurofins Midland

Job Notes

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

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

Authorization



Generated
12/6/2024 12:54:37 PM

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

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Laboratory Job ID: 880-51621-1
SDG: Eddy Co, NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51621-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	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: Greenwood PGU #4 Battery

Job ID: 880-51621-1

Job ID: 880-51621-1

Eurofins Midland

Job Narrative
880-51621-1

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

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

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

Receipt

The samples were received on 12/2/2024 12:44 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 -2.6°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5') (880-51621-1), H-2 (0-0.5') (880-51621-2), H-3 (0-0.5') (880-51621-3), H-4 (0-0.5') (880-51621-4), H-5 (0-0.5') (880-51621-5), H-6 (0-0.5') (880-51621-6), H-7 (0-0.5') (880-51621-7), H-8 (0-0.5') (880-51621-8), H-9 (0-0.5') (880-51621-9), H-10 (0-0.5') (880-51621-10), H-11 (0-0.5') (880-51621-11), H-12 (0-0.5') (880-51621-12), H-13 (0-0.5') (880-51621-13), H-14 (0-0.5') (880-51621-14), H-15 (0-0.5') (880-51621-15) and H-16 (0-0.5') (880-51621-16).

GC VOA

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

Diesel Range Organics

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-96905 and analytical batch 880-96956 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: H-11 (0-0.5') (880-51621-11), H-13 (0-0.5') (880-51621-13), H-14 (0-0.5') (880-51621-14), H-15 (0-0.5') (880-51621-15) and H-16 (0-0.5') (880-51621-16). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-96858 and analytical batch 880-96959 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

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-96903 and analytical batch 880-96981 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.

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51621-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-51621-1

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:41	12/02/24 23:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:41	12/02/24 23:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:41	12/02/24 23:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/24 14:41	12/02/24 23:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:41	12/02/24 23:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/24 14:41	12/02/24 23:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	12/02/24 14:41	12/02/24 23:36	1
1,4-Difluorobenzene (Surr)	108		70 - 130	12/02/24 14:41	12/02/24 23:36	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			12/02/24 23:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			12/03/24 14:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/02/24 09:23	12/03/24 14:59	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		12/02/24 09:23	12/03/24 14:59	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/02/24 09:23	12/03/24 14:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	12/02/24 09:23	12/03/24 14:59	1
o-Terphenyl	85		70 - 130	12/02/24 09:23	12/03/24 14:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	111		10.1		mg/Kg			12/05/24 17:45	1

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

Lab Sample ID: 880-51621-2

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:41	12/02/24 23:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:41	12/02/24 23:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:41	12/02/24 23:56	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/02/24 14:41	12/02/24 23:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:41	12/02/24 23:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/02/24 14:41	12/02/24 23:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	12/02/24 14:41	12/02/24 23:56	1
1,4-Difluorobenzene (Surr)	108		70 - 130	12/02/24 14:41	12/02/24 23:56	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51621-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-51621-2

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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			12/02/24 23:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/03/24 15:14	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		12/02/24 09:23	12/03/24 15:14	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/24 09:23	12/03/24 15:14	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/24 09:23	12/03/24 15:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				12/02/24 09:23	12/03/24 15:14	1
o-Terphenyl	86		70 - 130				12/02/24 09:23	12/03/24 15:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	101		9.96		mg/Kg			12/05/24 18:03	1

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

Lab Sample ID: 880-51621-3

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:41	12/03/24 00:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:41	12/03/24 00:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:41	12/03/24 00:17	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/02/24 14:41	12/03/24 00:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:41	12/03/24 00:17	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/02/24 14:41	12/03/24 00:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				12/02/24 14:41	12/03/24 00:17	1
1,4-Difluorobenzene (Surr)	108		70 - 130				12/02/24 14:41	12/03/24 00:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/03/24 00:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/03/24 15:32	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		12/02/24 09:23	12/03/24 15:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/24 09:23	12/03/24 15:32	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51621-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-51621-3

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 09:23	12/03/24 15:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/02/24 09:23	12/03/24 15:32	1
o-Terphenyl	81		70 - 130				12/02/24 09:23	12/03/24 15:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	98.5		10.0		mg/Kg			12/05/24 18:09	1

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

Lab Sample ID: 880-51621-4

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:41	12/03/24 00:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:41	12/03/24 00:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:41	12/03/24 00:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/24 14:41	12/03/24 00:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:41	12/03/24 00:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/24 14:41	12/03/24 00:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/02/24 14:41	12/03/24 00:37	1
1,4-Difluorobenzene (Surr)	105		70 - 130				12/02/24 14:41	12/03/24 00:37	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			12/03/24 00:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/03/24 15:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/02/24 09:23	12/03/24 15:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/24 09:23	12/03/24 15:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/24 09:23	12/03/24 15:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				12/02/24 09:23	12/03/24 15:48	1
o-Terphenyl	83		70 - 130				12/02/24 09:23	12/03/24 15:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	92.8		10.1		mg/Kg			12/05/24 18:14	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51621-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-51621-5

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:41	12/03/24 00:58	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/02/24 14:41	12/03/24 00:58	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/02/24 14:41	12/03/24 00:58	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/02/24 14:41	12/03/24 00:58	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/02/24 14:41	12/03/24 00:58	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/02/24 14:41	12/03/24 00:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	12/02/24 14:41	12/03/24 00:58	1
1,4-Difluorobenzene (Surr)	109		70 - 130	12/02/24 14:41	12/03/24 00:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			12/03/24 00:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/03/24 16:05	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		12/02/24 09:23	12/03/24 16:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/24 09:23	12/03/24 16:05	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/24 09:23	12/03/24 16:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	12/02/24 09:23	12/03/24 16:05	1
o-Terphenyl	83		70 - 130	12/02/24 09:23	12/03/24 16:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	70.6		9.94		mg/Kg			12/05/24 18:20	1

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

Lab Sample ID: 880-51621-6

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:41	12/03/24 01:18	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/02/24 14:41	12/03/24 01:18	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/02/24 14:41	12/03/24 01:18	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/02/24 14:41	12/03/24 01:18	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/02/24 14:41	12/03/24 01:18	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/02/24 14:41	12/03/24 01:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	12/02/24 14:41	12/03/24 01:18	1
1,4-Difluorobenzene (Surr)	107		70 - 130	12/02/24 14:41	12/03/24 01:18	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51621-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-51621-6

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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			12/03/24 01:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/03/24 16:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/02/24 09:23	12/03/24 16:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/24 09:23	12/03/24 16:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/24 09:23	12/03/24 16:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				12/02/24 09:23	12/03/24 16:20	1
o-Terphenyl	84		70 - 130				12/02/24 09:23	12/03/24 16:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.1		9.96		mg/Kg			12/05/24 18:26	1

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

Lab Sample ID: 880-51621-7

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:41	12/03/24 01:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:41	12/03/24 01:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:41	12/03/24 01:39	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/02/24 14:41	12/03/24 01:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:41	12/03/24 01:39	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/02/24 14:41	12/03/24 01:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/02/24 14:41	12/03/24 01:39	1
1,4-Difluorobenzene (Surr)	108		70 - 130				12/02/24 14:41	12/03/24 01:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/03/24 01:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/03/24 16:37	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		12/02/24 09:23	12/03/24 16:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/24 09:23	12/03/24 16:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51621-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-51621-7

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 09:23	12/03/24 16:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				12/02/24 09:23	12/03/24 16:37	1
o-Terphenyl	89		70 - 130				12/02/24 09:23	12/03/24 16:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	87.7	F1	9.98		mg/Kg			12/05/24 18:32	1

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

Lab Sample ID: 880-51621-8

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:41	12/03/24 01:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:41	12/03/24 01:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:41	12/03/24 01:59	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/02/24 14:41	12/03/24 01:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:41	12/03/24 01:59	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/02/24 14:41	12/03/24 01:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/02/24 14:41	12/03/24 01:59	1
1,4-Difluorobenzene (Surr)	107		70 - 130				12/02/24 14:41	12/03/24 01:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/03/24 01:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/03/24 16:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/02/24 09:23	12/03/24 16:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/24 09:23	12/03/24 16:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/24 09:23	12/03/24 16:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				12/02/24 09:23	12/03/24 16:52	1
o-Terphenyl	88		70 - 130				12/02/24 09:23	12/03/24 16:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	82.9		9.98		mg/Kg			12/05/24 18:50	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51621-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-51621-9

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:41	12/03/24 02:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:41	12/03/24 02:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:41	12/03/24 02:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/24 14:41	12/03/24 02:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:41	12/03/24 02:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/24 14:41	12/03/24 02:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				12/02/24 14:41	12/03/24 02:20	1
1,4-Difluorobenzene (Surr)	106		70 - 130				12/02/24 14:41	12/03/24 02:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/03/24 02:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/03/24 19:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/02/24 16:25	12/03/24 19:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/24 16:25	12/03/24 19:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/24 16:25	12/03/24 19:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				12/02/24 16:25	12/03/24 19:02	1
o-Terphenyl	70		70 - 130				12/02/24 16:25	12/03/24 19:02	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			12/05/24 18:56	1

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

Lab Sample ID: 880-51621-10

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:41	12/03/24 02:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:41	12/03/24 02:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:41	12/03/24 02:40	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/24 14:41	12/03/24 02:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:41	12/03/24 02:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/24 14:41	12/03/24 02:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/02/24 14:41	12/03/24 02:40	1
1,4-Difluorobenzene (Surr)	108		70 - 130				12/02/24 14:41	12/03/24 02:40	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51621-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-51621-10

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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			12/03/24 02:40	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			12/03/24 19:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/02/24 16:25	12/03/24 19:49	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/24 16:25	12/03/24 19:49	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/24 16:25	12/03/24 19:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				12/02/24 16:25	12/03/24 19:49	1
o-Terphenyl	73		70 - 130				12/02/24 16:25	12/03/24 19:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	69.7		9.96		mg/Kg			12/05/24 19:13	1

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

Lab Sample ID: 880-51621-11

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:41	12/03/24 04:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:41	12/03/24 04:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:41	12/03/24 04:15	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/02/24 14:41	12/03/24 04:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:41	12/03/24 04:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/02/24 14:41	12/03/24 04:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				12/02/24 14:41	12/03/24 04:15	1
1,4-Difluorobenzene (Surr)	107		70 - 130				12/02/24 14:41	12/03/24 04:15	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			12/03/24 04:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			12/03/24 20:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/02/24 16:25	12/03/24 20:06	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		12/02/24 16:25	12/03/24 20:06	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51621-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-51621-11

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/02/24 16:25	12/03/24 20:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/02/24 16:25	12/03/24 20:06	1
o-Terphenyl	64	S1-	70 - 130				12/02/24 16:25	12/03/24 20:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.2		10.1		mg/Kg			12/05/24 19:19	1

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

Lab Sample ID: 880-51621-12

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:41	12/03/24 04:35	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/02/24 14:41	12/03/24 04:35	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/02/24 14:41	12/03/24 04:35	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/02/24 14:41	12/03/24 04:35	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/02/24 14:41	12/03/24 04:35	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/02/24 14:41	12/03/24 04:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				12/02/24 14:41	12/03/24 04:35	1
1,4-Difluorobenzene (Surr)	105		70 - 130				12/02/24 14:41	12/03/24 04:35	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			12/03/24 04:35	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			12/03/24 20:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/02/24 16:25	12/03/24 20:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/24 16:25	12/03/24 20:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/24 16:25	12/03/24 20:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/02/24 16:25	12/03/24 20:21	1
o-Terphenyl	72		70 - 130				12/02/24 16:25	12/03/24 20:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.5		10.0		mg/Kg			12/05/24 19:25	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51621-1
SDG: Eddy Co, NM

Client Sample ID: H-13 (0-0.5')

Lab Sample ID: 880-51621-13

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:41	12/03/24 04:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:41	12/03/24 04:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:41	12/03/24 04:55	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/02/24 14:41	12/03/24 04:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:41	12/03/24 04:55	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/02/24 14:41	12/03/24 04:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/02/24 14:41	12/03/24 04:55	1
1,4-Difluorobenzene (Surr)	109		70 - 130				12/02/24 14:41	12/03/24 04:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/03/24 04:55	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			12/03/24 20:37	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		12/02/24 16:25	12/03/24 20:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/24 16:25	12/03/24 20:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/24 16:25	12/03/24 20:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				12/02/24 16:25	12/03/24 20:37	1
o-Terphenyl	66	S1-	70 - 130				12/02/24 16:25	12/03/24 20:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.8		10.1		mg/Kg			12/05/24 19:31	1

Client Sample ID: H-14 (0-0.5')

Lab Sample ID: 880-51621-14

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:41	12/03/24 05:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:41	12/03/24 05:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:41	12/03/24 05:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/24 14:41	12/03/24 05:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/24 14:41	12/03/24 05:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/24 14:41	12/03/24 05:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/02/24 14:41	12/03/24 05:16	1
1,4-Difluorobenzene (Surr)	106		70 - 130				12/02/24 14:41	12/03/24 05:16	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51621-1
SDG: Eddy Co, NM

Client Sample ID: H-14 (0-0.5')

Lab Sample ID: 880-51621-14

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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			12/03/24 05:16	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			12/03/24 20:53	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	<50.0	U	50.0		mg/Kg		12/02/24 16:25	12/03/24 20:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/24 16:25	12/03/24 20:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/24 16:25	12/03/24 20:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/02/24 16:25	12/03/24 20:53	1
o-Terphenyl	66	S1-	70 - 130				12/02/24 16:25	12/03/24 20:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	78.7		10.1		mg/Kg			12/05/24 19:37	1

Client Sample ID: H-15 (0-0.5')

Lab Sample ID: 880-51621-15

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:41	12/03/24 05:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:41	12/03/24 05:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:41	12/03/24 05:37	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/02/24 14:41	12/03/24 05:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:41	12/03/24 05:37	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/02/24 14:41	12/03/24 05:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/02/24 14:41	12/03/24 05:37	1
1,4-Difluorobenzene (Surr)	108		70 - 130				12/02/24 14:41	12/03/24 05:37	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			12/03/24 05:37	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			12/03/24 21:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/02/24 16:25	12/03/24 21:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/24 16:25	12/03/24 21:09	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51621-1
SDG: Eddy Co, NM

Client Sample ID: H-15 (0-0.5')

Lab Sample ID: 880-51621-15

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 16:25	12/03/24 21:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/02/24 16:25	12/03/24 21:09	1
o-Terphenyl	65	S1-	70 - 130				12/02/24 16:25	12/03/24 21:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	82.2		10.1		mg/Kg			12/05/24 19:43	1

Client Sample ID: H-16 (0-0.5')

Lab Sample ID: 880-51621-16

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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		12/02/24 14:41	12/03/24 05:57	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/02/24 14:41	12/03/24 05:57	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/02/24 14:41	12/03/24 05:57	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/02/24 14:41	12/03/24 05:57	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/02/24 14:41	12/03/24 05:57	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/02/24 14:41	12/03/24 05:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				12/02/24 14:41	12/03/24 05:57	1
1,4-Difluorobenzene (Surr)	106		70 - 130				12/02/24 14:41	12/03/24 05:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/03/24 05:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/03/24 21:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/02/24 16:25	12/03/24 21:25	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/24 16:25	12/03/24 21:25	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/24 16:25	12/03/24 21:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/02/24 16:25	12/03/24 21:25	1
o-Terphenyl	68	S1-	70 - 130				12/02/24 16:25	12/03/24 21:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	107		9.94		mg/Kg			12/05/24 19:49	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51621-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-51621-1	H-1 (0-0.5')	111	108
880-51621-1 MS	H-1 (0-0.5')	105	102
880-51621-1 MSD	H-1 (0-0.5')	108	103
880-51621-2	H-2 (0-0.5')	114	108
880-51621-3	H-3 (0-0.5')	108	108
880-51621-4	H-4 (0-0.5')	110	105
880-51621-5	H-5 (0-0.5')	112	109
880-51621-6	H-6 (0-0.5')	112	107
880-51621-7	H-7 (0-0.5')	113	108
880-51621-8	H-8 (0-0.5')	110	107
880-51621-9	H-9 (0-0.5')	112	106
880-51621-10	H-10 (0-0.5')	110	108
880-51621-11	H-11 (0-0.5')	112	107
880-51621-12	H-12 (0-0.5')	111	105
880-51621-13	H-13 (0-0.5')	113	109
880-51621-14	H-14 (0-0.5')	107	106
880-51621-15	H-15 (0-0.5')	113	108
880-51621-16	H-16 (0-0.5')	108	106
LCS 880-96885/1-A	Lab Control Sample	107	103
LCSD 880-96885/2-A	Lab Control Sample Dup	109	103
MB 880-96837/5-A	Method Blank	107	101
MB 880-96885/5-A	Method Blank	106	100
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)
880-51621-1	H-1 (0-0.5')	96	85
880-51621-2	H-2 (0-0.5')	96	86
880-51621-3	H-3 (0-0.5')	91	81
880-51621-4	H-4 (0-0.5')	95	83
880-51621-5	H-5 (0-0.5')	94	83
880-51621-6	H-6 (0-0.5')	94	84
880-51621-7	H-7 (0-0.5')	99	89
880-51621-8	H-8 (0-0.5')	97	88
880-51621-9	H-9 (0-0.5')	89	70
880-51621-9 MS	H-9 (0-0.5')	91	78
880-51621-9 MSD	H-9 (0-0.5')	89	78
880-51621-10	H-10 (0-0.5')	95	73
880-51621-11	H-11 (0-0.5')	85	64 S1-
880-51621-12	H-12 (0-0.5')	92	72
880-51621-13	H-13 (0-0.5')	90	66 S1-
880-51621-14	H-14 (0-0.5')	88	66 S1-
880-51621-15	H-15 (0-0.5')	85	65 S1-

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Surrogate Summary

Client: Carmona Resources

Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51621-1

SDG: Eddy Co, NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-51621-16	H-16 (0-0.5')	91	68 S1-
890-7428-A-61-E MS	Matrix Spike	97	93
890-7428-A-61-F MSD	Matrix Spike Duplicate	96	91
LCS 880-96858/2-A	Lab Control Sample	119	122
LCS 880-96905/2-A	Lab Control Sample	109	97
LCSD 880-96858/3-A	Lab Control Sample Dup	109	108
LCSD 880-96905/3-A	Lab Control Sample Dup	112	100
MB 880-96858/1-A	Method Blank	151 S1+	143 S1+
MB 880-96905/1-A	Method Blank	133 S1+	105
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51621-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-96837/5-A

Matrix: Solid

Analysis Batch: 96842

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 96837

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/02/24 08:42	12/02/24 12:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/24 08:42	12/02/24 12:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/24 08:42	12/02/24 12:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/02/24 08:42	12/02/24 12:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/24 08:42	12/02/24 12:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/02/24 08:42	12/02/24 12:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	12/02/24 08:42	12/02/24 12:15	1
1,4-Difluorobenzene (Surr)	101		70 - 130	12/02/24 08:42	12/02/24 12:15	1

Lab Sample ID: MB 880-96885/5-A

Matrix: Solid

Analysis Batch: 96842

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 96885

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:41	12/02/24 23:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:41	12/02/24 23:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:41	12/02/24 23:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/02/24 14:41	12/02/24 23:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/24 14:41	12/02/24 23:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/02/24 14:41	12/02/24 23:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	12/02/24 14:41	12/02/24 23:14	1
1,4-Difluorobenzene (Surr)	100		70 - 130	12/02/24 14:41	12/02/24 23:14	1

Lab Sample ID: LCS 880-96885/1-A

Matrix: Solid

Analysis Batch: 96842

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 96885

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1119		mg/Kg		112	70 - 130
Toluene	0.100	0.1112		mg/Kg		111	70 - 130
Ethylbenzene	0.100	0.1095		mg/Kg		109	70 - 130
m-Xylene & p-Xylene	0.200	0.2198		mg/Kg		110	70 - 130
o-Xylene	0.100	0.1135		mg/Kg		113	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-96885/2-A

Matrix: Solid

Analysis Batch: 96842

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 96885

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1151		mg/Kg		115	70 - 130	3	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51621-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-96885/2-A

Matrix: Solid

Analysis Batch: 96842

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 96885

Analyte	Spike		LCSD	LCSD	Unit	D	%Rec	%Rec		RPD	
	Added	Result	Qualifier	Limit				Limits	RPD	Limit	Limit
Toluene	0.100	0.1130			mg/Kg		113	70 - 130	2		35
Ethylbenzene	0.100	0.1109			mg/Kg		111	70 - 130	1		35
m-Xylene & p-Xylene	0.200	0.2247			mg/Kg		112	70 - 130	2		35
o-Xylene	0.100	0.1154			mg/Kg		115	70 - 130	2		35
LCSD		LCSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	109		70 - 130								
1,4-Difluorobenzene (Surr)	103		70 - 130								

Lab Sample ID: 880-51621-1 MS

Matrix: Solid

Analysis Batch: 96842

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

Prep Type: Total/NA

Prep Batch: 96885

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	<0.00199	U	0.100	0.1113		mg/Kg		111	70 - 130		
Toluene	<0.00199	U	0.100	0.1096		mg/Kg		109	70 - 130		
Ethylbenzene	<0.00199	U	0.100	0.1079		mg/Kg		108	70 - 130		
m-Xylene & p-Xylene	<0.00398	U	0.200	0.2172		mg/Kg		108	70 - 130		
o-Xylene	<0.00199	U	0.100	0.1112		mg/Kg		111	70 - 130		
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	105		70 - 130								
1,4-Difluorobenzene (Surr)	102		70 - 130								

Lab Sample ID: 880-51621-1 MSD

Matrix: Solid

Analysis Batch: 96842

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

Prep Type: Total/NA

Prep Batch: 96885

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		Limit
Benzene	<0.00199	U	0.0994	0.1126		mg/Kg		113	70 - 130	1	35
Toluene	<0.00199	U	0.0994	0.1115		mg/Kg		112	70 - 130	2	35
Ethylbenzene	<0.00199	U	0.0994	0.1097		mg/Kg		110	70 - 130	2	35
m-Xylene & p-Xylene	<0.00398	U	0.199	0.2217		mg/Kg		112	70 - 130	2	35
o-Xylene	<0.00199	U	0.0994	0.1130		mg/Kg		114	70 - 130	2	35
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	108		70 - 130								
1,4-Difluorobenzene (Surr)	103		70 - 130								

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

Lab Sample ID: MB 880-96858/1-A

Matrix: Solid

Analysis Batch: 96959

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 96858

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/02/24 09:23	12/03/24 07:21	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51621-1
SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-96858/1-A

Matrix: Solid

Analysis Batch: 96959

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 96858

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		12/02/24 09:23	12/03/24 07:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/24 09:23	12/03/24 07:21	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	151	S1+	70 - 130				12/02/24 09:23	12/03/24 07:21	1
o-Terphenyl	143	S1+	70 - 130				12/02/24 09:23	12/03/24 07:21	1

Lab Sample ID: LCS 880-96858/2-A

Matrix: Solid

Analysis Batch: 96959

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 96858

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1154		mg/Kg		115	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1118		mg/Kg		112	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	119		70 - 130				
o-Terphenyl	122		70 - 130				

Lab Sample ID: LCSD 880-96858/3-A

Matrix: Solid

Analysis Batch: 96959

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 96858

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1105		mg/Kg		110	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	1010		mg/Kg		101	70 - 130	10	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	109		70 - 130						
o-Terphenyl	108		70 - 130						

Lab Sample ID: 890-7428-A-61-E MS

Matrix: Solid

Analysis Batch: 96959

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 96858

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	996	899.4		mg/Kg		90	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	996	825.4		mg/Kg		83	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	97		70 - 130						
o-Terphenyl	93		70 - 130						

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51621-1
SDG: Eddy Co, NM

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

Lab Sample ID: 890-7428-A-61-F MSD

Matrix: Solid

Analysis Batch: 96959

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 96858

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	996	878.1		mg/Kg		88	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	851.0		mg/Kg		85	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	96		70 - 130								
o-Terphenyl	91		70 - 130								

Lab Sample ID: MB 880-96905/1-A

Matrix: Solid

Analysis Batch: 96956

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 96905

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		12/02/24 16:25	12/03/24 18:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/24 16:25	12/03/24 18:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/24 16:25	12/03/24 18:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130				12/02/24 16:25	12/03/24 18:12	1
o-Terphenyl	105		70 - 130				12/02/24 16:25	12/03/24 18:12	1

Lab Sample ID: LCS 880-96905/2-A

Matrix: Solid

Analysis Batch: 96956

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 96905

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	1154		mg/Kg		115	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	908.0		mg/Kg		91	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	109		70 - 130						
o-Terphenyl	97		70 - 130						

Lab Sample ID: LCSD 880-96905/3-A

Matrix: Solid

Analysis Batch: 96956

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 96905

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1154		mg/Kg		115	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	946.4		mg/Kg		95	70 - 130	4	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51621-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-96905/3-A

Matrix: Solid

Analysis Batch: 96956

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 96905

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	112		70 - 130
o-Terphenyl	100		70 - 130

Lab Sample ID: 880-51621-9 MS

Matrix: Solid

Analysis Batch: 96956

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

Prep Type: Total/NA

Prep Batch: 96905

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	995	852.8		mg/Kg		86	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	995	717.8		mg/Kg		72	70 - 130	
Surrogate	%Recovery	Qualifier	Limits	MS	MS					
1-Chlorooctane	91		70 - 130							
o-Terphenyl	78		70 - 130							

Lab Sample ID: 880-51621-9 MSD

Matrix: Solid

Analysis Batch: 96956

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

Prep Type: Total/NA

Prep Batch: 96905

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	995	889.0		mg/Kg		89	70 - 130	4	20	
Diesel Range Organics (Over C10-C28)	<49.9	U	995	720.2		mg/Kg		72	70 - 130	0	20	
Surrogate	%Recovery	Qualifier	Limits	MSD	MSD							
1-Chlorooctane	89		70 - 130									
o-Terphenyl	78		70 - 130									

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-96903/1-A

Matrix: Solid

Analysis Batch: 96981

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	<10.0	U	10.0		mg/Kg			12/05/24 16:58	1	

Lab Sample ID: LCS 880-96903/2-A

Matrix: Solid

Analysis Batch: 96981

Client Sample ID: Lab Control Sample

Prep Type: Soluble

	Spike	LCS	LCS					%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	250	250.7		mg/Kg		100	90 - 110		

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51621-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-96903/3-A				Client Sample ID: Lab Control Sample Dup							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 96981											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	267.2		mg/Kg		107	90 - 110	6	20

Lab Sample ID: 880-51621-7 MS				Client Sample ID: H-7 (0-0.5')							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 96981											
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	87.7	F1	250	371.4	F1	mg/Kg		114	90 - 110		

Lab Sample ID: 880-51621-7 MSD				Client Sample ID: H-7 (0-0.5')							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 96981											
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	87.7	F1	250	372.3	F1	mg/Kg		114	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51621-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 96837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-96837/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 96842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51621-1	H-1 (0-0.5')	Total/NA	Solid	8021B	96885
880-51621-2	H-2 (0-0.5')	Total/NA	Solid	8021B	96885
880-51621-3	H-3 (0-0.5')	Total/NA	Solid	8021B	96885
880-51621-4	H-4 (0-0.5')	Total/NA	Solid	8021B	96885
880-51621-5	H-5 (0-0.5')	Total/NA	Solid	8021B	96885
880-51621-6	H-6 (0-0.5')	Total/NA	Solid	8021B	96885
880-51621-7	H-7 (0-0.5')	Total/NA	Solid	8021B	96885
880-51621-8	H-8 (0-0.5')	Total/NA	Solid	8021B	96885
880-51621-9	H-9 (0-0.5')	Total/NA	Solid	8021B	96885
880-51621-10	H-10 (0-0.5')	Total/NA	Solid	8021B	96885
880-51621-11	H-11 (0-0.5')	Total/NA	Solid	8021B	96885
880-51621-12	H-12 (0-0.5')	Total/NA	Solid	8021B	96885
880-51621-13	H-13 (0-0.5')	Total/NA	Solid	8021B	96885
880-51621-14	H-14 (0-0.5')	Total/NA	Solid	8021B	96885
880-51621-15	H-15 (0-0.5')	Total/NA	Solid	8021B	96885
880-51621-16	H-16 (0-0.5')	Total/NA	Solid	8021B	96885
MB 880-96837/5-A	Method Blank	Total/NA	Solid	8021B	96837
MB 880-96885/5-A	Method Blank	Total/NA	Solid	8021B	96885
LCS 880-96885/1-A	Lab Control Sample	Total/NA	Solid	8021B	96885
LCSD 880-96885/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	96885
880-51621-1 MS	H-1 (0-0.5')	Total/NA	Solid	8021B	96885
880-51621-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8021B	96885

Prep Batch: 96885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51621-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-51621-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-51621-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-51621-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-51621-5	H-5 (0-0.5')	Total/NA	Solid	5035	
880-51621-6	H-6 (0-0.5')	Total/NA	Solid	5035	
880-51621-7	H-7 (0-0.5')	Total/NA	Solid	5035	
880-51621-8	H-8 (0-0.5')	Total/NA	Solid	5035	
880-51621-9	H-9 (0-0.5')	Total/NA	Solid	5035	
880-51621-10	H-10 (0-0.5')	Total/NA	Solid	5035	
880-51621-11	H-11 (0-0.5')	Total/NA	Solid	5035	
880-51621-12	H-12 (0-0.5')	Total/NA	Solid	5035	
880-51621-13	H-13 (0-0.5')	Total/NA	Solid	5035	
880-51621-14	H-14 (0-0.5')	Total/NA	Solid	5035	
880-51621-15	H-15 (0-0.5')	Total/NA	Solid	5035	
880-51621-16	H-16 (0-0.5')	Total/NA	Solid	5035	
MB 880-96885/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-96885/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-96885/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-51621-1 MS	H-1 (0-0.5')	Total/NA	Solid	5035	
880-51621-1 MSD	H-1 (0-0.5')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51621-1
SDG: Eddy Co, NM

GC VOA

Analysis Batch: 96982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51621-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-51621-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-51621-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-51621-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-51621-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-51621-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	
880-51621-7	H-7 (0-0.5')	Total/NA	Solid	Total BTEX	
880-51621-8	H-8 (0-0.5')	Total/NA	Solid	Total BTEX	
880-51621-9	H-9 (0-0.5')	Total/NA	Solid	Total BTEX	
880-51621-10	H-10 (0-0.5')	Total/NA	Solid	Total BTEX	
880-51621-11	H-11 (0-0.5')	Total/NA	Solid	Total BTEX	
880-51621-12	H-12 (0-0.5')	Total/NA	Solid	Total BTEX	
880-51621-13	H-13 (0-0.5')	Total/NA	Solid	Total BTEX	
880-51621-14	H-14 (0-0.5')	Total/NA	Solid	Total BTEX	
880-51621-15	H-15 (0-0.5')	Total/NA	Solid	Total BTEX	
880-51621-16	H-16 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 96858

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51621-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-51621-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-51621-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-51621-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-51621-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-51621-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-51621-7	H-7 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-51621-8	H-8 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-96858/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-96858/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-96858/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7428-A-61-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7428-A-61-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 96905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51621-9	H-9 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-51621-10	H-10 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-51621-11	H-11 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-51621-12	H-12 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-51621-13	H-13 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-51621-14	H-14 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-51621-15	H-15 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-51621-16	H-16 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-96905/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-96905/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-96905/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-51621-9 MS	H-9 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-51621-9 MSD	H-9 (0-0.5')	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51621-1
SDG: Eddy Co, NM

GC Semi VOA

Analysis Batch: 96956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51621-9	H-9 (0-0.5')	Total/NA	Solid	8015B NM	96905
880-51621-10	H-10 (0-0.5')	Total/NA	Solid	8015B NM	96905
880-51621-11	H-11 (0-0.5')	Total/NA	Solid	8015B NM	96905
880-51621-12	H-12 (0-0.5')	Total/NA	Solid	8015B NM	96905
880-51621-13	H-13 (0-0.5')	Total/NA	Solid	8015B NM	96905
880-51621-14	H-14 (0-0.5')	Total/NA	Solid	8015B NM	96905
880-51621-15	H-15 (0-0.5')	Total/NA	Solid	8015B NM	96905
880-51621-16	H-16 (0-0.5')	Total/NA	Solid	8015B NM	96905
MB 880-96905/1-A	Method Blank	Total/NA	Solid	8015B NM	96905
LCS 880-96905/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	96905
LCSD 880-96905/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	96905
880-51621-9 MS	H-9 (0-0.5')	Total/NA	Solid	8015B NM	96905
880-51621-9 MSD	H-9 (0-0.5')	Total/NA	Solid	8015B NM	96905

Analysis Batch: 96959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51621-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	96858
880-51621-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	96858
880-51621-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	96858
880-51621-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	96858
880-51621-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	96858
880-51621-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	96858
880-51621-7	H-7 (0-0.5')	Total/NA	Solid	8015B NM	96858
880-51621-8	H-8 (0-0.5')	Total/NA	Solid	8015B NM	96858
MB 880-96858/1-A	Method Blank	Total/NA	Solid	8015B NM	96858
LCS 880-96858/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	96858
LCSD 880-96858/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	96858
890-7428-A-61-E MS	Matrix Spike	Total/NA	Solid	8015B NM	96858
890-7428-A-61-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	96858

Analysis Batch: 97063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51621-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-51621-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-51621-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-51621-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-51621-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-51621-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	
880-51621-7	H-7 (0-0.5')	Total/NA	Solid	8015 NM	
880-51621-8	H-8 (0-0.5')	Total/NA	Solid	8015 NM	
880-51621-9	H-9 (0-0.5')	Total/NA	Solid	8015 NM	
880-51621-10	H-10 (0-0.5')	Total/NA	Solid	8015 NM	
880-51621-11	H-11 (0-0.5')	Total/NA	Solid	8015 NM	
880-51621-12	H-12 (0-0.5')	Total/NA	Solid	8015 NM	
880-51621-13	H-13 (0-0.5')	Total/NA	Solid	8015 NM	
880-51621-14	H-14 (0-0.5')	Total/NA	Solid	8015 NM	
880-51621-15	H-15 (0-0.5')	Total/NA	Solid	8015 NM	
880-51621-16	H-16 (0-0.5')	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51621-1
SDG: Eddy Co, NM

HPLC/IC

Leach Batch: 96903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51621-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-51621-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-51621-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-51621-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-51621-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-51621-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	
880-51621-7	H-7 (0-0.5')	Soluble	Solid	DI Leach	
880-51621-8	H-8 (0-0.5')	Soluble	Solid	DI Leach	
880-51621-9	H-9 (0-0.5')	Soluble	Solid	DI Leach	
880-51621-10	H-10 (0-0.5')	Soluble	Solid	DI Leach	
880-51621-11	H-11 (0-0.5')	Soluble	Solid	DI Leach	
880-51621-12	H-12 (0-0.5')	Soluble	Solid	DI Leach	
880-51621-13	H-13 (0-0.5')	Soluble	Solid	DI Leach	
880-51621-14	H-14 (0-0.5')	Soluble	Solid	DI Leach	
880-51621-15	H-15 (0-0.5')	Soluble	Solid	DI Leach	
880-51621-16	H-16 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-96903/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-96903/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-96903/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-51621-7 MS	H-7 (0-0.5')	Soluble	Solid	DI Leach	
880-51621-7 MSD	H-7 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 96981

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51621-1	H-1 (0-0.5')	Soluble	Solid	300.0	96903
880-51621-2	H-2 (0-0.5')	Soluble	Solid	300.0	96903
880-51621-3	H-3 (0-0.5')	Soluble	Solid	300.0	96903
880-51621-4	H-4 (0-0.5')	Soluble	Solid	300.0	96903
880-51621-5	H-5 (0-0.5')	Soluble	Solid	300.0	96903
880-51621-6	H-6 (0-0.5')	Soluble	Solid	300.0	96903
880-51621-7	H-7 (0-0.5')	Soluble	Solid	300.0	96903
880-51621-8	H-8 (0-0.5')	Soluble	Solid	300.0	96903
880-51621-9	H-9 (0-0.5')	Soluble	Solid	300.0	96903
880-51621-10	H-10 (0-0.5')	Soluble	Solid	300.0	96903
880-51621-11	H-11 (0-0.5')	Soluble	Solid	300.0	96903
880-51621-12	H-12 (0-0.5')	Soluble	Solid	300.0	96903
880-51621-13	H-13 (0-0.5')	Soluble	Solid	300.0	96903
880-51621-14	H-14 (0-0.5')	Soluble	Solid	300.0	96903
880-51621-15	H-15 (0-0.5')	Soluble	Solid	300.0	96903
880-51621-16	H-16 (0-0.5')	Soluble	Solid	300.0	96903
MB 880-96903/1-A	Method Blank	Soluble	Solid	300.0	96903
LCS 880-96903/2-A	Lab Control Sample	Soluble	Solid	300.0	96903
LCSD 880-96903/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	96903
880-51621-7 MS	H-7 (0-0.5')	Soluble	Solid	300.0	96903
880-51621-7 MSD	H-7 (0-0.5')	Soluble	Solid	300.0	96903

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51621-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-51621-1

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96885	12/02/24 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96842	12/02/24 23:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96982	12/02/24 23:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			97063	12/03/24 14:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	96858	12/02/24 09:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96959	12/03/24 14:59	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	96903	12/02/24 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96981	12/05/24 17:45	CH	EET MID

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

Lab Sample ID: 880-51621-2

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96885	12/02/24 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96842	12/02/24 23:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96982	12/02/24 23:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			97063	12/03/24 15:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	96858	12/02/24 09:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96959	12/03/24 15:14	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	96903	12/02/24 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96981	12/05/24 18:03	CH	EET MID

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

Lab Sample ID: 880-51621-3

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	96885	12/02/24 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96842	12/03/24 00:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96982	12/03/24 00:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			97063	12/03/24 15:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	96858	12/02/24 09:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96959	12/03/24 15:32	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	96903	12/02/24 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96981	12/05/24 18:09	CH	EET MID

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

Lab Sample ID: 880-51621-4

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96885	12/02/24 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96842	12/03/24 00:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96982	12/03/24 00:37	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51621-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-51621-4

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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			97063	12/03/24 15:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	96858	12/02/24 09:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96959	12/03/24 15:48	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	96903	12/02/24 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96981	12/05/24 18:14	CH	EET MID

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

Lab Sample ID: 880-51621-5

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96885	12/02/24 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96842	12/03/24 00:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96982	12/03/24 00:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			97063	12/03/24 16:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	96858	12/02/24 09:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96959	12/03/24 16:05	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	96903	12/02/24 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96981	12/05/24 18:20	CH	EET MID

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

Lab Sample ID: 880-51621-6

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96885	12/02/24 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96842	12/03/24 01:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96982	12/03/24 01:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			97063	12/03/24 16:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	96858	12/02/24 09:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96959	12/03/24 16:20	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	96903	12/02/24 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96981	12/05/24 18:26	CH	EET MID

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

Lab Sample ID: 880-51621-7

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96885	12/02/24 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96842	12/03/24 01:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96982	12/03/24 01:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			97063	12/03/24 16:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	96858	12/02/24 09:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96959	12/03/24 16:37	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51621-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-51621-7

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	96903	12/02/24 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96981	12/05/24 18:32	CH	EET MID

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

Lab Sample ID: 880-51621-8

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	96885	12/02/24 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96842	12/03/24 01:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96982	12/03/24 01:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			97063	12/03/24 16:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	96858	12/02/24 09:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96959	12/03/24 16:52	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	96903	12/02/24 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96981	12/05/24 18:50	CH	EET MID

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

Lab Sample ID: 880-51621-9

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96885	12/02/24 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96842	12/03/24 02:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96982	12/03/24 02:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			97063	12/03/24 19:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	96905	12/02/24 16:25	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96956	12/03/24 19:02	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	96903	12/02/24 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96981	12/05/24 18:56	CH	EET MID

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

Lab Sample ID: 880-51621-10

Date Collected: 11/27/24 00:00

Matrix: Solid

Date Received: 12/02/24 12:44

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	96885	12/02/24 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96842	12/03/24 02:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96982	12/03/24 02:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			97063	12/03/24 19:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	96905	12/02/24 16:25	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96956	12/03/24 19:49	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	96903	12/02/24 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96981	12/05/24 19:13	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51621-1
SDG: Eddy Co, NM

Client Sample ID: H-11 (0-0.5')**Lab Sample ID: 880-51621-11****Date Collected: 11/27/24 00:00****Matrix: Solid****Date Received: 12/02/24 12:44**

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	96885	12/02/24 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96842	12/03/24 04:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96982	12/03/24 04:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			97063	12/03/24 20:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	96905	12/02/24 16:25	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96956	12/03/24 20:06	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	96903	12/02/24 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96981	12/05/24 19:19	CH	EET MID

Client Sample ID: H-12 (0-0.5')**Lab Sample ID: 880-51621-12****Date Collected: 11/27/24 00:00****Matrix: Solid****Date Received: 12/02/24 12:44**

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	96885	12/02/24 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96842	12/03/24 04:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96982	12/03/24 04:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			97063	12/03/24 20:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	96905	12/02/24 16:25	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96956	12/03/24 20:21	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	96903	12/02/24 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96981	12/05/24 19:25	CH	EET MID

Client Sample ID: H-13 (0-0.5')**Lab Sample ID: 880-51621-13****Date Collected: 11/27/24 00:00****Matrix: Solid****Date Received: 12/02/24 12:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	96885	12/02/24 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96842	12/03/24 04:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96982	12/03/24 04:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			97063	12/03/24 20:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	96905	12/02/24 16:25	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96956	12/03/24 20:37	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	96903	12/02/24 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96981	12/05/24 19:31	CH	EET MID

Client Sample ID: H-14 (0-0.5')**Lab Sample ID: 880-51621-14****Date Collected: 11/27/24 00:00****Matrix: Solid****Date Received: 12/02/24 12:44**

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	96885	12/02/24 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96842	12/03/24 05:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96982	12/03/24 05:16	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51621-1
SDG: Eddy Co, NM

Client Sample ID: H-14 (0-0.5')

Date Collected: 11/27/24 00:00

Date Received: 12/02/24 12:44

Lab Sample ID: 880-51621-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			97063	12/03/24 20:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	96905	12/02/24 16:25	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96956	12/03/24 20:53	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	96903	12/02/24 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96981	12/05/24 19:37	CH	EET MID

Client Sample ID: H-15 (0-0.5')

Date Collected: 11/27/24 00:00

Date Received: 12/02/24 12:44

Lab Sample ID: 880-51621-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	96885	12/02/24 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96842	12/03/24 05:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96982	12/03/24 05:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			97063	12/03/24 21:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	96905	12/02/24 16:25	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96956	12/03/24 21:09	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	96903	12/02/24 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96981	12/05/24 19:43	CH	EET MID

Client Sample ID: H-16 (0-0.5')

Date Collected: 11/27/24 00:00

Date Received: 12/02/24 12:44

Lab Sample ID: 880-51621-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	96885	12/02/24 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96842	12/03/24 05:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96982	12/03/24 05:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			97063	12/03/24 21:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	96905	12/02/24 16:25	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96956	12/03/24 21:25	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	96903	12/02/24 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96981	12/05/24 19:49	CH	EET MID

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51621-1
SDG: Eddy Co, NM

Laboratory: Eurofins Midland

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

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

Method Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51621-1
SDG: Eddy Co, NM

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

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-51621-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-51621-1	H-1 (0-0.5')	Solid	11/27/24 00:00	12/02/24 12:44
880-51621-2	H-2 (0-0.5')	Solid	11/27/24 00:00	12/02/24 12:44
880-51621-3	H-3 (0-0.5')	Solid	11/27/24 00:00	12/02/24 12:44
880-51621-4	H-4 (0-0.5')	Solid	11/27/24 00:00	12/02/24 12:44
880-51621-5	H-5 (0-0.5')	Solid	11/27/24 00:00	12/02/24 12:44
880-51621-6	H-6 (0-0.5')	Solid	11/27/24 00:00	12/02/24 12:44
880-51621-7	H-7 (0-0.5')	Solid	11/27/24 00:00	12/02/24 12:44
880-51621-8	H-8 (0-0.5')	Solid	11/27/24 00:00	12/02/24 12:44
880-51621-9	H-9 (0-0.5')	Solid	11/27/24 00:00	12/02/24 12:44
880-51621-10	H-10 (0-0.5')	Solid	11/27/24 00:00	12/02/24 12:44
880-51621-11	H-11 (0-0.5')	Solid	11/27/24 00:00	12/02/24 12:44
880-51621-12	H-12 (0-0.5')	Solid	11/27/24 00:00	12/02/24 12:44
880-51621-13	H-13 (0-0.5')	Solid	11/27/24 00:00	12/02/24 12:44
880-51621-14	H-14 (0-0.5')	Solid	11/27/24 00:00	12/02/24 12:44
880-51621-15	H-15 (0-0.5')	Solid	11/27/24 00:00	12/02/24 12:44
880-51621-16	H-16 (0-0.5')	Solid	11/27/24 00:00	12/02/24 12:44

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Chain of Custody



880-51621 Chain of Custody

Page 1 of 2

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

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

Project Name:		Greenwood PGU #4 Battery		Turn Around		Pres. Code		ANALYSIS REQUEST																Preservative Codes							
Project Number:		2565		☒ Routine ☐ Rush		Pres. Code																		None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		Normal																		Cool: Cool MeOH: Me							
Sampler's Name:		JM/JDC		TAT starts the day received by the lab, if received by 4:30pm																		HCL: HC HNO ₃ : HN									
PO #:																						H ₂ SO ₄ : H ₂ NaOH: Na									
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No																		H ₃ PO ₄ : HP					
Received Intact:		Yes No		Thermometer ID:		128																		NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:		0.1																		Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:		-25																		Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:		-2.6																		NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont																		Sample Comments	
H-1 (0-0.5')		11/27/2024				X				G		1		X X X																	
H-2 (0-0.5')		11/27/2024				X				G		1		X X X																	
H-3 (0-0.5')		11/27/2024				X				G		1		X X X																	
H-4 (0-0.5')		11/27/2024				X				G		1		X X X																	
H-5 (0-0.5')		11/27/2024				X				G		1		X X X																	
H-6 (0-0.5')		11/27/2024				X				G		1		X X X																	
H-7 (0-0.5')		11/27/2024				X				G		1		X X X																	
H-8 (0-0.5')		11/27/2024				X				G		1		X X X																	
H-9 (0-0.5')		11/27/2024				X				G		1		X X X																	
H-10 (0-0.5')		11/27/2024				X				G		1		X X X																	

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		12/2/24			
3		1244			
5					

Revised Date 05012020 Rev. 2020.1

Work Order No: _____

Work Order Comments

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

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 			2		
3		4			
5		6			

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-51621-1

SDG Number: Eddy Co, NM

Login Number: 51621

List Source: Eurofins Midland

List Number: 1

Creator: Vasquez, Julisa

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 1/21/2025 12:39:45 PM

JOB DESCRIPTION

Greenwood PGU #4 Battery
Eddy Co,NM

JOB NUMBER

880-53344-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization



Generated
1/21/2025 12:39:45 PM

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

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Laboratory Job ID: 880-53344-1
SDG: Eddy Co,NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	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: Greenwood PGU #4 Battery

Job ID: 880-53344-1

Job ID: 880-53344-1

Eurofins Midland

Job Narrative
880-53344-1

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

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

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

Receipt

The samples were received on 1/17/2025 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 -1.8°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1 (6.0') (880-53344-1), CS-2 (6.0') (880-53344-2), CS-3 (6.0') (880-53344-3), CS-4 (6.0') (880-53344-4), CS-5 (6.0') (880-53344-5), CS-6 (6.0') (880-53344-6), CS-7 (6.0') (880-53344-7), CS-8 (6.0') (880-53344-8), CS-9 (4.5') (880-53344-9), CS-10 (4.5') (880-53344-10), CS-11 (4.5') (880-53344-11), CS-12 (4.5') (880-53344-12), CS-13 (4.5') (880-53344-13), CS-14 (4.5') (880-53344-14), CS-15 (4.5') (880-53344-15), CS-16 (4.5') (880-53344-16), CS-17 (4.5') (880-53344-17), CS-18 (4.5') (880-53344-18), CS-19 (4.5') (880-53344-19), CS-20 (4.5') (880-53344-20), CS-21 (4.5') (880-53344-21), CS-22 (4.5') (880-53344-22), CS-23 (3.5') (880-53344-23), CS-24 (3.5') (880-53344-24), CS-25 (3.5') (880-53344-25), SW-1 (6.0') (880-53344-26), SW-2 (4.5") (880-53344-27), SW-3 (6.0') (880-53344-28), SW-4 (4.5") (880-53344-29), SW-5 (4.5') (880-53344-30), SW-6 (4.5') (880-53344-31), SW-7 (4.5') (880-53344-32), SW-8 (3.5') (880-53344-33), SW-9 (3.5') (880-53344-34), SW-10 (3.5') (880-53344-35), SW-11 (3.5') (880-53344-36), SW-12 (4.5-6.0') (880-53344-37), SW-13 (4.5') (880-53344-38), SW-14 (6.0') (880-53344-39) and SW-15 (4.5') (880-53344-40).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-100505 and analytical batch 880-100490 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SW-8 (3.5') (880-53344-33). 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: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: CS-3 (6.0') (880-53344-3) and (880-53344-A-1-C MSD). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-100496 and analytical batch 880-100509 was outside the upper control limits.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-100496 and analytical batch 880-100509 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 samples were outside control limits: CS-2 (6.0') (880-53344-2), CS-4 (6.0') (880-53344-4), CS-8 (6.0') (880-53344-8), CS-10 (4.5') (880-53344-10), CS-11 (4.5') (880-53344-11), CS-12 (4.5') (880-53344-12), CS-13 (4.5') (880-53344-13), CS-17 (4.5') (880-53344-17), CS-18 (4.5') (880-53344-18), CS-19 (4.5') (880-53344-19), CS-20 (4.5') (880-53344-20) and (880-53344-A-1-B MS). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: CS-7 (6.0') (880-53344-7). Evidence of matrix interferences is not obvious.

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: Greenwood PGU #4 Battery

Job ID: 880-53344-1

Job ID: 880-53344-1 (Continued) Eurofins Midland

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 880-100507 and analytical batch 880-100550 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.

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: CS-1 (6.0')

Lab Sample ID: 880-53344-1

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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		01/17/25 09:28	01/17/25 11:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/17/25 09:28	01/17/25 11:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/17/25 09:28	01/17/25 11:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/17/25 09:28	01/17/25 11:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/17/25 09:28	01/17/25 11:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/17/25 09:28	01/17/25 11:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	01/17/25 09:28	01/17/25 11:33	1
1,4-Difluorobenzene (Surr)	96		70 - 130	01/17/25 09:28	01/17/25 11:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/17/25 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	<50.0	U	50.0		mg/Kg			01/17/25 18:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		01/17/25 09:20	01/17/25 18:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		01/17/25 09:20	01/17/25 18:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/17/25 09:20	01/17/25 18:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	01/17/25 09:20	01/17/25 18:33	1
o-Terphenyl	75		70 - 130	01/17/25 09:20	01/17/25 18:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	136	F1	9.96		mg/Kg			01/17/25 17:55	1

Client Sample ID: CS-2 (6.0')

Lab Sample ID: 880-53344-2

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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		01/17/25 09:28	01/17/25 11:53	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/17/25 09:28	01/17/25 11:53	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/17/25 09:28	01/17/25 11:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/17/25 09:28	01/17/25 11:53	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/17/25 09:28	01/17/25 11:53	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/17/25 09:28	01/17/25 11:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	01/17/25 09:28	01/17/25 11:53	1
1,4-Difluorobenzene (Surr)	84		70 - 130	01/17/25 09:28	01/17/25 11:53	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: CS-2 (6.0')

Lab Sample ID: 880-53344-2

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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			01/17/25 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	<49.8	U	49.8		mg/Kg			01/17/25 19:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/17/25 09:20	01/17/25 19:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/17/25 09:20	01/17/25 19:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/17/25 09:20	01/17/25 19:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				01/17/25 09:20	01/17/25 19:20	1
o-Terphenyl	66	S1-	70 - 130				01/17/25 09:20	01/17/25 19:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	149		10.1		mg/Kg			01/17/25 18:13	1

Client Sample ID: CS-3 (6.0')

Lab Sample ID: 880-53344-3

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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		01/17/25 09:28	01/17/25 12:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:28	01/17/25 12:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:28	01/17/25 12:14	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/17/25 09:28	01/17/25 12:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:28	01/17/25 12:14	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/17/25 09:28	01/17/25 12:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				01/17/25 09:28	01/17/25 12:14	1
1,4-Difluorobenzene (Surr)	91		70 - 130				01/17/25 09:28	01/17/25 12:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/17/25 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			01/17/25 19:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/17/25 09:20	01/17/25 19:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/17/25 09:20	01/17/25 19:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: CS-3 (6.0')

Lab Sample ID: 880-53344-3

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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)	<50.0	U	50.0		mg/Kg		01/17/25 09:20	01/17/25 19:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130				01/17/25 09:20	01/17/25 19:36	1
o-Terphenyl	68	S1-	70 - 130				01/17/25 09:20	01/17/25 19:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	268		10.1		mg/Kg			01/17/25 18:19	1

Client Sample ID: CS-4 (6.0')

Lab Sample ID: 880-53344-4

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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		01/17/25 09:28	01/17/25 12:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:28	01/17/25 12:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:28	01/17/25 12:34	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/17/25 09:28	01/17/25 12:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:28	01/17/25 12:34	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/17/25 09:28	01/17/25 12:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				01/17/25 09:28	01/17/25 12:34	1
1,4-Difluorobenzene (Surr)	92		70 - 130				01/17/25 09:28	01/17/25 12:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/17/25 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	<50.0	U	50.0		mg/Kg			01/17/25 19:51	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		01/17/25 09:20	01/17/25 19:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/17/25 09:20	01/17/25 19:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/17/25 09:20	01/17/25 19:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				01/17/25 09:20	01/17/25 19:51	1
o-Terphenyl	68	S1-	70 - 130				01/17/25 09:20	01/17/25 19:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	131		9.96		mg/Kg			01/17/25 18:25	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: CS-5 (6.0')

Lab Sample ID: 880-53344-5

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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		01/17/25 09:28	01/17/25 12:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/17/25 09:28	01/17/25 12:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/17/25 09:28	01/17/25 12:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/17/25 09:28	01/17/25 12:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/17/25 09:28	01/17/25 12:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/17/25 09:28	01/17/25 12:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	01/17/25 09:28	01/17/25 12:55	1
1,4-Difluorobenzene (Surr)	91		70 - 130	01/17/25 09:28	01/17/25 12:55	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			01/17/25 12:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	57.1		49.8		mg/Kg			01/17/25 20:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/17/25 09:20	01/17/25 20:08	1
Diesel Range Organics (Over C10-C28)	57.1		49.8		mg/Kg		01/17/25 09:20	01/17/25 20:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/17/25 09:20	01/17/25 20:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130	01/17/25 09:20	01/17/25 20:08	1
o-Terphenyl	74		70 - 130	01/17/25 09:20	01/17/25 20:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	204		9.98		mg/Kg			01/17/25 18:31	1

Client Sample ID: CS-6 (6.0')

Lab Sample ID: 880-53344-6

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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		01/17/25 09:28	01/17/25 13:15	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/17/25 09:28	01/17/25 13:15	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/17/25 09:28	01/17/25 13:15	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		01/17/25 09:28	01/17/25 13:15	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/17/25 09:28	01/17/25 13:15	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/17/25 09:28	01/17/25 13:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	01/17/25 09:28	01/17/25 13:15	1
1,4-Difluorobenzene (Surr)	96		70 - 130	01/17/25 09:28	01/17/25 13:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: CS-6 (6.0')

Lab Sample ID: 880-53344-6

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 08:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			01/17/25 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	227		49.9		mg/Kg			01/17/25 20:23	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		01/17/25 09:20	01/17/25 20:23	1
Diesel Range Organics (Over C10-C28)	227		49.9		mg/Kg		01/17/25 09:20	01/17/25 20:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/17/25 09:20	01/17/25 20:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				01/17/25 09:20	01/17/25 20:23	1
o-Terphenyl	74		70 - 130				01/17/25 09:20	01/17/25 20:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	774		10.0		mg/Kg			01/17/25 18:49	1

Client Sample ID: CS-7 (6.0')

Lab Sample ID: 880-53344-7

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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		01/17/25 09:28	01/17/25 13:36	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/17/25 09:28	01/17/25 13:36	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/17/25 09:28	01/17/25 13:36	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/17/25 09:28	01/17/25 13:36	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/17/25 09:28	01/17/25 13:36	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/17/25 09:28	01/17/25 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				01/17/25 09:28	01/17/25 13:36	1
1,4-Difluorobenzene (Surr)	93		70 - 130				01/17/25 09:28	01/17/25 13:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/17/25 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	4790		49.7		mg/Kg			01/17/25 20:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/17/25 09:20	01/17/25 20:39	1
Diesel Range Organics (Over C10-C28)	4790		49.7		mg/Kg		01/17/25 09:20	01/17/25 20:39	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: CS-7 (6.0')

Lab Sample ID: 880-53344-7

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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)	<49.7	U	49.7		mg/Kg		01/17/25 09:20	01/17/25 20:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130				01/17/25 09:20	01/17/25 20:39	1
o-Terphenyl	98		70 - 130				01/17/25 09:20	01/17/25 20:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	95.9		10.0		mg/Kg			01/17/25 18:54	1

Client Sample ID: CS-8 (6.0')

Lab Sample ID: 880-53344-8

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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		01/17/25 09:28	01/17/25 13:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:28	01/17/25 13:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:28	01/17/25 13:56	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/17/25 09:28	01/17/25 13:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:28	01/17/25 13:56	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/17/25 09:28	01/17/25 13:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				01/17/25 09:28	01/17/25 13:56	1
1,4-Difluorobenzene (Surr)	97		70 - 130				01/17/25 09:28	01/17/25 13:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/17/25 13:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	141		49.8		mg/Kg			01/17/25 20:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/17/25 09:20	01/17/25 20:54	1
Diesel Range Organics (Over C10-C28)	141		49.8		mg/Kg		01/17/25 09:20	01/17/25 20:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/17/25 09:20	01/17/25 20:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				01/17/25 09:20	01/17/25 20:54	1
o-Terphenyl	68	S1-	70 - 130				01/17/25 09:20	01/17/25 20:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	137		10.1		mg/Kg			01/17/25 19:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: CS-9 (4.5')

Lab Sample ID: 880-53344-9

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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		01/17/25 09:28	01/17/25 14:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/17/25 09:28	01/17/25 14:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/17/25 09:28	01/17/25 14:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/17/25 09:28	01/17/25 14:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/17/25 09:28	01/17/25 14:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/17/25 09:28	01/17/25 14:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	01/17/25 09:28	01/17/25 14:17	1
1,4-Difluorobenzene (Surr)	93		70 - 130	01/17/25 09:28	01/17/25 14:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/17/25 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/17/25 21:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/17/25 09:20	01/17/25 21:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/17/25 09:20	01/17/25 21:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/17/25 09:20	01/17/25 21:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130	01/17/25 09:20	01/17/25 21:10	1
o-Terphenyl	73		70 - 130	01/17/25 09:20	01/17/25 21:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	298		10.1		mg/Kg			01/17/25 19:06	1

Client Sample ID: CS-10 (4.5')

Lab Sample ID: 880-53344-10

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 08:15

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		01/17/25 09:28	01/17/25 14:37	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/17/25 09:28	01/17/25 14:37	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/17/25 09:28	01/17/25 14:37	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/17/25 09:28	01/17/25 14:37	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/17/25 09:28	01/17/25 14:37	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/17/25 09:28	01/17/25 14:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	01/17/25 09:28	01/17/25 14:37	1
1,4-Difluorobenzene (Surr)	92		70 - 130	01/17/25 09:28	01/17/25 14:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: CS-10 (4.5')

Lab Sample ID: 880-53344-10

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 08:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/17/25 14:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/17/25 21:27	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		01/17/25 09:20	01/17/25 21:27	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/17/25 09:20	01/17/25 21:27	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/17/25 09:20	01/17/25 21:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130				01/17/25 09:20	01/17/25 21:27	1
o-Terphenyl	68	S1-	70 - 130				01/17/25 09:20	01/17/25 21:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	390		9.98		mg/Kg			01/17/25 19:12	1

Client Sample ID: CS-11 (4.5')

Lab Sample ID: 880-53344-11

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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		01/17/25 09:28	01/17/25 16:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/17/25 09:28	01/17/25 16:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/17/25 09:28	01/17/25 16:03	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/17/25 09:28	01/17/25 16:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/17/25 09:28	01/17/25 16:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/17/25 09:28	01/17/25 16:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				01/17/25 09:28	01/17/25 16:03	1
1,4-Difluorobenzene (Surr)	93		70 - 130				01/17/25 09:28	01/17/25 16:03	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/17/25 16:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/17/25 21:58	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	<49.8	U	49.8		mg/Kg		01/17/25 09:20	01/17/25 21:58	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/17/25 09:20	01/17/25 21:58	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: CS-11 (4.5')

Lab Sample ID: 880-53344-11

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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)	<49.8	U	49.8		mg/Kg		01/17/25 09:20	01/17/25 21:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				01/17/25 09:20	01/17/25 21:58	1
o-Terphenyl	69	S1-	70 - 130				01/17/25 09:20	01/17/25 21:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	137	F1	10.1		mg/Kg			01/17/25 19:18	1

Client Sample ID: CS-12 (4.5')

Lab Sample ID: 880-53344-12

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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		01/17/25 09:28	01/17/25 16:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:28	01/17/25 16:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:28	01/17/25 16:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/17/25 09:28	01/17/25 16:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:28	01/17/25 16:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/17/25 09:28	01/17/25 16:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				01/17/25 09:28	01/17/25 16:24	1
1,4-Difluorobenzene (Surr)	92		70 - 130				01/17/25 09:28	01/17/25 16:24	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			01/17/25 16:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/17/25 22:13	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		01/17/25 09:20	01/17/25 22:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/17/25 09:20	01/17/25 22:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/17/25 09:20	01/17/25 22:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				01/17/25 09:20	01/17/25 22:13	1
o-Terphenyl	68	S1-	70 - 130				01/17/25 09:20	01/17/25 22:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	285		10.0		mg/Kg			01/17/25 19:36	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: CS-13 (4.5')

Lab Sample ID: 880-53344-13

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 08:15

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		01/17/25 09:28	01/17/25 16:44	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/17/25 09:28	01/17/25 16:44	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/17/25 09:28	01/17/25 16:44	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		01/17/25 09:28	01/17/25 16:44	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/17/25 09:28	01/17/25 16:44	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		01/17/25 09:28	01/17/25 16:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	01/17/25 09:28	01/17/25 16:44	1
1,4-Difluorobenzene (Surr)	93		70 - 130	01/17/25 09:28	01/17/25 16:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			01/17/25 16:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/17/25 22:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/17/25 09:20	01/17/25 22:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/17/25 09:20	01/17/25 22:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/17/25 09:20	01/17/25 22:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130	01/17/25 09:20	01/17/25 22:29	1
o-Terphenyl	68	S1-	70 - 130	01/17/25 09:20	01/17/25 22:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	284		9.94		mg/Kg			01/17/25 19:42	1

Client Sample ID: CS-14 (4.5')

Lab Sample ID: 880-53344-14

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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		01/17/25 09:28	01/17/25 17:05	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/17/25 09:28	01/17/25 17:05	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/17/25 09:28	01/17/25 17:05	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		01/17/25 09:28	01/17/25 17:05	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/17/25 09:28	01/17/25 17:05	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/17/25 09:28	01/17/25 17:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	01/17/25 09:28	01/17/25 17:05	1
1,4-Difluorobenzene (Surr)	90		70 - 130	01/17/25 09:28	01/17/25 17:05	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: CS-14 (4.5')

Lab Sample ID: 880-53344-14

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 08:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			01/17/25 17:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/17/25 22:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/17/25 09:20	01/17/25 22:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/17/25 09:20	01/17/25 22:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/17/25 09:20	01/17/25 22:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				01/17/25 09:20	01/17/25 22:45	1
o-Terphenyl	78		70 - 130				01/17/25 09:20	01/17/25 22:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	296		9.98		mg/Kg			01/17/25 19:59	1

Client Sample ID: CS-15 (4.5')

Lab Sample ID: 880-53344-15

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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		01/17/25 09:28	01/17/25 17:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:28	01/17/25 17:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:28	01/17/25 17:25	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/17/25 09:28	01/17/25 17:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:28	01/17/25 17:25	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/17/25 09:28	01/17/25 17:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				01/17/25 09:28	01/17/25 17:25	1
1,4-Difluorobenzene (Surr)	93		70 - 130				01/17/25 09:28	01/17/25 17:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/17/25 17:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.498	U	0.498		mg/Kg			01/17/25 23:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.498	U	0.498		mg/Kg		01/17/25 09:20	01/17/25 23:01	1
Diesel Range Organics (Over C10-C28)	<0.498	U	0.498		mg/Kg		01/17/25 09:20	01/17/25 23:01	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: CS-15 (4.5')

Lab Sample ID: 880-53344-15

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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)	<0.498	U	0.498		mg/Kg		01/17/25 09:20	01/17/25 23:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				01/17/25 09:20	01/17/25 23:01	1
o-Terphenyl	75		70 - 130				01/17/25 09:20	01/17/25 23:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	300		10.1		mg/Kg			01/17/25 20:05	1

Client Sample ID: CS-16 (4.5')

Lab Sample ID: 880-53344-16

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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		01/17/25 09:28	01/17/25 17:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/17/25 09:28	01/17/25 17:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/17/25 09:28	01/17/25 17:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/17/25 09:28	01/17/25 17:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/17/25 09:28	01/17/25 17:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/17/25 09:28	01/17/25 17:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				01/17/25 09:28	01/17/25 17:46	1
1,4-Difluorobenzene (Surr)	94		70 - 130				01/17/25 09:28	01/17/25 17:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/17/25 17:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			01/17/25 23:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/17/25 09:20	01/17/25 23:16	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/17/25 09:20	01/17/25 23:16	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/17/25 09:20	01/17/25 23:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				01/17/25 09:20	01/17/25 23:16	1
o-Terphenyl	72		70 - 130				01/17/25 09:20	01/17/25 23:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	319		10.0		mg/Kg			01/17/25 20:11	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: CS-17 (4.5')

Lab Sample ID: 880-53344-17

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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		01/17/25 09:28	01/17/25 18:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/17/25 09:28	01/17/25 18:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/17/25 09:28	01/17/25 18:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/17/25 09:28	01/17/25 18:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/17/25 09:28	01/17/25 18:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/17/25 09:28	01/17/25 18:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	01/17/25 09:28	01/17/25 18:06	1
1,4-Difluorobenzene (Surr)	90		70 - 130	01/17/25 09:28	01/17/25 18:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/17/25 18:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/17/25 23:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/17/25 09:20	01/17/25 23:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/17/25 09:20	01/17/25 23:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/17/25 09:20	01/17/25 23:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130	01/17/25 09:20	01/17/25 23:32	1
o-Terphenyl	67	S1-	70 - 130	01/17/25 09:20	01/17/25 23:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	225		10.1		mg/Kg			01/17/25 20:17	1

Client Sample ID: CS-18 (4.5')

Lab Sample ID: 880-53344-18

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 08:15

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		01/17/25 09:28	01/17/25 18:27	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/17/25 09:28	01/17/25 18:27	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/17/25 09:28	01/17/25 18:27	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/17/25 09:28	01/17/25 18:27	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/17/25 09:28	01/17/25 18:27	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/17/25 09:28	01/17/25 18:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	01/17/25 09:28	01/17/25 18:27	1
1,4-Difluorobenzene (Surr)	92		70 - 130	01/17/25 09:28	01/17/25 18:27	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: CS-18 (4.5')

Lab Sample ID: 880-53344-18

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 08:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/17/25 18:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/17/25 23:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/17/25 09:20	01/17/25 23:47	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/17/25 09:20	01/17/25 23:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/17/25 09:20	01/17/25 23:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				01/17/25 09:20	01/17/25 23:47	1
o-Terphenyl	68	S1-	70 - 130				01/17/25 09:20	01/17/25 23:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	181		10.0		mg/Kg			01/17/25 20:23	1

Client Sample ID: CS-19 (4.5')

Lab Sample ID: 880-53344-19

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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		01/17/25 09:28	01/17/25 18:47	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/17/25 09:28	01/17/25 18:47	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/17/25 09:28	01/17/25 18:47	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/17/25 09:28	01/17/25 18:47	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/17/25 09:28	01/17/25 18:47	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/17/25 09:28	01/17/25 18:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				01/17/25 09:28	01/17/25 18:47	1
1,4-Difluorobenzene (Surr)	90		70 - 130				01/17/25 09:28	01/17/25 18:47	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			01/17/25 18:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/18/25 00:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/17/25 09:20	01/18/25 00:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/17/25 09:20	01/18/25 00:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: CS-19 (4.5')

Lab Sample ID: 880-53344-19

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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)	<50.0	U	50.0		mg/Kg		01/17/25 09:20	01/18/25 00:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				01/17/25 09:20	01/18/25 00:03	1
o-Terphenyl	68	S1-	70 - 130				01/17/25 09:20	01/18/25 00:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	388		10.0		mg/Kg			01/17/25 20:29	1

Client Sample ID: CS-20 (4.5')

Lab Sample ID: 880-53344-20

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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		01/17/25 09:28	01/17/25 19:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/17/25 09:28	01/17/25 19:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/17/25 09:28	01/17/25 19:08	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/17/25 09:28	01/17/25 19:08	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/17/25 09:28	01/17/25 19:08	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/17/25 09:28	01/17/25 19:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				01/17/25 09:28	01/17/25 19:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130				01/17/25 09:28	01/17/25 19:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/17/25 19:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			01/18/25 00:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/17/25 09:20	01/18/25 00:19	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/17/25 09:20	01/18/25 00:19	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/17/25 09:20	01/18/25 00:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				01/17/25 09:20	01/18/25 00:19	1
o-Terphenyl	69	S1-	70 - 130				01/17/25 09:20	01/18/25 00:19	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			01/17/25 20:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: CS-21 (4.5')

Lab Sample ID: 880-53344-21

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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		01/17/25 09:30	01/17/25 12:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:30	01/17/25 12:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:30	01/17/25 12:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/17/25 09:30	01/17/25 12:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:30	01/17/25 12:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/17/25 09:30	01/17/25 12:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	01/17/25 09:30	01/17/25 12:16	1
1,4-Difluorobenzene (Surr)	102		70 - 130	01/17/25 09:30	01/17/25 12:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/17/25 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	<49.8	U	49.8		mg/Kg			01/20/25 23:05	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		01/17/25 09:24	01/20/25 23:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/17/25 09:24	01/20/25 23:05	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/17/25 09:24	01/20/25 23:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	01/17/25 09:24	01/20/25 23:05	1
o-Terphenyl	94		70 - 130	01/17/25 09:24	01/20/25 23:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	107		2.01		mg/Kg			01/17/25 15:29	1

Client Sample ID: CS-22 (4.5')

Lab Sample ID: 880-53344-22

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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		01/17/25 09:30	01/17/25 12:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:30	01/17/25 12:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:30	01/17/25 12:36	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/17/25 09:30	01/17/25 12:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:30	01/17/25 12:36	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/17/25 09:30	01/17/25 12:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	01/17/25 09:30	01/17/25 12:36	1
1,4-Difluorobenzene (Surr)	102		70 - 130	01/17/25 09:30	01/17/25 12:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: CS-22 (4.5')

Lab Sample ID: 880-53344-22

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 08:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/17/25 12:36	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			01/20/25 23:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/17/25 09:24	01/20/25 23:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/17/25 09:24	01/20/25 23:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/17/25 09:24	01/20/25 23:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				01/17/25 09:24	01/20/25 23:52	1
o-Terphenyl	85		70 - 130				01/17/25 09:24	01/20/25 23:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.7		2.02		mg/Kg			01/17/25 15:46	1

Client Sample ID: CS-23 (3.5')

Lab Sample ID: 880-53344-23

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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		01/17/25 09:30	01/17/25 12:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/17/25 09:30	01/17/25 12:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/17/25 09:30	01/17/25 12:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/17/25 09:30	01/17/25 12:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/17/25 09:30	01/17/25 12:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/17/25 09:30	01/17/25 12:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				01/17/25 09:30	01/17/25 12:56	1
1,4-Difluorobenzene (Surr)	102		70 - 130				01/17/25 09:30	01/17/25 12:56	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			01/17/25 12:56	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			01/21/25 00:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/17/25 09:24	01/21/25 00:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/17/25 09:24	01/21/25 00:08	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: CS-23 (3.5')

Lab Sample ID: 880-53344-23

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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)	<50.0	U	50.0		mg/Kg		01/17/25 09:24	01/21/25 00:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				01/17/25 09:24	01/21/25 00:08	1
o-Terphenyl	84		70 - 130				01/17/25 09:24	01/21/25 00:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.7		1.99		mg/Kg			01/17/25 15:51	1

Client Sample ID: CS-24 (3.5')

Lab Sample ID: 880-53344-24

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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		01/17/25 09:30	01/17/25 13:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/17/25 09:30	01/17/25 13:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/17/25 09:30	01/17/25 13:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/17/25 09:30	01/17/25 13:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/17/25 09:30	01/17/25 13:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/17/25 09:30	01/17/25 13:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				01/17/25 09:30	01/17/25 13:17	1
1,4-Difluorobenzene (Surr)	118		70 - 130				01/17/25 09:30	01/17/25 13:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/17/25 13:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	115		49.9		mg/Kg			01/21/25 00:24	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		01/17/25 09:24	01/21/25 00:24	1
Diesel Range Organics (Over C10-C28)	115		49.9		mg/Kg		01/17/25 09:24	01/21/25 00:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/17/25 09:24	01/21/25 00:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				01/17/25 09:24	01/21/25 00:24	1
o-Terphenyl	79		70 - 130				01/17/25 09:24	01/21/25 00:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.4		1.99		mg/Kg			01/17/25 15:57	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: CS-25 (3.5')

Lab Sample ID: 880-53344-25

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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		01/17/25 09:30	01/17/25 13:37	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/17/25 09:30	01/17/25 13:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/17/25 09:30	01/17/25 13:37	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/17/25 09:30	01/17/25 13:37	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/17/25 09:30	01/17/25 13:37	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/17/25 09:30	01/17/25 13:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	01/17/25 09:30	01/17/25 13:37	1
1,4-Difluorobenzene (Surr)	107		70 - 130	01/17/25 09:30	01/17/25 13:37	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			01/17/25 13:37	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			01/21/25 00:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/17/25 09:24	01/21/25 00:39	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/17/25 09:24	01/21/25 00:39	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/17/25 09:24	01/21/25 00:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	01/17/25 09:24	01/21/25 00:39	1
o-Terphenyl	85		70 - 130	01/17/25 09:24	01/21/25 00:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.7		2.02		mg/Kg			01/17/25 16:03	1

Client Sample ID: SW-1 (6.0')

Lab Sample ID: 880-53344-26

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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		01/17/25 09:30	01/17/25 13:57	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/17/25 09:30	01/17/25 13:57	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/17/25 09:30	01/17/25 13:57	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		01/17/25 09:30	01/17/25 13:57	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/17/25 09:30	01/17/25 13:57	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/17/25 09:30	01/17/25 13:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	01/17/25 09:30	01/17/25 13:57	1
1,4-Difluorobenzene (Surr)	104		70 - 130	01/17/25 09:30	01/17/25 13:57	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: SW-1 (6.0')

Lab Sample ID: 880-53344-26

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 08:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			01/17/25 13:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			01/21/25 00:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/17/25 09:24	01/21/25 00:55	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/17/25 09:24	01/21/25 00:55	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/17/25 09:24	01/21/25 00:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				01/17/25 09:24	01/21/25 00:55	1
o-Terphenyl	88		70 - 130				01/17/25 09:24	01/21/25 00:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.7		2.00		mg/Kg			01/17/25 16:20	1

Client Sample ID: SW-2 (4.5")

Lab Sample ID: 880-53344-27

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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		01/17/25 09:30	01/17/25 14:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/17/25 09:30	01/17/25 14:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/17/25 09:30	01/17/25 14:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/17/25 09:30	01/17/25 14:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/17/25 09:30	01/17/25 14:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/17/25 09:30	01/17/25 14:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130				01/17/25 09:30	01/17/25 14:18	1
1,4-Difluorobenzene (Surr)	107		70 - 130				01/17/25 09:30	01/17/25 14:18	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			01/17/25 14:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/21/25 01:11	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		01/17/25 09:24	01/21/25 01:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/17/25 09:24	01/21/25 01:11	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: SW-2 (4.5")

Lab Sample ID: 880-53344-27

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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)	<49.8	U	49.8		mg/Kg		01/17/25 09:24	01/21/25 01:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				01/17/25 09:24	01/21/25 01:11	1
o-Terphenyl	93		70 - 130				01/17/25 09:24	01/21/25 01:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.0		2.00		mg/Kg			01/17/25 16:25	1

Client Sample ID: SW-3 (6.0')

Lab Sample ID: 880-53344-28

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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		01/17/25 09:30	01/17/25 14:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:30	01/17/25 14:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:30	01/17/25 14:38	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/17/25 09:30	01/17/25 14:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:30	01/17/25 14:38	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/17/25 09:30	01/17/25 14:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				01/17/25 09:30	01/17/25 14:38	1
1,4-Difluorobenzene (Surr)	105		70 - 130				01/17/25 09:30	01/17/25 14:38	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			01/17/25 14:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/21/25 01:27	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	50.0		mg/Kg		01/17/25 09:24	01/21/25 01:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/17/25 09:24	01/21/25 01:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/17/25 09:24	01/21/25 01:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				01/17/25 09:24	01/21/25 01:27	1
o-Terphenyl	81		70 - 130				01/17/25 09:24	01/21/25 01:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.3		2.01		mg/Kg			01/17/25 16:31	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: SW-4 (4.5")

Lab Sample ID: 880-53344-29

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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		01/17/25 09:30	01/17/25 14:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:30	01/17/25 14:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:30	01/17/25 14:59	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/17/25 09:30	01/17/25 14:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:30	01/17/25 14:59	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/17/25 09:30	01/17/25 14:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130	01/17/25 09:30	01/17/25 14:59	1
1,4-Difluorobenzene (Surr)	114		70 - 130	01/17/25 09:30	01/17/25 14:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/17/25 14:59	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			01/21/25 01:42	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		01/17/25 09:24	01/21/25 01:42	1
Diesel Range Organics (Over C10-C28)	163		50.0		mg/Kg		01/17/25 09:24	01/21/25 01:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/17/25 09:24	01/21/25 01:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	01/17/25 09:24	01/21/25 01:42	1
o-Terphenyl	85		70 - 130	01/17/25 09:24	01/21/25 01:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	139		1.99		mg/Kg			01/17/25 16:37	1

Client Sample ID: SW-5 (4.5')

Lab Sample ID: 880-53344-30

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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		01/17/25 09:30	01/17/25 15:19	1
Toluene	0.00619		0.00199		mg/Kg		01/17/25 09:30	01/17/25 15:19	1
Ethylbenzene	0.00220		0.00199		mg/Kg		01/17/25 09:30	01/17/25 15:19	1
m-Xylene & p-Xylene	0.00874		0.00398		mg/Kg		01/17/25 09:30	01/17/25 15:19	1
o-Xylene	0.00352		0.00199		mg/Kg		01/17/25 09:30	01/17/25 15:19	1
Xylenes, Total	0.0123		0.00398		mg/Kg		01/17/25 09:30	01/17/25 15:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130	01/17/25 09:30	01/17/25 15:19	1
1,4-Difluorobenzene (Surr)	106		70 - 130	01/17/25 09:30	01/17/25 15:19	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: SW-5 (4.5')

Lab Sample ID: 880-53344-30

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 08:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0207		0.00398		mg/Kg			01/17/25 15:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/21/25 01:57	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		01/17/25 09:24	01/21/25 01:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/17/25 09:24	01/21/25 01:57	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/17/25 09:24	01/21/25 01:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				01/17/25 09:24	01/21/25 01:57	1
o-Terphenyl	72		70 - 130				01/17/25 09:24	01/21/25 01:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.0		1.98		mg/Kg			01/17/25 16:42	1

Client Sample ID: SW-6 (4.5')

Lab Sample ID: 880-53344-31

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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		01/17/25 09:30	01/17/25 17:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:30	01/17/25 17:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:30	01/17/25 17:09	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/17/25 09:30	01/17/25 17:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:30	01/17/25 17:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/17/25 09:30	01/17/25 17:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				01/17/25 09:30	01/17/25 17:09	1
1,4-Difluorobenzene (Surr)	107		70 - 130				01/17/25 09:30	01/17/25 17:09	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			01/17/25 17:09	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			01/21/25 02:29	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		01/17/25 09:24	01/21/25 02:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/17/25 09:24	01/21/25 02:29	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: SW-6 (4.5')

Lab Sample ID: 880-53344-31

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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)	<50.0	U	50.0		mg/Kg		01/17/25 09:24	01/21/25 02:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				01/17/25 09:24	01/21/25 02:29	1
o-Terphenyl	76		70 - 130				01/17/25 09:24	01/21/25 02:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.6		2.00		mg/Kg			01/17/25 16:48	1

Client Sample ID: SW-7 (4.5')

Lab Sample ID: 880-53344-32

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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		01/17/25 09:30	01/17/25 17:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/17/25 09:30	01/17/25 17:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/17/25 09:30	01/17/25 17:29	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/17/25 09:30	01/17/25 17:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/17/25 09:30	01/17/25 17:29	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/17/25 09:30	01/17/25 17:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				01/17/25 09:30	01/17/25 17:29	1
1,4-Difluorobenzene (Surr)	119		70 - 130				01/17/25 09:30	01/17/25 17:29	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			01/17/25 17:29	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			01/21/25 02:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/17/25 09:24	01/21/25 02:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/17/25 09:24	01/21/25 02:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/17/25 09:24	01/21/25 02:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				01/17/25 09:24	01/21/25 02:45	1
o-Terphenyl	80		70 - 130				01/17/25 09:24	01/21/25 02:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.6		2.02		mg/Kg			01/17/25 17:05	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: SW-8 (3.5')

Lab Sample ID: 880-53344-33

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 08:15

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		01/17/25 09:30	01/17/25 17:50	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/17/25 09:30	01/17/25 17:50	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/17/25 09:30	01/17/25 17:50	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/17/25 09:30	01/17/25 17:50	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/17/25 09:30	01/17/25 17:50	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/17/25 09:30	01/17/25 17:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130	01/17/25 09:30	01/17/25 17:50	1
1,4-Difluorobenzene (Surr)	107		70 - 130	01/17/25 09:30	01/17/25 17:50	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			01/17/25 17:50	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			01/21/25 03:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/17/25 09:24	01/21/25 03:00	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/17/25 09:24	01/21/25 03:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/17/25 09:24	01/21/25 03:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	01/17/25 09:24	01/21/25 03:00	1
o-Terphenyl	87		70 - 130	01/17/25 09:24	01/21/25 03:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.5		2.00		mg/Kg			01/17/25 17:11	1

Client Sample ID: SW-9 (3.5')

Lab Sample ID: 880-53344-34

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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		01/17/25 09:30	01/17/25 18:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:30	01/17/25 18:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:30	01/17/25 18:10	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/17/25 09:30	01/17/25 18:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:30	01/17/25 18:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/17/25 09:30	01/17/25 18:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	01/17/25 09:30	01/17/25 18:10	1
1,4-Difluorobenzene (Surr)	110		70 - 130	01/17/25 09:30	01/17/25 18:10	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: SW-9 (3.5')

Lab Sample ID: 880-53344-34

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 08:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/17/25 18:10	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			01/21/25 03:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/17/25 09:24	01/21/25 03:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/17/25 09:24	01/21/25 03:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/17/25 09:24	01/21/25 03:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				01/17/25 09:24	01/21/25 03:16	1
o-Terphenyl	90		70 - 130				01/17/25 09:24	01/21/25 03:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.25		1.99		mg/Kg			01/17/25 17:28	1

Client Sample ID: SW-10 (3.5')

Lab Sample ID: 880-53344-35

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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		01/17/25 09:30	01/17/25 18:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/17/25 09:30	01/17/25 18:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/17/25 09:30	01/17/25 18:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/17/25 09:30	01/17/25 18:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/17/25 09:30	01/17/25 18:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/17/25 09:30	01/17/25 18:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				01/17/25 09:30	01/17/25 18:30	1
1,4-Difluorobenzene (Surr)	108		70 - 130				01/17/25 09:30	01/17/25 18:30	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			01/17/25 18:30	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			01/21/25 03:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/17/25 09:24	01/21/25 03:31	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/17/25 09:24	01/21/25 03:31	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: SW-10 (3.5')

Lab Sample ID: 880-53344-35

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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)	<49.8	U	49.8		mg/Kg		01/17/25 09:24	01/21/25 03:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				01/17/25 09:24	01/21/25 03:31	1
o-Terphenyl	104		70 - 130				01/17/25 09:24	01/21/25 03:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.3		1.99		mg/Kg			01/17/25 17:33	1

Client Sample ID: SW-11 (3.5')

Lab Sample ID: 880-53344-36

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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		01/17/25 09:30	01/17/25 18:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/17/25 09:30	01/17/25 18:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/17/25 09:30	01/17/25 18:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/17/25 09:30	01/17/25 18:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/17/25 09:30	01/17/25 18:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/17/25 09:30	01/17/25 18:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				01/17/25 09:30	01/17/25 18:51	1
1,4-Difluorobenzene (Surr)	106		70 - 130				01/17/25 09:30	01/17/25 18:51	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			01/17/25 18:51	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			01/21/25 03:47	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		01/17/25 09:24	01/21/25 03:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/17/25 09:24	01/21/25 03:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/17/25 09:24	01/21/25 03:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				01/17/25 09:24	01/21/25 03:47	1
o-Terphenyl	91		70 - 130				01/17/25 09:24	01/21/25 03:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.6		2.02		mg/Kg			01/17/25 17:39	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: SW-12 (4.5-6.0')

Lab Sample ID: 880-53344-37

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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		01/17/25 09:30	01/17/25 19:11	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/17/25 09:30	01/17/25 19:11	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/17/25 09:30	01/17/25 19:11	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/17/25 09:30	01/17/25 19:11	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/17/25 09:30	01/17/25 19:11	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/17/25 09:30	01/17/25 19:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	01/17/25 09:30	01/17/25 19:11	1
1,4-Difluorobenzene (Surr)	106		70 - 130	01/17/25 09:30	01/17/25 19:11	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			01/17/25 19:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/21/25 04:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/17/25 09:24	01/21/25 04:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/17/25 09:24	01/21/25 04:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/17/25 09:24	01/21/25 04:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	01/17/25 09:24	01/21/25 04:02	1
o-Terphenyl	82		70 - 130	01/17/25 09:24	01/21/25 04:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.8		2.01		mg/Kg			01/17/25 17:45	1

Client Sample ID: SW-13 (4.5')

Lab Sample ID: 880-53344-38

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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		01/17/25 09:30	01/17/25 19:32	1
Toluene	0.00700		0.00200		mg/Kg		01/17/25 09:30	01/17/25 19:32	1
Ethylbenzene	0.00240		0.00200		mg/Kg		01/17/25 09:30	01/17/25 19:32	1
m-Xylene & p-Xylene	0.00876		0.00401		mg/Kg		01/17/25 09:30	01/17/25 19:32	1
o-Xylene	0.00386		0.00200		mg/Kg		01/17/25 09:30	01/17/25 19:32	1
Xylenes, Total	0.0126		0.00401		mg/Kg		01/17/25 09:30	01/17/25 19:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130	01/17/25 09:30	01/17/25 19:32	1
1,4-Difluorobenzene (Surr)	109		70 - 130	01/17/25 09:30	01/17/25 19:32	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: SW-13 (4.5')

Lab Sample ID: 880-53344-38

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 08:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0220		0.00401		mg/Kg			01/17/25 19:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/21/25 04:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/17/25 09:24	01/21/25 04:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/17/25 09:24	01/21/25 04:18	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/17/25 09:24	01/21/25 04:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				01/17/25 09:24	01/21/25 04:18	1
o-Terphenyl	82		70 - 130				01/17/25 09:24	01/21/25 04:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.8		2.00		mg/Kg			01/17/25 17:50	1

Client Sample ID: SW-14 (6.0')

Lab Sample ID: 880-53344-39

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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		01/17/25 09:30	01/17/25 19:52	1
Toluene	0.00732		0.00199		mg/Kg		01/17/25 09:30	01/17/25 19:52	1
Ethylbenzene	0.00244		0.00199		mg/Kg		01/17/25 09:30	01/17/25 19:52	1
m-Xylene & p-Xylene	0.0101		0.00398		mg/Kg		01/17/25 09:30	01/17/25 19:52	1
o-Xylene	0.00435		0.00199		mg/Kg		01/17/25 09:30	01/17/25 19:52	1
Xylenes, Total	0.0145		0.00398		mg/Kg		01/17/25 09:30	01/17/25 19:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				01/17/25 09:30	01/17/25 19:52	1
1,4-Difluorobenzene (Surr)	105		70 - 130				01/17/25 09:30	01/17/25 19:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0242		0.00398		mg/Kg			01/17/25 19:52	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			01/21/25 04:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/17/25 09:24	01/21/25 04:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/17/25 09:24	01/21/25 04:32	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: SW-14 (6.0')

Lab Sample ID: 880-53344-39

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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)	<49.8	U	49.8		mg/Kg		01/17/25 09:24	01/21/25 04:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				01/17/25 09:24	01/21/25 04:32	1
o-Terphenyl	84		70 - 130				01/17/25 09:24	01/21/25 04:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.3		1.99		mg/Kg			01/17/25 17:56	1

Client Sample ID: SW-15 (4.5')

Lab Sample ID: 880-53344-40

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 08:15

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		01/17/25 09:30	01/17/25 20:13	1
Toluene	0.00779		0.00198		mg/Kg		01/17/25 09:30	01/17/25 20:13	1
Ethylbenzene	0.00267		0.00198		mg/Kg		01/17/25 09:30	01/17/25 20:13	1
m-Xylene & p-Xylene	0.0105		0.00396		mg/Kg		01/17/25 09:30	01/17/25 20:13	1
o-Xylene	0.00440		0.00198		mg/Kg		01/17/25 09:30	01/17/25 20:13	1
Xylenes, Total	0.0149		0.00396		mg/Kg		01/17/25 09:30	01/17/25 20:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				01/17/25 09:30	01/17/25 20:13	1
1,4-Difluorobenzene (Surr)	101		70 - 130				01/17/25 09:30	01/17/25 20:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0254		0.00396		mg/Kg			01/17/25 20:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			01/21/25 04:47	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	<49.7	U	49.7		mg/Kg		01/17/25 09:24	01/21/25 04:47	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/17/25 09:24	01/21/25 04:47	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/17/25 09:24	01/21/25 04:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				01/17/25 09:24	01/21/25 04:47	1
o-Terphenyl	82		70 - 130				01/17/25 09:24	01/21/25 04:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.4		2.00		mg/Kg			01/17/25 18:02	1

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-53344-1	CS-1 (6.0')	94	96
880-53344-1 MS	CS-1 (6.0')	100	100
880-53344-1 MSD	CS-1 (6.0')	99	102
880-53344-2	CS-2 (6.0')	98	84
880-53344-3	CS-3 (6.0')	92	91
880-53344-4	CS-4 (6.0')	94	92
880-53344-5	CS-5 (6.0')	97	91
880-53344-6	CS-6 (6.0')	95	96
880-53344-7	CS-7 (6.0')	87	93
880-53344-8	CS-8 (6.0')	94	97
880-53344-9	CS-9 (4.5')	94	93
880-53344-10	CS-10 (4.5')	95	92
880-53344-11	CS-11 (4.5')	96	93
880-53344-12	CS-12 (4.5')	95	92
880-53344-13	CS-13 (4.5')	95	93
880-53344-14	CS-14 (4.5')	96	90
880-53344-15	CS-15 (4.5')	97	93
880-53344-16	CS-16 (4.5')	101	94
880-53344-17	CS-17 (4.5')	94	90
880-53344-18	CS-18 (4.5')	95	92
880-53344-19	CS-19 (4.5')	92	90
880-53344-20	CS-20 (4.5')	93	91
880-53344-21	CS-21 (4.5')	96	102
880-53344-21 MS	CS-21 (4.5')	107	99
880-53344-21 MSD	CS-21 (4.5')	122	100
880-53344-22	CS-22 (4.5')	107	102
880-53344-23	CS-23 (3.5')	118	102
880-53344-24	CS-24 (3.5')	115	118
880-53344-25	CS-25 (3.5')	121	107
880-53344-26	SW-1 (6.0')	118	104
880-53344-27	SW-2 (4.5")	127	107
880-53344-28	SW-3 (6.0')	128	105
880-53344-29	SW-4 (4.5")	129	114
880-53344-30	SW-5 (4.5')	129	106
880-53344-31	SW-6 (4.5')	102	107
880-53344-32	SW-7 (4.5')	119	119
880-53344-33	SW-8 (3.5')	135 S1+	107
880-53344-34	SW-9 (3.5')	120	110
880-53344-35	SW-10 (3.5')	123	108
880-53344-36	SW-11 (3.5')	118	106
880-53344-37	SW-12 (4.5-6.0')	127	106
880-53344-38	SW-13 (4.5')	130	109
880-53344-39	SW-14 (6.0')	126	105
880-53344-40	SW-15 (4.5')	118	101
LCS 880-100503/1-A	Lab Control Sample	100	105
LCS 880-100505/1-A	Lab Control Sample	108	108
LCSD 880-100503/2-A	Lab Control Sample Dup	98	104
LCSD 880-100505/2-A	Lab Control Sample Dup	104	98
MB 880-100503/5-A	Method Blank	90	88

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Surrogate Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
MB 880-100505/5-A	Method Blank	163 S1+	97
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)
880-53344-1	CS-1 (6.0')	83	75
880-53344-1 MS	CS-1 (6.0')	74	62 S1-
880-53344-1 MSD	CS-1 (6.0')	65 S1-	63 S1-
880-53344-2	CS-2 (6.0')	74	66 S1-
880-53344-3	CS-3 (6.0')	69 S1-	68 S1-
880-53344-4	CS-4 (6.0')	72	68 S1-
880-53344-5	CS-5 (6.0')	78	74
880-53344-6	CS-6 (6.0')	82	74
880-53344-7	CS-7 (6.0')	69 S1-	98
880-53344-8	CS-8 (6.0')	74	68 S1-
880-53344-9	CS-9 (4.5')	77	73
880-53344-10	CS-10 (4.5')	71	68 S1-
880-53344-11	CS-11 (4.5')	75	69 S1-
880-53344-12	CS-12 (4.5')	72	68 S1-
880-53344-13	CS-13 (4.5')	73	68 S1-
880-53344-14	CS-14 (4.5')	81	78
880-53344-15	CS-15 (4.5')	77	75
880-53344-16	CS-16 (4.5')	77	72
880-53344-17	CS-17 (4.5')	71	67 S1-
880-53344-18	CS-18 (4.5')	76	68 S1-
880-53344-19	CS-19 (4.5')	75	68 S1-
880-53344-20	CS-20 (4.5')	72	69 S1-
880-53344-21	CS-21 (4.5')	99	94
880-53344-21 MS	CS-21 (4.5')	93	89
880-53344-21 MSD	CS-21 (4.5')	92	90
880-53344-22	CS-22 (4.5')	92	85
880-53344-23	CS-23 (3.5')	91	84
880-53344-24	CS-24 (3.5')	89	79
880-53344-25	CS-25 (3.5')	95	85
880-53344-26	SW-1 (6.0')	95	88
880-53344-27	SW-2 (4.5")	105	93
880-53344-28	SW-3 (6.0')	89	81
880-53344-29	SW-4 (4.5")	95	85
880-53344-30	SW-5 (4.5')	80	72
880-53344-31	SW-6 (4.5')	85	76
880-53344-32	SW-7 (4.5')	88	80
880-53344-33	SW-8 (3.5')	96	87
880-53344-34	SW-9 (3.5')	99	90
880-53344-35	SW-10 (3.5')	80	104

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Surrogate Summary

Client: Carmona Resources

Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1

SDG: Eddy Co,NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-53344-36	SW-11 (3.5')	103	91
880-53344-37	SW-12 (4.5-6.0')	93	82
880-53344-38	SW-13 (4.5')	91	82
880-53344-39	SW-14 (6.0')	93	84
880-53344-40	SW-15 (4.5')	95	82
LCS 880-100496/2-A	Lab Control Sample	76	79
LCS 880-100500/2-A	Lab Control Sample	81	80
LCSD 880-100496/3-A	Lab Control Sample Dup	90	89
LCSD 880-100500/3-A	Lab Control Sample Dup	80	80
MB 880-100496/1-A	Method Blank	220 S1+	208 S1+
MB 880-100500/1-A	Method Blank	73	71

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-100503/5-A

Matrix: Solid

Analysis Batch: 100489

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 100503

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:28	01/17/25 11:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:28	01/17/25 11:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:28	01/17/25 11:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/17/25 09:28	01/17/25 11:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:28	01/17/25 11:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/17/25 09:28	01/17/25 11:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	01/17/25 09:28	01/17/25 11:11	1
1,4-Difluorobenzene (Surr)	88		70 - 130	01/17/25 09:28	01/17/25 11:11	1

Lab Sample ID: LCS 880-100503/1-A

Matrix: Solid

Analysis Batch: 100489

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 100503

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09341		mg/Kg		93	70 - 130
Toluene	0.100	0.09328		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.09283		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	0.200	0.1813		mg/Kg		91	70 - 130
o-Xylene	0.100	0.08928		mg/Kg		89	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: LCSD 880-100503/2-A

Matrix: Solid

Analysis Batch: 100489

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 100503

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1012		mg/Kg		101	70 - 130	8	35
Toluene	0.100	0.1017		mg/Kg		102	70 - 130	9	35
Ethylbenzene	0.100	0.1012		mg/Kg		101	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.1967		mg/Kg		98	70 - 130	8	35
o-Xylene	0.100	0.09596		mg/Kg		96	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-53344-1 MS

Matrix: Solid

Analysis Batch: 100489

Client Sample ID: CS-1 (6.0')

Prep Type: Total/NA

Prep Batch: 100503

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0996	0.09172		mg/Kg		92	70 - 130
Toluene	<0.00199	U	0.0996	0.09185		mg/Kg		92	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

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

Lab Sample ID: 880-53344-1 MS

Matrix: Solid

Analysis Batch: 100489

Client Sample ID: CS-1 (6.0')

Prep Type: Total/NA

Prep Batch: 100503

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00199	U	0.0996	0.09166		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.199	0.1768		mg/Kg		89	70 - 130
o-Xylene	<0.00199	U	0.0996	0.08512		mg/Kg		85	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-53344-1 MSD

Matrix: Solid

Analysis Batch: 100489

Client Sample ID: CS-1 (6.0')

Prep Type: Total/NA

Prep Batch: 100503

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.101	0.09327		mg/Kg		93	70 - 130	2	35
Toluene	<0.00199	U	0.101	0.09181		mg/Kg		91	70 - 130	0	35
Ethylbenzene	<0.00199	U	0.101	0.09049		mg/Kg		90	70 - 130	1	35
m-Xylene & p-Xylene	<0.00398	U	0.202	0.1770		mg/Kg		88	70 - 130	0	35
o-Xylene	<0.00199	U	0.101	0.08554		mg/Kg		85	70 - 130	0	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: MB 880-100505/5-A

Matrix: Solid

Analysis Batch: 100490

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 100505

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:30	01/17/25 11:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:30	01/17/25 11:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:30	01/17/25 11:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/17/25 09:30	01/17/25 11:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/17/25 09:30	01/17/25 11:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/17/25 09:30	01/17/25 11:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	163	S1+	70 - 130	01/17/25 09:30	01/17/25 11:47	1
1,4-Difluorobenzene (Surr)	97		70 - 130	01/17/25 09:30	01/17/25 11:47	1

Lab Sample ID: LCS 880-100505/1-A

Matrix: Solid

Analysis Batch: 100490

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 100505

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1135		mg/Kg		113	70 - 130
Toluene	0.100	0.1119		mg/Kg		112	70 - 130
Ethylbenzene	0.100	0.1238		mg/Kg		124	70 - 130
m-Xylene & p-Xylene	0.200	0.2296		mg/Kg		115	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

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

Lab Sample ID: LCS 880-100505/1-A

Matrix: Solid

Analysis Batch: 100490

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 100505

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1065		mg/Kg		106	70 - 130

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

Lab Sample ID: LCSD 880-100505/2-A

Matrix: Solid

Analysis Batch: 100490

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 100505

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1049		mg/Kg		105	70 - 130	8	35
Toluene	0.100	0.1037		mg/Kg		104	70 - 130	8	35
Ethylbenzene	0.100	0.1064		mg/Kg		106	70 - 130	15	35
m-Xylene & p-Xylene	0.200	0.2177		mg/Kg		109	70 - 130	5	35
o-Xylene	0.100	0.1053		mg/Kg		105	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-53344-21 MS

Matrix: Solid

Analysis Batch: 100490

Client Sample ID: CS-21 (4.5')

Prep Type: Total/NA

Prep Batch: 100505

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.1003		mg/Kg		101	70 - 130
Toluene	<0.00200	U	0.0998	0.1025		mg/Kg		103	70 - 130
Ethylbenzene	<0.00200	U	0.0998	0.09536		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2023		mg/Kg		101	70 - 130
o-Xylene	<0.00200	U	0.0998	0.09746		mg/Kg		98	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-53344-21 MSD

Matrix: Solid

Analysis Batch: 100490

Client Sample ID: CS-21 (4.5')

Prep Type: Total/NA

Prep Batch: 100505

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.1123		mg/Kg		113	70 - 130	11	35
Toluene	<0.00200	U	0.0990	0.1097		mg/Kg		111	70 - 130	7	35
Ethylbenzene	<0.00200	U	0.0990	0.1225		mg/Kg		124	70 - 130	25	35
m-Xylene & p-Xylene	<0.00399	U	0.198	0.2517		mg/Kg		127	70 - 130	22	35
o-Xylene	<0.00200	U	0.0990	0.1198		mg/Kg		121	70 - 130	21	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

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

Lab Sample ID: 880-53344-21 MSD

Matrix: Solid

Analysis Batch: 100490

Client Sample ID: CS-21 (4.5')

Prep Type: Total/NA

Prep Batch: 100505

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	122		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

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

Lab Sample ID: MB 880-100496/1-A

Matrix: Solid

Analysis Batch: 100509

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 100496

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/17/25 09:20	01/17/25 17:46	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/17/25 09:20	01/17/25 17:46	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/17/25 09:20	01/17/25 17:46	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	220	S1+	70 - 130				01/17/25 09:20	01/17/25 17:46	1	
o-Terphenyl	208	S1+	70 - 130				01/17/25 09:20	01/17/25 17:46	1	

Lab Sample ID: LCS 880-100496/2-A

Matrix: Solid

Analysis Batch: 100509

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 100496

	Spike	LCS	LCS						%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Gasoline Range Organics (GRO)-C6-C10	1000	818.2		mg/Kg		82	70 - 130			
Diesel Range Organics (Over C10-C28)	1000	774.1		mg/Kg		77	70 - 130			

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	76		70 - 130
o-Terphenyl	79		70 - 130

Lab Sample ID: LCSD 880-100496/3-A

Matrix: Solid

Analysis Batch: 100509

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 100496

				Spike	LCSD	LCSD					RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	881.6		mg/Kg		88	70 - 130	7	20
Diesel Range Organics (Over C10-C28)			1000	857.6		mg/Kg		86	70 - 130	10	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	90		70 - 130
o-Terphenyl	89		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

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

Lab Sample ID: 880-53344-1 MS

Matrix: Solid

Analysis Batch: 100509

Client Sample ID: CS-1 (6.0')

Prep Type: Total/NA

Prep Batch: 100496

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	994	605.5	F1	mg/Kg		61	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U F1	994	613.3	F1	mg/Kg		62	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	74		70 - 130						
o-Terphenyl	62	S1-	70 - 130						

Lab Sample ID: 880-53344-1 MSD

Matrix: Solid

Analysis Batch: 100509

Client Sample ID: CS-1 (6.0')

Prep Type: Total/NA

Prep Batch: 100496

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	994	629.2	F1	mg/Kg		63	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	994	658.9	F1	mg/Kg		66	70 - 130	7	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	65	S1-	70 - 130								
o-Terphenyl	63	S1-	70 - 130								

Lab Sample ID: MB 880-100500/1-A

Matrix: Solid

Analysis Batch: 100650

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 100500

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		01/17/25 09:24	01/20/25 20:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/17/25 09:24	01/20/25 20:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/17/25 09:24	01/20/25 20:05	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				01/17/25 09:24	01/20/25 20:05	1
o-Terphenyl	71		70 - 130				01/17/25 09:24	01/20/25 20:05	1

Lab Sample ID: LCS 880-100500/2-A

Matrix: Solid

Analysis Batch: 100650

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 100500

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	782.0		mg/Kg		78	70 - 130
Diesel Range Organics (Over C10-C28)	1000	709.5		mg/Kg		71	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

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

Lab Sample ID: LCS 880-100500/2-A

Matrix: Solid

Analysis Batch: 100650

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 100500

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	81		70 - 130
o-Terphenyl	80		70 - 130

Lab Sample ID: LCSD 880-100500/3-A

Matrix: Solid

Analysis Batch: 100650

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 100500

			Spike	LCSD	LCSD				%Rec			
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	762.8		mg/Kg		76	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)			1000	713.6		mg/Kg		71	70 - 130	1	20	

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	80		70 - 130

Lab Sample ID: 880-53344-21 MS

Matrix: Solid

Analysis Batch: 100650

Client Sample ID: CS-21 (4.5')

Prep Type: Total/NA

Prep Batch: 100500

	Sample	Sample	Spike	MS	MS				%Rec			
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	998	825.0		mg/Kg		83	70 - 130			
Diesel Range Organics (Over C10-C28)	<49.8	U	998	869.9		mg/Kg		87	70 - 130			

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	93		70 - 130
o-Terphenyl	89		70 - 130

Lab Sample ID: 880-53344-21 MSD

Matrix: Solid

Analysis Batch: 100650

Client Sample ID: CS-21 (4.5')

Prep Type: Total/NA

Prep Batch: 100500

	Sample	Sample	Spike	MSD	MSD				%Rec			
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	998	822.2		mg/Kg		82	70 - 130	0	20	
Diesel Range Organics (Over C10-C28)	<49.8	U	998	862.9		mg/Kg		86	70 - 130	1	20	

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	92		70 - 130
o-Terphenyl	90		70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-100507/1-A

Matrix: Solid

Analysis Batch: 100550

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			01/17/25 17:38	1

Lab Sample ID: LCS 880-100507/2-A

Matrix: Solid

Analysis Batch: 100550

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	267.2		mg/Kg		107	90 - 110

Lab Sample ID: LCSD 880-100507/3-A

Matrix: Solid

Analysis Batch: 100550

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	268.1		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 880-53344-1 MS

Matrix: Solid

Analysis Batch: 100550

Client Sample ID: CS-1 (6.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	136	F1	249	428.0	F1	mg/Kg		117	90 - 110

Lab Sample ID: 880-53344-1 MSD

Matrix: Solid

Analysis Batch: 100550

Client Sample ID: CS-1 (6.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	136	F1	249	429.8	F1	mg/Kg		118	90 - 110	0	20

Lab Sample ID: 880-53344-11 MS

Matrix: Solid

Analysis Batch: 100550

Client Sample ID: CS-11 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	137	F1	253	480.3	F1	mg/Kg		136	90 - 110

Lab Sample ID: 880-53344-11 MSD

Matrix: Solid

Analysis Batch: 100550

Client Sample ID: CS-11 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	137	F1	253	480.1	F1	mg/Kg		136	90 - 110	0	20

Lab Sample ID: MB 880-100508/1-A

Matrix: Solid

Analysis Batch: 100552

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.00	U	2.00		mg/Kg			01/17/25 15:12	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-100508/2-A

Matrix: Solid

Analysis Batch: 100552

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.0	46.56		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-100508/3-A

Matrix: Solid

Analysis Batch: 100552

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	50.0	46.54		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 880-53344-21 MS

Matrix: Solid

Analysis Batch: 100552

Client Sample ID: CS-21 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	107		50.2	160.3		mg/Kg		107	90 - 110

Lab Sample ID: 880-53344-21 MSD

Matrix: Solid

Analysis Batch: 100552

Client Sample ID: CS-21 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	107		50.2	160.4		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 880-53344-31 MS

Matrix: Solid

Analysis Batch: 100552

Client Sample ID: SW-6 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	16.6		50.0	64.46		mg/Kg		96	90 - 110

Lab Sample ID: 880-53344-31 MSD

Matrix: Solid

Analysis Batch: 100552

Client Sample ID: SW-6 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	16.6		50.0	64.53		mg/Kg		96	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

GC VOA

Analysis Batch: 100489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53344-1	CS-1 (6.0')	Total/NA	Solid	8021B	100503
880-53344-2	CS-2 (6.0')	Total/NA	Solid	8021B	100503
880-53344-3	CS-3 (6.0')	Total/NA	Solid	8021B	100503
880-53344-4	CS-4 (6.0')	Total/NA	Solid	8021B	100503
880-53344-5	CS-5 (6.0')	Total/NA	Solid	8021B	100503
880-53344-6	CS-6 (6.0')	Total/NA	Solid	8021B	100503
880-53344-7	CS-7 (6.0')	Total/NA	Solid	8021B	100503
880-53344-8	CS-8 (6.0')	Total/NA	Solid	8021B	100503
880-53344-9	CS-9 (4.5')	Total/NA	Solid	8021B	100503
880-53344-10	CS-10 (4.5')	Total/NA	Solid	8021B	100503
880-53344-11	CS-11 (4.5')	Total/NA	Solid	8021B	100503
880-53344-12	CS-12 (4.5')	Total/NA	Solid	8021B	100503
880-53344-13	CS-13 (4.5')	Total/NA	Solid	8021B	100503
880-53344-14	CS-14 (4.5')	Total/NA	Solid	8021B	100503
880-53344-15	CS-15 (4.5')	Total/NA	Solid	8021B	100503
880-53344-16	CS-16 (4.5')	Total/NA	Solid	8021B	100503
880-53344-17	CS-17 (4.5')	Total/NA	Solid	8021B	100503
880-53344-18	CS-18 (4.5')	Total/NA	Solid	8021B	100503
880-53344-19	CS-19 (4.5')	Total/NA	Solid	8021B	100503
880-53344-20	CS-20 (4.5')	Total/NA	Solid	8021B	100503
MB 880-100503/5-A	Method Blank	Total/NA	Solid	8021B	100503
LCS 880-100503/1-A	Lab Control Sample	Total/NA	Solid	8021B	100503
LCSD 880-100503/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	100503
880-53344-1 MS	CS-1 (6.0')	Total/NA	Solid	8021B	100503
880-53344-1 MSD	CS-1 (6.0')	Total/NA	Solid	8021B	100503

Analysis Batch: 100490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53344-21	CS-21 (4.5')	Total/NA	Solid	8021B	100505
880-53344-22	CS-22 (4.5')	Total/NA	Solid	8021B	100505
880-53344-23	CS-23 (3.5')	Total/NA	Solid	8021B	100505
880-53344-24	CS-24 (3.5')	Total/NA	Solid	8021B	100505
880-53344-25	CS-25 (3.5')	Total/NA	Solid	8021B	100505
880-53344-26	SW-1 (6.0')	Total/NA	Solid	8021B	100505
880-53344-27	SW-2 (4.5")	Total/NA	Solid	8021B	100505
880-53344-28	SW-3 (6.0')	Total/NA	Solid	8021B	100505
880-53344-29	SW-4 (4.5")	Total/NA	Solid	8021B	100505
880-53344-30	SW-5 (4.5')	Total/NA	Solid	8021B	100505
880-53344-31	SW-6 (4.5')	Total/NA	Solid	8021B	100505
880-53344-32	SW-7 (4.5')	Total/NA	Solid	8021B	100505
880-53344-33	SW-8 (3.5')	Total/NA	Solid	8021B	100505
880-53344-34	SW-9 (3.5')	Total/NA	Solid	8021B	100505
880-53344-35	SW-10 (3.5')	Total/NA	Solid	8021B	100505
880-53344-36	SW-11 (3.5')	Total/NA	Solid	8021B	100505
880-53344-37	SW-12 (4.5-6.0')	Total/NA	Solid	8021B	100505
880-53344-38	SW-13 (4.5')	Total/NA	Solid	8021B	100505
880-53344-39	SW-14 (6.0')	Total/NA	Solid	8021B	100505
880-53344-40	SW-15 (4.5')	Total/NA	Solid	8021B	100505
MB 880-100505/5-A	Method Blank	Total/NA	Solid	8021B	100505
LCS 880-100505/1-A	Lab Control Sample	Total/NA	Solid	8021B	100505
LCSD 880-100505/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	100505

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

GC VOA (Continued)

Analysis Batch: 100490 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53344-21 MS	CS-21 (4.5')	Total/NA	Solid	8021B	100505
880-53344-21 MSD	CS-21 (4.5')	Total/NA	Solid	8021B	100505

Prep Batch: 100503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53344-1	CS-1 (6.0')	Total/NA	Solid	5035	
880-53344-2	CS-2 (6.0')	Total/NA	Solid	5035	
880-53344-3	CS-3 (6.0')	Total/NA	Solid	5035	
880-53344-4	CS-4 (6.0')	Total/NA	Solid	5035	
880-53344-5	CS-5 (6.0')	Total/NA	Solid	5035	
880-53344-6	CS-6 (6.0')	Total/NA	Solid	5035	
880-53344-7	CS-7 (6.0')	Total/NA	Solid	5035	
880-53344-8	CS-8 (6.0')	Total/NA	Solid	5035	
880-53344-9	CS-9 (4.5')	Total/NA	Solid	5035	
880-53344-10	CS-10 (4.5')	Total/NA	Solid	5035	
880-53344-11	CS-11 (4.5')	Total/NA	Solid	5035	
880-53344-12	CS-12 (4.5')	Total/NA	Solid	5035	
880-53344-13	CS-13 (4.5')	Total/NA	Solid	5035	
880-53344-14	CS-14 (4.5')	Total/NA	Solid	5035	
880-53344-15	CS-15 (4.5')	Total/NA	Solid	5035	
880-53344-16	CS-16 (4.5')	Total/NA	Solid	5035	
880-53344-17	CS-17 (4.5')	Total/NA	Solid	5035	
880-53344-18	CS-18 (4.5')	Total/NA	Solid	5035	
880-53344-19	CS-19 (4.5')	Total/NA	Solid	5035	
880-53344-20	CS-20 (4.5')	Total/NA	Solid	5035	
MB 880-100503/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-100503/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-100503/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-53344-1 MS	CS-1 (6.0')	Total/NA	Solid	5035	
880-53344-1 MSD	CS-1 (6.0')	Total/NA	Solid	5035	

Prep Batch: 100505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53344-21	CS-21 (4.5')	Total/NA	Solid	5035	
880-53344-22	CS-22 (4.5')	Total/NA	Solid	5035	
880-53344-23	CS-23 (3.5')	Total/NA	Solid	5035	
880-53344-24	CS-24 (3.5')	Total/NA	Solid	5035	
880-53344-25	CS-25 (3.5')	Total/NA	Solid	5035	
880-53344-26	SW-1 (6.0')	Total/NA	Solid	5035	
880-53344-27	SW-2 (4.5")	Total/NA	Solid	5035	
880-53344-28	SW-3 (6.0')	Total/NA	Solid	5035	
880-53344-29	SW-4 (4.5")	Total/NA	Solid	5035	
880-53344-30	SW-5 (4.5')	Total/NA	Solid	5035	
880-53344-31	SW-6 (4.5')	Total/NA	Solid	5035	
880-53344-32	SW-7 (4.5')	Total/NA	Solid	5035	
880-53344-33	SW-8 (3.5')	Total/NA	Solid	5035	
880-53344-34	SW-9 (3.5')	Total/NA	Solid	5035	
880-53344-35	SW-10 (3.5')	Total/NA	Solid	5035	
880-53344-36	SW-11 (3.5')	Total/NA	Solid	5035	
880-53344-37	SW-12 (4.5-6.0')	Total/NA	Solid	5035	
880-53344-38	SW-13 (4.5')	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

GC VOA (Continued)

Prep Batch: 100505 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53344-39	SW-14 (6.0')	Total/NA	Solid	5035	
880-53344-40	SW-15 (4.5')	Total/NA	Solid	5035	
MB 880-100505/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-100505/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-100505/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-53344-21 MS	CS-21 (4.5')	Total/NA	Solid	5035	
880-53344-21 MSD	CS-21 (4.5')	Total/NA	Solid	5035	

Analysis Batch: 100673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53344-1	CS-1 (6.0')	Total/NA	Solid	Total BTEX	
880-53344-2	CS-2 (6.0')	Total/NA	Solid	Total BTEX	
880-53344-3	CS-3 (6.0')	Total/NA	Solid	Total BTEX	
880-53344-4	CS-4 (6.0')	Total/NA	Solid	Total BTEX	
880-53344-5	CS-5 (6.0')	Total/NA	Solid	Total BTEX	
880-53344-6	CS-6 (6.0')	Total/NA	Solid	Total BTEX	
880-53344-7	CS-7 (6.0')	Total/NA	Solid	Total BTEX	
880-53344-8	CS-8 (6.0')	Total/NA	Solid	Total BTEX	
880-53344-9	CS-9 (4.5')	Total/NA	Solid	Total BTEX	
880-53344-10	CS-10 (4.5')	Total/NA	Solid	Total BTEX	
880-53344-11	CS-11 (4.5')	Total/NA	Solid	Total BTEX	
880-53344-12	CS-12 (4.5')	Total/NA	Solid	Total BTEX	
880-53344-13	CS-13 (4.5')	Total/NA	Solid	Total BTEX	
880-53344-14	CS-14 (4.5')	Total/NA	Solid	Total BTEX	
880-53344-15	CS-15 (4.5')	Total/NA	Solid	Total BTEX	
880-53344-16	CS-16 (4.5')	Total/NA	Solid	Total BTEX	
880-53344-17	CS-17 (4.5')	Total/NA	Solid	Total BTEX	
880-53344-18	CS-18 (4.5')	Total/NA	Solid	Total BTEX	
880-53344-19	CS-19 (4.5')	Total/NA	Solid	Total BTEX	
880-53344-20	CS-20 (4.5')	Total/NA	Solid	Total BTEX	
880-53344-21	CS-21 (4.5')	Total/NA	Solid	Total BTEX	
880-53344-22	CS-22 (4.5')	Total/NA	Solid	Total BTEX	
880-53344-23	CS-23 (3.5')	Total/NA	Solid	Total BTEX	
880-53344-24	CS-24 (3.5')	Total/NA	Solid	Total BTEX	
880-53344-25	CS-25 (3.5')	Total/NA	Solid	Total BTEX	
880-53344-26	SW-1 (6.0')	Total/NA	Solid	Total BTEX	
880-53344-27	SW-2 (4.5")	Total/NA	Solid	Total BTEX	
880-53344-28	SW-3 (6.0')	Total/NA	Solid	Total BTEX	
880-53344-29	SW-4 (4.5")	Total/NA	Solid	Total BTEX	
880-53344-30	SW-5 (4.5')	Total/NA	Solid	Total BTEX	
880-53344-31	SW-6 (4.5')	Total/NA	Solid	Total BTEX	
880-53344-32	SW-7 (4.5')	Total/NA	Solid	Total BTEX	
880-53344-33	SW-8 (3.5')	Total/NA	Solid	Total BTEX	
880-53344-34	SW-9 (3.5')	Total/NA	Solid	Total BTEX	
880-53344-35	SW-10 (3.5')	Total/NA	Solid	Total BTEX	
880-53344-36	SW-11 (3.5')	Total/NA	Solid	Total BTEX	
880-53344-37	SW-12 (4.5-6.0')	Total/NA	Solid	Total BTEX	
880-53344-38	SW-13 (4.5')	Total/NA	Solid	Total BTEX	
880-53344-39	SW-14 (6.0')	Total/NA	Solid	Total BTEX	
880-53344-40	SW-15 (4.5')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

GC Semi VOA

Prep Batch: 100496

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53344-1	CS-1 (6.0')	Total/NA	Solid	8015NM Prep	
880-53344-2	CS-2 (6.0')	Total/NA	Solid	8015NM Prep	
880-53344-3	CS-3 (6.0')	Total/NA	Solid	8015NM Prep	
880-53344-4	CS-4 (6.0')	Total/NA	Solid	8015NM Prep	
880-53344-5	CS-5 (6.0')	Total/NA	Solid	8015NM Prep	
880-53344-6	CS-6 (6.0')	Total/NA	Solid	8015NM Prep	
880-53344-7	CS-7 (6.0')	Total/NA	Solid	8015NM Prep	
880-53344-8	CS-8 (6.0')	Total/NA	Solid	8015NM Prep	
880-53344-9	CS-9 (4.5')	Total/NA	Solid	8015NM Prep	
880-53344-10	CS-10 (4.5')	Total/NA	Solid	8015NM Prep	
880-53344-11	CS-11 (4.5')	Total/NA	Solid	8015NM Prep	
880-53344-12	CS-12 (4.5')	Total/NA	Solid	8015NM Prep	
880-53344-13	CS-13 (4.5')	Total/NA	Solid	8015NM Prep	
880-53344-14	CS-14 (4.5')	Total/NA	Solid	8015NM Prep	
880-53344-15	CS-15 (4.5')	Total/NA	Solid	8015NM Prep	
880-53344-16	CS-16 (4.5')	Total/NA	Solid	8015NM Prep	
880-53344-17	CS-17 (4.5')	Total/NA	Solid	8015NM Prep	
880-53344-18	CS-18 (4.5')	Total/NA	Solid	8015NM Prep	
880-53344-19	CS-19 (4.5')	Total/NA	Solid	8015NM Prep	
880-53344-20	CS-20 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-100496/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-100496/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-100496/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-53344-1 MS	CS-1 (6.0')	Total/NA	Solid	8015NM Prep	
880-53344-1 MSD	CS-1 (6.0')	Total/NA	Solid	8015NM Prep	

Prep Batch: 100500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53344-21	CS-21 (4.5')	Total/NA	Solid	8015NM Prep	
880-53344-22	CS-22 (4.5')	Total/NA	Solid	8015NM Prep	
880-53344-23	CS-23 (3.5')	Total/NA	Solid	8015NM Prep	
880-53344-24	CS-24 (3.5')	Total/NA	Solid	8015NM Prep	
880-53344-25	CS-25 (3.5')	Total/NA	Solid	8015NM Prep	
880-53344-26	SW-1 (6.0')	Total/NA	Solid	8015NM Prep	
880-53344-27	SW-2 (4.5")	Total/NA	Solid	8015NM Prep	
880-53344-28	SW-3 (6.0')	Total/NA	Solid	8015NM Prep	
880-53344-29	SW-4 (4.5")	Total/NA	Solid	8015NM Prep	
880-53344-30	SW-5 (4.5')	Total/NA	Solid	8015NM Prep	
880-53344-31	SW-6 (4.5')	Total/NA	Solid	8015NM Prep	
880-53344-32	SW-7 (4.5')	Total/NA	Solid	8015NM Prep	
880-53344-33	SW-8 (3.5')	Total/NA	Solid	8015NM Prep	
880-53344-34	SW-9 (3.5')	Total/NA	Solid	8015NM Prep	
880-53344-35	SW-10 (3.5')	Total/NA	Solid	8015NM Prep	
880-53344-36	SW-11 (3.5')	Total/NA	Solid	8015NM Prep	
880-53344-37	SW-12 (4.5-6.0')	Total/NA	Solid	8015NM Prep	
880-53344-38	SW-13 (4.5')	Total/NA	Solid	8015NM Prep	
880-53344-39	SW-14 (6.0')	Total/NA	Solid	8015NM Prep	
880-53344-40	SW-15 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-100500/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-100500/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-100500/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

GC Semi VOA (Continued)

Prep Batch: 100500 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53344-21 MS	CS-21 (4.5')	Total/NA	Solid	8015NM Prep	
880-53344-21 MSD	CS-21 (4.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 100509

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53344-1	CS-1 (6.0')	Total/NA	Solid	8015B NM	100496
880-53344-2	CS-2 (6.0')	Total/NA	Solid	8015B NM	100496
880-53344-3	CS-3 (6.0')	Total/NA	Solid	8015B NM	100496
880-53344-4	CS-4 (6.0')	Total/NA	Solid	8015B NM	100496
880-53344-5	CS-5 (6.0')	Total/NA	Solid	8015B NM	100496
880-53344-6	CS-6 (6.0')	Total/NA	Solid	8015B NM	100496
880-53344-7	CS-7 (6.0')	Total/NA	Solid	8015B NM	100496
880-53344-8	CS-8 (6.0')	Total/NA	Solid	8015B NM	100496
880-53344-9	CS-9 (4.5')	Total/NA	Solid	8015B NM	100496
880-53344-10	CS-10 (4.5')	Total/NA	Solid	8015B NM	100496
880-53344-11	CS-11 (4.5')	Total/NA	Solid	8015B NM	100496
880-53344-12	CS-12 (4.5')	Total/NA	Solid	8015B NM	100496
880-53344-13	CS-13 (4.5')	Total/NA	Solid	8015B NM	100496
880-53344-14	CS-14 (4.5')	Total/NA	Solid	8015B NM	100496
880-53344-15	CS-15 (4.5')	Total/NA	Solid	8015B NM	100496
880-53344-16	CS-16 (4.5')	Total/NA	Solid	8015B NM	100496
880-53344-17	CS-17 (4.5')	Total/NA	Solid	8015B NM	100496
880-53344-18	CS-18 (4.5')	Total/NA	Solid	8015B NM	100496
880-53344-19	CS-19 (4.5')	Total/NA	Solid	8015B NM	100496
880-53344-20	CS-20 (4.5')	Total/NA	Solid	8015B NM	100496
MB 880-100496/1-A	Method Blank	Total/NA	Solid	8015B NM	100496
LCS 880-100496/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	100496
LCSD 880-100496/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	100496
880-53344-1 MS	CS-1 (6.0')	Total/NA	Solid	8015B NM	100496
880-53344-1 MSD	CS-1 (6.0')	Total/NA	Solid	8015B NM	100496

Analysis Batch: 100650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53344-21	CS-21 (4.5')	Total/NA	Solid	8015B NM	100500
880-53344-22	CS-22 (4.5')	Total/NA	Solid	8015B NM	100500
880-53344-23	CS-23 (3.5')	Total/NA	Solid	8015B NM	100500
880-53344-24	CS-24 (3.5')	Total/NA	Solid	8015B NM	100500
880-53344-25	CS-25 (3.5')	Total/NA	Solid	8015B NM	100500
880-53344-26	SW-1 (6.0')	Total/NA	Solid	8015B NM	100500
880-53344-27	SW-2 (4.5")	Total/NA	Solid	8015B NM	100500
880-53344-28	SW-3 (6.0')	Total/NA	Solid	8015B NM	100500
880-53344-29	SW-4 (4.5")	Total/NA	Solid	8015B NM	100500
880-53344-30	SW-5 (4.5')	Total/NA	Solid	8015B NM	100500
880-53344-31	SW-6 (4.5')	Total/NA	Solid	8015B NM	100500
880-53344-32	SW-7 (4.5')	Total/NA	Solid	8015B NM	100500
880-53344-33	SW-8 (3.5')	Total/NA	Solid	8015B NM	100500
880-53344-34	SW-9 (3.5')	Total/NA	Solid	8015B NM	100500
880-53344-35	SW-10 (3.5')	Total/NA	Solid	8015B NM	100500
880-53344-36	SW-11 (3.5')	Total/NA	Solid	8015B NM	100500
880-53344-37	SW-12 (4.5-6.0')	Total/NA	Solid	8015B NM	100500
880-53344-38	SW-13 (4.5')	Total/NA	Solid	8015B NM	100500

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

GC Semi VOA (Continued)

Analysis Batch: 100650 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53344-39	SW-14 (6.0')	Total/NA	Solid	8015B NM	100500
880-53344-40	SW-15 (4.5')	Total/NA	Solid	8015B NM	100500
MB 880-100500/1-A	Method Blank	Total/NA	Solid	8015B NM	100500
LCS 880-100500/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	100500
LCSD 880-100500/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	100500
880-53344-21 MS	CS-21 (4.5')	Total/NA	Solid	8015B NM	100500
880-53344-21 MSD	CS-21 (4.5')	Total/NA	Solid	8015B NM	100500

Analysis Batch: 100671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53344-1	CS-1 (6.0')	Total/NA	Solid	8015 NM	
880-53344-2	CS-2 (6.0')	Total/NA	Solid	8015 NM	
880-53344-3	CS-3 (6.0')	Total/NA	Solid	8015 NM	
880-53344-4	CS-4 (6.0')	Total/NA	Solid	8015 NM	
880-53344-5	CS-5 (6.0')	Total/NA	Solid	8015 NM	
880-53344-6	CS-6 (6.0')	Total/NA	Solid	8015 NM	
880-53344-7	CS-7 (6.0')	Total/NA	Solid	8015 NM	
880-53344-8	CS-8 (6.0')	Total/NA	Solid	8015 NM	
880-53344-9	CS-9 (4.5')	Total/NA	Solid	8015 NM	
880-53344-10	CS-10 (4.5')	Total/NA	Solid	8015 NM	
880-53344-11	CS-11 (4.5')	Total/NA	Solid	8015 NM	
880-53344-12	CS-12 (4.5')	Total/NA	Solid	8015 NM	
880-53344-13	CS-13 (4.5')	Total/NA	Solid	8015 NM	
880-53344-14	CS-14 (4.5')	Total/NA	Solid	8015 NM	
880-53344-15	CS-15 (4.5')	Total/NA	Solid	8015 NM	
880-53344-16	CS-16 (4.5')	Total/NA	Solid	8015 NM	
880-53344-17	CS-17 (4.5')	Total/NA	Solid	8015 NM	
880-53344-18	CS-18 (4.5')	Total/NA	Solid	8015 NM	
880-53344-19	CS-19 (4.5')	Total/NA	Solid	8015 NM	
880-53344-20	CS-20 (4.5')	Total/NA	Solid	8015 NM	
880-53344-21	CS-21 (4.5')	Total/NA	Solid	8015 NM	
880-53344-22	CS-22 (4.5')	Total/NA	Solid	8015 NM	
880-53344-23	CS-23 (3.5')	Total/NA	Solid	8015 NM	
880-53344-24	CS-24 (3.5')	Total/NA	Solid	8015 NM	
880-53344-25	CS-25 (3.5')	Total/NA	Solid	8015 NM	
880-53344-26	SW-1 (6.0')	Total/NA	Solid	8015 NM	
880-53344-27	SW-2 (4.5")	Total/NA	Solid	8015 NM	
880-53344-28	SW-3 (6.0')	Total/NA	Solid	8015 NM	
880-53344-29	SW-4 (4.5")	Total/NA	Solid	8015 NM	
880-53344-30	SW-5 (4.5')	Total/NA	Solid	8015 NM	
880-53344-31	SW-6 (4.5')	Total/NA	Solid	8015 NM	
880-53344-32	SW-7 (4.5')	Total/NA	Solid	8015 NM	
880-53344-33	SW-8 (3.5')	Total/NA	Solid	8015 NM	
880-53344-34	SW-9 (3.5')	Total/NA	Solid	8015 NM	
880-53344-35	SW-10 (3.5')	Total/NA	Solid	8015 NM	
880-53344-36	SW-11 (3.5')	Total/NA	Solid	8015 NM	
880-53344-37	SW-12 (4.5-6.0')	Total/NA	Solid	8015 NM	
880-53344-38	SW-13 (4.5')	Total/NA	Solid	8015 NM	
880-53344-39	SW-14 (6.0')	Total/NA	Solid	8015 NM	
880-53344-40	SW-15 (4.5')	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

HPLC/IC

Leach Batch: 100507

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53344-1	CS-1 (6.0')	Soluble	Solid	DI Leach	
880-53344-2	CS-2 (6.0')	Soluble	Solid	DI Leach	
880-53344-3	CS-3 (6.0')	Soluble	Solid	DI Leach	
880-53344-4	CS-4 (6.0')	Soluble	Solid	DI Leach	
880-53344-5	CS-5 (6.0')	Soluble	Solid	DI Leach	
880-53344-6	CS-6 (6.0')	Soluble	Solid	DI Leach	
880-53344-7	CS-7 (6.0')	Soluble	Solid	DI Leach	
880-53344-8	CS-8 (6.0')	Soluble	Solid	DI Leach	
880-53344-9	CS-9 (4.5')	Soluble	Solid	DI Leach	
880-53344-10	CS-10 (4.5')	Soluble	Solid	DI Leach	
880-53344-11	CS-11 (4.5')	Soluble	Solid	DI Leach	
880-53344-12	CS-12 (4.5')	Soluble	Solid	DI Leach	
880-53344-13	CS-13 (4.5')	Soluble	Solid	DI Leach	
880-53344-14	CS-14 (4.5')	Soluble	Solid	DI Leach	
880-53344-15	CS-15 (4.5')	Soluble	Solid	DI Leach	
880-53344-16	CS-16 (4.5')	Soluble	Solid	DI Leach	
880-53344-17	CS-17 (4.5')	Soluble	Solid	DI Leach	
880-53344-18	CS-18 (4.5')	Soluble	Solid	DI Leach	
880-53344-19	CS-19 (4.5')	Soluble	Solid	DI Leach	
880-53344-20	CS-20 (4.5')	Soluble	Solid	DI Leach	
MB 880-100507/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-100507/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-100507/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-53344-1 MS	CS-1 (6.0')	Soluble	Solid	DI Leach	
880-53344-1 MSD	CS-1 (6.0')	Soluble	Solid	DI Leach	
880-53344-11 MS	CS-11 (4.5')	Soluble	Solid	DI Leach	
880-53344-11 MSD	CS-11 (4.5')	Soluble	Solid	DI Leach	

Leach Batch: 100508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53344-21	CS-21 (4.5')	Soluble	Solid	DI Leach	
880-53344-22	CS-22 (4.5')	Soluble	Solid	DI Leach	
880-53344-23	CS-23 (3.5')	Soluble	Solid	DI Leach	
880-53344-24	CS-24 (3.5')	Soluble	Solid	DI Leach	
880-53344-25	CS-25 (3.5')	Soluble	Solid	DI Leach	
880-53344-26	SW-1 (6.0')	Soluble	Solid	DI Leach	
880-53344-27	SW-2 (4.5")	Soluble	Solid	DI Leach	
880-53344-28	SW-3 (6.0')	Soluble	Solid	DI Leach	
880-53344-29	SW-4 (4.5")	Soluble	Solid	DI Leach	
880-53344-30	SW-5 (4.5')	Soluble	Solid	DI Leach	
880-53344-31	SW-6 (4.5')	Soluble	Solid	DI Leach	
880-53344-32	SW-7 (4.5')	Soluble	Solid	DI Leach	
880-53344-33	SW-8 (3.5')	Soluble	Solid	DI Leach	
880-53344-34	SW-9 (3.5')	Soluble	Solid	DI Leach	
880-53344-35	SW-10 (3.5')	Soluble	Solid	DI Leach	
880-53344-36	SW-11 (3.5')	Soluble	Solid	DI Leach	
880-53344-37	SW-12 (4.5-6.0')	Soluble	Solid	DI Leach	
880-53344-38	SW-13 (4.5')	Soluble	Solid	DI Leach	
880-53344-39	SW-14 (6.0')	Soluble	Solid	DI Leach	
880-53344-40	SW-15 (4.5')	Soluble	Solid	DI Leach	
MB 880-100508/1-A	Method Blank	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

HPLC/IC (Continued)

Leach Batch: 100508 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-100508/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-100508/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-53344-21 MS	CS-21 (4.5')	Soluble	Solid	DI Leach	
880-53344-21 MSD	CS-21 (4.5')	Soluble	Solid	DI Leach	
880-53344-31 MS	SW-6 (4.5')	Soluble	Solid	DI Leach	
880-53344-31 MSD	SW-6 (4.5')	Soluble	Solid	DI Leach	

Analysis Batch: 100550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53344-1	CS-1 (6.0')	Soluble	Solid	300.0	100507
880-53344-2	CS-2 (6.0')	Soluble	Solid	300.0	100507
880-53344-3	CS-3 (6.0')	Soluble	Solid	300.0	100507
880-53344-4	CS-4 (6.0')	Soluble	Solid	300.0	100507
880-53344-5	CS-5 (6.0')	Soluble	Solid	300.0	100507
880-53344-6	CS-6 (6.0')	Soluble	Solid	300.0	100507
880-53344-7	CS-7 (6.0')	Soluble	Solid	300.0	100507
880-53344-8	CS-8 (6.0')	Soluble	Solid	300.0	100507
880-53344-9	CS-9 (4.5')	Soluble	Solid	300.0	100507
880-53344-10	CS-10 (4.5')	Soluble	Solid	300.0	100507
880-53344-11	CS-11 (4.5')	Soluble	Solid	300.0	100507
880-53344-12	CS-12 (4.5')	Soluble	Solid	300.0	100507
880-53344-13	CS-13 (4.5')	Soluble	Solid	300.0	100507
880-53344-14	CS-14 (4.5')	Soluble	Solid	300.0	100507
880-53344-15	CS-15 (4.5')	Soluble	Solid	300.0	100507
880-53344-16	CS-16 (4.5')	Soluble	Solid	300.0	100507
880-53344-17	CS-17 (4.5')	Soluble	Solid	300.0	100507
880-53344-18	CS-18 (4.5')	Soluble	Solid	300.0	100507
880-53344-19	CS-19 (4.5')	Soluble	Solid	300.0	100507
880-53344-20	CS-20 (4.5')	Soluble	Solid	300.0	100507
MB 880-100507/1-A	Method Blank	Soluble	Solid	300.0	100507
LCS 880-100507/2-A	Lab Control Sample	Soluble	Solid	300.0	100507
LCSD 880-100507/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	100507
880-53344-1 MS	CS-1 (6.0')	Soluble	Solid	300.0	100507
880-53344-1 MSD	CS-1 (6.0')	Soluble	Solid	300.0	100507
880-53344-11 MS	CS-11 (4.5')	Soluble	Solid	300.0	100507
880-53344-11 MSD	CS-11 (4.5')	Soluble	Solid	300.0	100507

Analysis Batch: 100552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53344-21	CS-21 (4.5')	Soluble	Solid	300.0	100508
880-53344-22	CS-22 (4.5')	Soluble	Solid	300.0	100508
880-53344-23	CS-23 (3.5')	Soluble	Solid	300.0	100508
880-53344-24	CS-24 (3.5')	Soluble	Solid	300.0	100508
880-53344-25	CS-25 (3.5')	Soluble	Solid	300.0	100508
880-53344-26	SW-1 (6.0')	Soluble	Solid	300.0	100508
880-53344-27	SW-2 (4.5")	Soluble	Solid	300.0	100508
880-53344-28	SW-3 (6.0')	Soluble	Solid	300.0	100508
880-53344-29	SW-4 (4.5")	Soluble	Solid	300.0	100508
880-53344-30	SW-5 (4.5')	Soluble	Solid	300.0	100508
880-53344-31	SW-6 (4.5')	Soluble	Solid	300.0	100508
880-53344-32	SW-7 (4.5')	Soluble	Solid	300.0	100508

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

HPLC/IC (Continued)

Analysis Batch: 100552 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53344-33	SW-8 (3.5')	Soluble	Solid	300.0	100508
880-53344-34	SW-9 (3.5')	Soluble	Solid	300.0	100508
880-53344-35	SW-10 (3.5')	Soluble	Solid	300.0	100508
880-53344-36	SW-11 (3.5')	Soluble	Solid	300.0	100508
880-53344-37	SW-12 (4.5-6.0')	Soluble	Solid	300.0	100508
880-53344-38	SW-13 (4.5')	Soluble	Solid	300.0	100508
880-53344-39	SW-14 (6.0')	Soluble	Solid	300.0	100508
880-53344-40	SW-15 (4.5')	Soluble	Solid	300.0	100508
MB 880-100508/1-A	Method Blank	Soluble	Solid	300.0	100508
LCS 880-100508/2-A	Lab Control Sample	Soluble	Solid	300.0	100508
LCSD 880-100508/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	100508
880-53344-21 MS	CS-21 (4.5')	Soluble	Solid	300.0	100508
880-53344-21 MSD	CS-21 (4.5')	Soluble	Solid	300.0	100508
880-53344-31 MS	SW-6 (4.5')	Soluble	Solid	300.0	100508
880-53344-31 MSD	SW-6 (4.5')	Soluble	Solid	300.0	100508

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: CS-1 (6.0')

Lab Sample ID: 880-53344-1

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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			5.02 g	5 mL	100503	01/17/25 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100489	01/17/25 11:33	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 11:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/17/25 18:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	100496	01/17/25 09:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100509	01/17/25 18:33	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	100507	01/17/25 09:49	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100550	01/17/25 17:55	CH	EET MID

Client Sample ID: CS-2 (6.0')

Lab Sample ID: 880-53344-2

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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	100503	01/17/25 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100489	01/17/25 11:53	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 11:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/17/25 19:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	100496	01/17/25 09:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100509	01/17/25 19:20	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	100507	01/17/25 09:49	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100550	01/17/25 18:13	CH	EET MID

Client Sample ID: CS-3 (6.0')

Lab Sample ID: 880-53344-3

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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			4.99 g	5 mL	100503	01/17/25 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100489	01/17/25 12:14	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 12:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/17/25 19:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	100496	01/17/25 09:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100509	01/17/25 19:36	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	100507	01/17/25 09:49	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100550	01/17/25 18:19	CH	EET MID

Client Sample ID: CS-4 (6.0')

Lab Sample ID: 880-53344-4

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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	100503	01/17/25 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100489	01/17/25 12:34	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 12:34	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: CS-4 (6.0')

Lab Sample ID: 880-53344-4

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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			100671	01/17/25 19:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	100496	01/17/25 09:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100509	01/17/25 19:51	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	100507	01/17/25 09:49	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100550	01/17/25 18:25	CH	EET MID

Client Sample ID: CS-5 (6.0')

Lab Sample ID: 880-53344-5

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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			5.02 g	5 mL	100503	01/17/25 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100489	01/17/25 12:55	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 12:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/17/25 20:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	100496	01/17/25 09:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100509	01/17/25 20:08	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	100507	01/17/25 09:49	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100550	01/17/25 18:31	CH	EET MID

Client Sample ID: CS-6 (6.0')

Lab Sample ID: 880-53344-6

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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			4.95 g	5 mL	100503	01/17/25 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100489	01/17/25 13:15	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 13:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/17/25 20:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	100496	01/17/25 09:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100509	01/17/25 20:23	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	100507	01/17/25 09:49	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100550	01/17/25 18:49	CH	EET MID

Client Sample ID: CS-7 (6.0')

Lab Sample ID: 880-53344-7

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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	100503	01/17/25 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100489	01/17/25 13:36	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 13:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/17/25 20:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	100496	01/17/25 09:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100509	01/17/25 20:39	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: CS-7 (6.0')

Lab Sample ID: 880-53344-7

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	100507	01/17/25 09:49	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100550	01/17/25 18:54	CH	EET MID

Client Sample ID: CS-8 (6.0')

Lab Sample ID: 880-53344-8

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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			4.99 g	5 mL	100503	01/17/25 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100489	01/17/25 13:56	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 13:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/17/25 20:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	100496	01/17/25 09:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100509	01/17/25 20:54	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	100507	01/17/25 09:49	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100550	01/17/25 19:00	CH	EET MID

Client Sample ID: CS-9 (4.5')

Lab Sample ID: 880-53344-9

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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	100503	01/17/25 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100489	01/17/25 14:17	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 14:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/17/25 21:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	100496	01/17/25 09:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100509	01/17/25 21:10	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	100507	01/17/25 09:49	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100550	01/17/25 19:06	CH	EET MID

Client Sample ID: CS-10 (4.5')

Lab Sample ID: 880-53344-10

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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	100503	01/17/25 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100489	01/17/25 14:37	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 14:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/17/25 21:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	100496	01/17/25 09:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100509	01/17/25 21:27	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	100507	01/17/25 09:49	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100550	01/17/25 19:12	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: CS-11 (4.5')**Lab Sample ID: 880-53344-11****Date Collected: 01/16/25 00:00****Matrix: Solid****Date Received: 01/17/25 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			5.02 g	5 mL	100503	01/17/25 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100489	01/17/25 16:03	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 16:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/17/25 21:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	100496	01/17/25 09:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100509	01/17/25 21:58	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	100507	01/17/25 09:49	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100550	01/17/25 19:18	CH	EET MID

Client Sample ID: CS-12 (4.5')**Lab Sample ID: 880-53344-12****Date Collected: 01/16/25 00:00****Matrix: Solid****Date Received: 01/17/25 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	100503	01/17/25 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100489	01/17/25 16:24	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 16:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/17/25 22:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	100496	01/17/25 09:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100509	01/17/25 22:13	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	100507	01/17/25 09:49	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100550	01/17/25 19:36	CH	EET MID

Client Sample ID: CS-13 (4.5')**Lab Sample ID: 880-53344-13****Date Collected: 01/16/25 00:00****Matrix: Solid****Date Received: 01/17/25 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			5.04 g	5 mL	100503	01/17/25 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100489	01/17/25 16:44	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 16:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/17/25 22:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	100496	01/17/25 09:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100509	01/17/25 22:29	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	100507	01/17/25 09:49	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100550	01/17/25 19:42	CH	EET MID

Client Sample ID: CS-14 (4.5')**Lab Sample ID: 880-53344-14****Date Collected: 01/16/25 00:00****Matrix: Solid****Date Received: 01/17/25 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			4.95 g	5 mL	100503	01/17/25 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100489	01/17/25 17:05	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 17:05	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: CS-14 (4.5')

Lab Sample ID: 880-53344-14

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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			100671	01/17/25 22:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	100496	01/17/25 09:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100509	01/17/25 22:45	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	100507	01/17/25 09:49	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100550	01/17/25 19:59	CH	EET MID

Client Sample ID: CS-15 (4.5')

Lab Sample ID: 880-53344-15

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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			4.99 g	5 mL	100503	01/17/25 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100489	01/17/25 17:25	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 17:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/17/25 23:01	SM	EET MID
Total/NA	Prep	8015NM Prep			1005 g	10 mL	100496	01/17/25 09:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100509	01/17/25 23:01	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	100507	01/17/25 09:49	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100550	01/17/25 20:05	CH	EET MID

Client Sample ID: CS-16 (4.5')

Lab Sample ID: 880-53344-16

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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	100503	01/17/25 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100489	01/17/25 17:46	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 17:46	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/17/25 23:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	100496	01/17/25 09:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100509	01/17/25 23:16	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	100507	01/17/25 09:49	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100550	01/17/25 20:11	CH	EET MID

Client Sample ID: CS-17 (4.5')

Lab Sample ID: 880-53344-17

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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			5.02 g	5 mL	100503	01/17/25 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100489	01/17/25 18:06	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 18:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/17/25 23:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	100496	01/17/25 09:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100509	01/17/25 23:32	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: CS-17 (4.5')

Date Collected: 01/16/25 00:00

Date Received: 01/17/25 08:15

Lab Sample ID: 880-53344-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	100507	01/17/25 09:49	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100550	01/17/25 20:17	CH	EET MID

Client Sample ID: CS-18 (4.5')

Date Collected: 01/16/25 00:00

Date Received: 01/17/25 08:15

Lab Sample ID: 880-53344-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	100503	01/17/25 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100489	01/17/25 18:27	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 18:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/17/25 23:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	100496	01/17/25 09:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100509	01/17/25 23:47	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	100507	01/17/25 09:49	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100550	01/17/25 20:23	CH	EET MID

Client Sample ID: CS-19 (4.5')

Date Collected: 01/16/25 00:00

Date Received: 01/17/25 08:15

Lab Sample ID: 880-53344-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	100503	01/17/25 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100489	01/17/25 18:47	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 18:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/18/25 00:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	100496	01/17/25 09:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100509	01/18/25 00:03	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	100507	01/17/25 09:49	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100550	01/17/25 20:29	CH	EET MID

Client Sample ID: CS-20 (4.5')

Date Collected: 01/16/25 00:00

Date Received: 01/17/25 08:15

Lab Sample ID: 880-53344-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	100503	01/17/25 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100489	01/17/25 19:08	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 19:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/18/25 00:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	100496	01/17/25 09:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100509	01/18/25 00:19	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	100507	01/17/25 09:49	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100550	01/17/25 20:35	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: CS-21 (4.5')

Lab Sample ID: 880-53344-21

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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	100505	01/17/25 09:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100490	01/17/25 12:16	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 12:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/20/25 23:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	100500	01/17/25 09:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100650	01/20/25 23:05	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	10 mL	100508	01/17/25 09:52	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100552	01/17/25 15:29	CH	EET MID

Client Sample ID: CS-22 (4.5')

Lab Sample ID: 880-53344-22

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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			4.99 g	5 mL	100505	01/17/25 09:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100490	01/17/25 12:36	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 12:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/20/25 23:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	100500	01/17/25 09:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100650	01/20/25 23:52	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	10 mL	100508	01/17/25 09:52	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100552	01/17/25 15:46	CH	EET MID

Client Sample ID: CS-23 (3.5')

Lab Sample ID: 880-53344-23

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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			5.02 g	5 mL	100505	01/17/25 09:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100490	01/17/25 12:56	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 12:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/21/25 00:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	100500	01/17/25 09:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100650	01/21/25 00:08	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	10 mL	100508	01/17/25 09:52	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100552	01/17/25 15:51	CH	EET MID

Client Sample ID: CS-24 (3.5')

Lab Sample ID: 880-53344-24

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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	100505	01/17/25 09:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100490	01/17/25 13:17	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 13:17	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: CS-24 (3.5')

Date Collected: 01/16/25 00:00

Date Received: 01/17/25 08:15

Lab Sample ID: 880-53344-24

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			100671	01/21/25 00:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	100500	01/17/25 09:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100650	01/21/25 00:24	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	10 mL	100508	01/17/25 09:52	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100552	01/17/25 15:57	CH	EET MID

Client Sample ID: CS-25 (3.5')

Date Collected: 01/16/25 00:00

Date Received: 01/17/25 08:15

Lab Sample ID: 880-53344-25

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	100505	01/17/25 09:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100490	01/17/25 13:37	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 13:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/21/25 00:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	100500	01/17/25 09:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100650	01/21/25 00:39	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	10 mL	100508	01/17/25 09:52	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100552	01/17/25 16:03	CH	EET MID

Client Sample ID: SW-1 (6.0')

Date Collected: 01/16/25 00:00

Date Received: 01/17/25 08:15

Lab Sample ID: 880-53344-26

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	100505	01/17/25 09:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100490	01/17/25 13:57	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 13:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/21/25 00:55	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	100500	01/17/25 09:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100650	01/21/25 00:55	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	10 mL	100508	01/17/25 09:52	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100552	01/17/25 16:20	CH	EET MID

Client Sample ID: SW-2 (4.5'')

Date Collected: 01/16/25 00:00

Date Received: 01/17/25 08:15

Lab Sample ID: 880-53344-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	100505	01/17/25 09:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100490	01/17/25 14:18	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 14:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/21/25 01:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	100500	01/17/25 09:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100650	01/21/25 01:11	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: SW-2 (4.5")

Lab Sample ID: 880-53344-27

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 08:15

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	10 mL	100508	01/17/25 09:52	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100552	01/17/25 16:25	CH	EET MID

Client Sample ID: SW-3 (6.0')

Lab Sample ID: 880-53344-28

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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	100505	01/17/25 09:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100490	01/17/25 14:38	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 14:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/21/25 01:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	100500	01/17/25 09:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100650	01/21/25 01:27	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	10 mL	100508	01/17/25 09:52	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100552	01/17/25 16:31	CH	EET MID

Client Sample ID: SW-4 (4.5")

Lab Sample ID: 880-53344-29

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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			4.99 g	5 mL	100505	01/17/25 09:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100490	01/17/25 14:59	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 14:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/21/25 01:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	100500	01/17/25 09:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100650	01/21/25 01:42	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	10 mL	100508	01/17/25 09:52	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100552	01/17/25 16:37	CH	EET MID

Client Sample ID: SW-5 (4.5')

Lab Sample ID: 880-53344-30

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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			5.02 g	5 mL	100505	01/17/25 09:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100490	01/17/25 15:19	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 15:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/21/25 01:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	100500	01/17/25 09:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100650	01/21/25 01:57	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	10 mL	100508	01/17/25 09:52	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100552	01/17/25 16:42	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: SW-6 (4.5')

Lab Sample ID: 880-53344-31

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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	100505	01/17/25 09:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100490	01/17/25 17:09	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 17:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/21/25 02:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	100500	01/17/25 09:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100650	01/21/25 02:29	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	10 mL	100508	01/17/25 09:52	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100552	01/17/25 16:48	CH	EET MID

Client Sample ID: SW-7 (4.5')

Lab Sample ID: 880-53344-32

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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	100505	01/17/25 09:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100490	01/17/25 17:29	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 17:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/21/25 02:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	100500	01/17/25 09:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100650	01/21/25 02:45	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	10 mL	100508	01/17/25 09:52	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100552	01/17/25 17:05	CH	EET MID

Client Sample ID: SW-8 (3.5')

Lab Sample ID: 880-53344-33

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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	100505	01/17/25 09:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100490	01/17/25 17:50	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 17:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/21/25 03:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	100500	01/17/25 09:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100650	01/21/25 03:00	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	10 mL	100508	01/17/25 09:52	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100552	01/17/25 17:11	CH	EET MID

Client Sample ID: SW-9 (3.5')

Lab Sample ID: 880-53344-34

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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	100505	01/17/25 09:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100490	01/17/25 18:10	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 18:10	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: SW-9 (3.5')

Lab Sample ID: 880-53344-34

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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			100671	01/21/25 03:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	100500	01/17/25 09:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100650	01/21/25 03:16	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	10 mL	100508	01/17/25 09:52	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100552	01/17/25 17:28	CH	EET MID

Client Sample ID: SW-10 (3.5')

Lab Sample ID: 880-53344-35

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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			5.02 g	5 mL	100505	01/17/25 09:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100490	01/17/25 18:30	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 18:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/21/25 03:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	100500	01/17/25 09:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100650	01/21/25 03:31	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	10 mL	100508	01/17/25 09:52	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100552	01/17/25 17:33	CH	EET MID

Client Sample ID: SW-11 (3.5')

Lab Sample ID: 880-53344-36

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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	100505	01/17/25 09:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100490	01/17/25 18:51	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 18:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/21/25 03:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	100500	01/17/25 09:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100650	01/21/25 03:47	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	10 mL	100508	01/17/25 09:52	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100552	01/17/25 17:39	CH	EET MID

Client Sample ID: SW-12 (4.5-6.0')

Lab Sample ID: 880-53344-37

Date Collected: 01/16/25 00:00

Matrix: Solid

Date Received: 01/17/25 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	100505	01/17/25 09:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100490	01/17/25 19:11	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 19:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/21/25 04:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	100500	01/17/25 09:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100650	01/21/25 04:02	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Client Sample ID: SW-12 (4.5-6.0')**Lab Sample ID: 880-53344-37****Date Collected: 01/16/25 00:00****Matrix: Solid****Date Received: 01/17/25 08:15**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	10 mL	100508	01/17/25 09:52	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100552	01/17/25 17:45	CH	EET MID

Client Sample ID: SW-13 (4.5')**Lab Sample ID: 880-53344-38****Date Collected: 01/16/25 00:00****Matrix: Solid****Date Received: 01/17/25 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			4.99 g	5 mL	100505	01/17/25 09:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100490	01/17/25 19:32	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 19:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/21/25 04:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	100500	01/17/25 09:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100650	01/21/25 04:18	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	10 mL	100508	01/17/25 09:52	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100552	01/17/25 17:50	CH	EET MID

Client Sample ID: SW-14 (6.0')**Lab Sample ID: 880-53344-39****Date Collected: 01/16/25 00:00****Matrix: Solid****Date Received: 01/17/25 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			5.02 g	5 mL	100505	01/17/25 09:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100490	01/17/25 19:52	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 19:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/21/25 04:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	100500	01/17/25 09:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100650	01/21/25 04:32	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	10 mL	100508	01/17/25 09:52	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100552	01/17/25 17:56	CH	EET MID

Client Sample ID: SW-15 (4.5')**Lab Sample ID: 880-53344-40****Date Collected: 01/16/25 00:00****Matrix: Solid****Date Received: 01/17/25 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	100505	01/17/25 09:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	100490	01/17/25 20:13	EL	EET MID
Total/NA	Analysis	Total BTEX		1			100673	01/17/25 20:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			100671	01/21/25 04:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	100500	01/17/25 09:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100650	01/21/25 04:47	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	10 mL	100508	01/17/25 09:52	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100552	01/17/25 18:02	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

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

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Laboratory: Eurofins Midland

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

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

Method Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

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

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53344-1
SDG: Eddy Co,NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-53344-1	CS-1 (6.0')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-2	CS-2 (6.0')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-3	CS-3 (6.0')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-4	CS-4 (6.0')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-5	CS-5 (6.0')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-6	CS-6 (6.0')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-7	CS-7 (6.0')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-8	CS-8 (6.0')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-9	CS-9 (4.5')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-10	CS-10 (4.5')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-11	CS-11 (4.5')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-12	CS-12 (4.5')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-13	CS-13 (4.5')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-14	CS-14 (4.5')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-15	CS-15 (4.5')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-16	CS-16 (4.5')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-17	CS-17 (4.5')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-18	CS-18 (4.5')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-19	CS-19 (4.5')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-20	CS-20 (4.5')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-21	CS-21 (4.5')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-22	CS-22 (4.5')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-23	CS-23 (3.5')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-24	CS-24 (3.5')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-25	CS-25 (3.5')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-26	SW-1 (6.0')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-27	SW-2 (4.5")	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-28	SW-3 (6.0')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-29	SW-4 (4.5")	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-30	SW-5 (4.5')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-31	SW-6 (4.5')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-32	SW-7 (4.5')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-33	SW-8 (3.5')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-34	SW-9 (3.5')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-35	SW-10 (3.5')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-36	SW-11 (3.5')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-37	SW-12 (4.5-6.0')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-38	SW-13 (4.5')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-39	SW-14 (6.0')	Solid	01/16/25 00:00	01/17/25 08:15
880-53344-40	SW-15 (4.5')	Solid	01/16/25 00:00	01/17/25 08:15

Chain of Custody



880-53344 Chain of Custody

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

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

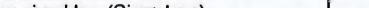
Project Name:		Greenwood PGU #4 Battery		Turn Around				ANALYSIS REQUEST												Preservative Codes					
Project Number:		2565		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O					
Project Location		Eddy Co, NM		Due Date:		48 Hour														Cool: Cool MeOH: Me					
Sampler's Name:		JDC		TAT starts the day received by the lab, if received by 4:30pm																HCL: HC HNO ₃ : HN					
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na					
SAMPLE RECEIPT		Temp Blank:		Yes ☒ No ☐		Wet Ice:		Yes ☒ No ☐		Parameters														H ₃ PO ₄ : HP	
Received Intact:		Yes ☒ No ☐		Thermometer ID:		IR-8				BTEX 8021B														NaHSO ₄ : NABIS	
Cooler Custody Seals:		Yes ☒ No ☐ N/A		Correction Factor:		-0.1				TPH 8015M (GRO + DRO + MRO)														Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:		Yes ☒ No ☐ N/A		Temperature Reading:		-1.7				Chloride 300.0														Zn Acetate+NaOH: Zn	
Total Containers:				Corrected Temperature:		-1.8																		NaOH+Ascorbic Acid: SAPC	
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments					
CS-1 (6.0')		1/16/2025		X		Comp	1	X	X	X															
CS-2 (6.0')		1/16/2025		X		Comp	1	X	X	X															
CS-3 (6.0')		1/16/2025		X		Comp	1	X	X	X															
CS-4 (6.0')		1/16/2025		X		Comp	1	X	X	X															
CS-5 (6.0')		1/16/2025		X		Comp	1	X	X	X															
CS-6 (6.0')		1/16/2025		X		Comp	1	X	X	X															
CS-7 (6.0')		1/16/2025		X		Comp	1	X	X	X															
CS-8 (6.0')		1/16/2025		X		Comp	1	X	X	X															
CS-9 (4.5')		1/16/2025		X		Comp	1	X	X	X															
CS-10 (4.5')		1/16/2025		X		Comp	1	X	X	X															

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	Teddy Randall	1/17/25 0813	2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

344

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
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Revised Date 05012020 Rev. 2020.1

Chain of Custody

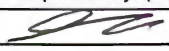
Work Order No: 344Page 3 of 4

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

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

Project Name:		Greenwood PGU #4 Battery		Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes								
Project Number:		2565		☐ Routine ☒ Rush			Parameters	BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 300.0																None: NO		DI Water: H ₂ O					
Project Location		Eddy Co, NM		Due Date:																				48 Hour		Cool: Cool		MeOH: Me			
Sampler's Name:		JDC		TAT starts the day received by the lab, if received by 4:30pm																						HCL: HC		HNO ₃ : HN			
PO #:																								H ₂ SO ₄ : H ₂		NaOH: Na					
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No																		H ₃ PO ₄ : HP					
Received Intact:		Yes No		N/A		Thermometer ID:																				NaHSO ₄ : NABIS					
Cooler Custody Seals:		Yes No		N/A		Correction Factor:																				Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:		Yes No		N/A		Temperature Reading:																				Zn Acetate+NaOH: Zn					
Total Containers:						Corrected Temperature:																				NaOH+Ascorbic Acid: SAPC					
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont																		Sample Comments	
CS-21 (4.5')		1/16/2025				X				Comp		1		X X X																	
CS-22 (4.5')		1/16/2025				X				Comp		1		X X X																	
CS-23 (3.5')		1/16/2025				X				Comp		1		X X X																	
CS-24 (3.5')		1/16/2025				X				Comp		1		X X X																	
CS-25 (3.5')		1/16/2025				X				Comp		1		X X X																	
SW-1 (6.0')		1/16/2025				X				Comp		1		X X X																	
SW-2 (4.5')		1/16/2025				X				Comp		1		X X X																	
SW-3 (6.0')		1/16/2025				X				Comp		1		X X X																	
SW-4 (4.5')		1/16/2025				X				Comp		1		X X X																	
SW-5 (4.5')		1/16/2025				X				Comp		1		X X X																	

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

Relinquished by: (Signature)		Received by: (Signature)		Date/Time		Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
1 		Teddy Randall Lee		1/17/25 0815		2					
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Revised Date 05012020 Rev. 2020.1

Chain of Custody

Work Order No:

344

Page 4 of 4

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

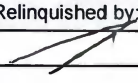
Work Order Comments									
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐									
State of Project:									
Reporting: Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐									
Deliverables: EDD ☐ ADaPT ☐ Other:									

Project Name:	Greenwood PGU #4 Battery	Turn Around		Pres. Code	ANALYSIS REQUEST															Preservative Codes		
Project Number:	2565	☐ Routine ☒ Rush																	None: NO	DI Water: H ₂ O		
Project Location	Eddy Co, NM	Due Date:	48 Hour	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0												Cool: Cool	MeOH: Me		
Sampler's Name:	JDC	TAT starts the day received by the lab, if received by 4:30pm																	HCL: HC	HNO ₃ : HN		
PO #:																			H ₂ SO ₄ : H ₂	NaOH: Na		
																			H ₃ PO ₄ : HP			
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	Yes No																Sample Comments	
Received Intact:	Yes No	Thermometer ID:																				
Cooler Custody Seals:	Yes No N/A	Correction Factor:																				
Sample Custody Seals:	Yes No N/A	Temperature Reading:																				
Total Containers:		Corrected Temperature:																				

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont														
SW-6 (4.5')	1/16/2025		X		Comp	1	X	X	X											
SW-7 (4.5')	1/16/2025		X		Comp	1	X	X	X											
SW-8 (3.5')	1/16/2025		X		Comp	1	X	X	X											
SW-9 (3.5')	1/16/2025		X		Comp	1	X	X	X											
SW-10 (3.5')	1/16/2025		X		Comp	1	X	X	X											
SW-11 (3.5')	1/16/2025		X		Comp	1	X	X	X											
SW-12 (4.5-6.0')	1/16/2025		X		Comp	1	X	X	X											
SW-13 (4.5')	1/16/2025		X		Comp	1	X	X	X											
SW-14 (6.0')	1/16/2025		X		Comp	1	X	X	X											
SW-15 (4.5')	1/16/2025		X		Comp	1	X	X	X											

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com																			
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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		1/17/25 0815	2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-53344-1

SDG Number: Eddy Co,NM

Login Number: 53344

List Number: 1

Creator: Vasquez, Julisa

List Source: Eurofins Midland

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 1/27/2025 4:44:34 PM

JOB DESCRIPTION

Greenwood PGU #4 Battery
Eddy Co, NM

JOB NUMBER

880-53643-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization



Generated
1/27/2025 4:44:34 PM

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

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Laboratory Job ID: 880-53643-1
SDG: Eddy Co, NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53643-1
SDG: Eddy Co, NM

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

HPLC/IC

Qualifier	Qualifier Description
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: Greenwood PGU #4 Battery

Job ID: 880-53643-1

Job ID: 880-53643-1

Eurofins Midland

Job Narrative
880-53643-1

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

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

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

Receipt

The samples were received on 1/24/2025 3:40 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-7 (6.25') (880-53643-1), CS-24 (4.0') (880-53643-2) and SW-4 (4.5') (880-53643-3).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-101105 and analytical batch 880-101085 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

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-101239 and analytical batch 880-101253 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 samples were outside control limits: CS-7 (6.25') (880-53643-1), SW-4 (4.5') (880-53643-3) and (880-53643-A-1-D MS). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: CS-24 (4.0') (880-53643-2). Percent recoveries are based on the amount spiked.

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

HPLC/IC

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53643-1
SDG: Eddy Co, NM

Client Sample ID: CS-7 (6.25')

Lab Sample ID: 880-53643-1

Date Collected: 01/24/25 00:00

Matrix: Solid

Date Received: 01/24/25 15:40

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		01/24/25 16:31	01/24/25 19:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/24/25 16:31	01/24/25 19:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/24/25 16:31	01/24/25 19:15	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/24/25 16:31	01/24/25 19:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/24/25 16:31	01/24/25 19:15	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/24/25 16:31	01/24/25 19:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	01/24/25 16:31	01/24/25 19:15	1
1,4-Difluorobenzene (Surr)	99		70 - 130	01/24/25 16:31	01/24/25 19:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/24/25 19:15	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			01/27/25 10:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/27/25 08:14	01/27/25 10:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		01/27/25 08:14	01/27/25 10:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/27/25 08:14	01/27/25 10:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	156	S1+	70 - 130	01/27/25 08:14	01/27/25 10:49	1
o-Terphenyl	126		70 - 130	01/27/25 08:14	01/27/25 10:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	106		9.90		mg/Kg			01/27/25 11:46	1

Client Sample ID: CS-24 (4.0')

Lab Sample ID: 880-53643-2

Date Collected: 01/24/25 00:00

Matrix: Solid

Date Received: 01/24/25 15:40

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		01/24/25 16:31	01/24/25 19:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/24/25 16:31	01/24/25 19:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/24/25 16:31	01/24/25 19:35	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/24/25 16:31	01/24/25 19:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/24/25 16:31	01/24/25 19:35	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/24/25 16:31	01/24/25 19:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	01/24/25 16:31	01/24/25 19:35	1
1,4-Difluorobenzene (Surr)	96		70 - 130	01/24/25 16:31	01/24/25 19:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53643-1
SDG: Eddy Co, NM

Client Sample ID: CS-24 (4.0')

Lab Sample ID: 880-53643-2

Date Collected: 01/24/25 00:00

Matrix: Solid

Date Received: 01/24/25 15:40

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			01/24/25 19:35	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			01/27/25 11:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/27/25 08:14	01/27/25 11:35	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/27/25 08:14	01/27/25 11:35	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/27/25 08:14	01/27/25 11:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	161	S1+	70 - 130				01/27/25 08:14	01/27/25 11:35	1
o-Terphenyl	132	S1+	70 - 130				01/27/25 08:14	01/27/25 11:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			01/27/25 11:52	1

Client Sample ID: SW-4 (4.5')

Lab Sample ID: 880-53643-3

Date Collected: 01/24/25 00:00

Matrix: Solid

Date Received: 01/24/25 15:40

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		01/24/25 16:31	01/24/25 19:56	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/24/25 16:31	01/24/25 19:56	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/24/25 16:31	01/24/25 19:56	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/24/25 16:31	01/24/25 19:56	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/24/25 16:31	01/24/25 19:56	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/24/25 16:31	01/24/25 19:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				01/24/25 16:31	01/24/25 19:56	1
1,4-Difluorobenzene (Surr)	100		70 - 130				01/24/25 16:31	01/24/25 19:56	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			01/24/25 19:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			01/27/25 11:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/27/25 08:14	01/27/25 11:51	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/27/25 08:14	01/27/25 11:51	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53643-1
SDG: Eddy Co, NM

Client Sample ID: SW-4 (4.5')
Date Collected: 01/24/25 00:00
Date Received: 01/24/25 15:40

Lab Sample ID: 880-53643-3
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/27/25 08:14	01/27/25 11:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	144	S1+	70 - 130				01/27/25 08:14	01/27/25 11:51	1
o-Terphenyl	123		70 - 130				01/27/25 08:14	01/27/25 11:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	145		10.0		mg/Kg			01/27/25 11:58	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53643-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-53643-1	CS-7 (6.25')	107	99
880-53643-2	CS-24 (4.0')	111	96
880-53643-3	SW-4 (4.5')	109	100
890-7597-A-8-C MS	Matrix Spike	99	100
890-7597-A-8-D MSD	Matrix Spike Duplicate	100	101
LCS 880-101105/1-A	Lab Control Sample	98	99
LCSD 880-101105/2-A	Lab Control Sample Dup	100	100
MB 880-101105/5-A	Method Blank	99	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)
880-53643-1	CS-7 (6.25')	156 S1+	126
880-53643-1 MS	CS-7 (6.25')	140 S1+	130
880-53643-1 MSD	CS-7 (6.25')	143 S1+	139 S1+
880-53643-2	CS-24 (4.0')	161 S1+	132 S1+
880-53643-3	SW-4 (4.5')	144 S1+	123
LCS 880-101239/2-A	Lab Control Sample	122	126
LCSD 880-101239/3-A	Lab Control Sample Dup	118	108
MB 880-101239/1-A	Method Blank	130	108
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53643-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-101105/5-A

Matrix: Solid

Analysis Batch: 101085

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101105

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/24/25 09:01	01/24/25 11:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/24/25 09:01	01/24/25 11:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/24/25 09:01	01/24/25 11:32	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/24/25 09:01	01/24/25 11:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/24/25 09:01	01/24/25 11:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/24/25 09:01	01/24/25 11:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	01/24/25 09:01	01/24/25 11:32	1
1,4-Difluorobenzene (Surr)	93		70 - 130	01/24/25 09:01	01/24/25 11:32	1

Lab Sample ID: LCS 880-101105/1-A

Matrix: Solid

Analysis Batch: 101085

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101105

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09001		mg/Kg		90	70 - 130
Toluene	0.100	0.09254		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.09533		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	0.200	0.1782		mg/Kg		89	70 - 130
o-Xylene	0.100	0.09116		mg/Kg		91	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-101105/2-A

Matrix: Solid

Analysis Batch: 101085

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101105

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09352		mg/Kg		94	70 - 130	4	35
Toluene	0.100	0.09546		mg/Kg		95	70 - 130	3	35
Ethylbenzene	0.100	0.09895		mg/Kg		99	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1866		mg/Kg		93	70 - 130	5	35
o-Xylene	0.100	0.09441		mg/Kg		94	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-7597-A-8-C MS

Matrix: Solid

Analysis Batch: 101085

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 101105

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.06900	F1	mg/Kg		69	70 - 130
Toluene	<0.00200	U F1	0.100	0.06676	F1	mg/Kg		67	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53643-1
SDG: Eddy Co, NM

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

Lab Sample ID: 890-7597-A-8-C MS

Matrix: Solid

Analysis Batch: 101085

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 101105

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U F2 F1	0.100	0.06438	F1	mg/Kg		64	70 - 130
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.200	0.1187	F1	mg/Kg		59	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.06025	F1	mg/Kg		60	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-7597-A-8-D MSD

Matrix: Solid

Analysis Batch: 101085

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 101105

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	0.05443	F1	mg/Kg		54	70 - 130	24	35
Toluene	<0.00200	U F1	0.100	0.04923	F1	mg/Kg		49	70 - 130	30	35
Ethylbenzene	<0.00200	U F2 F1	0.100	0.04396	F2 F1	mg/Kg		44	70 - 130	38	35
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.200	0.07971	F2 F1	mg/Kg		40	70 - 130	39	35
o-Xylene	<0.00200	U F1	0.100	0.04654	F1	mg/Kg		47	70 - 130	26	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

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

Lab Sample ID: MB 880-101239/1-A

Matrix: Solid

Analysis Batch: 101253

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101239

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		01/27/25 08:14	01/27/25 09:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/27/25 08:14	01/27/25 09:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/27/25 08:14	01/27/25 09:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130	01/27/25 08:14	01/27/25 09:18	1
o-Terphenyl	108		70 - 130	01/27/25 08:14	01/27/25 09:18	1

Lab Sample ID: LCS 880-101239/2-A

Matrix: Solid

Analysis Batch: 101253

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101239

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1003		mg/Kg		100	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1138		mg/Kg		114	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53643-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-101239/2-A

Matrix: Solid

Analysis Batch: 101253

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101239

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	122		70 - 130
o-Terphenyl	126		70 - 130

Lab Sample ID: LCSD 880-101239/3-A

Matrix: Solid

Analysis Batch: 101253

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101239

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1060		mg/Kg		106	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1000	1007		mg/Kg		101	70 - 130	12	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	118		70 - 130
o-Terphenyl	108		70 - 130

Lab Sample ID: 880-53643-1 MS

Matrix: Solid

Analysis Batch: 101253

Client Sample ID: CS-7 (6.25')

Prep Type: Total/NA

Prep Batch: 101239

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1162		mg/Kg		116	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U F1	998	1335	F1	mg/Kg		134	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	140	S1+	70 - 130
o-Terphenyl	130		70 - 130

Lab Sample ID: 880-53643-1 MSD

Matrix: Solid

Analysis Batch: 101253

Client Sample ID: CS-7 (6.25')

Prep Type: Total/NA

Prep Batch: 101239

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1237		mg/Kg		124	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	998	1459	F1	mg/Kg		146	70 - 130	9	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	143	S1+	70 - 130
o-Terphenyl	139	S1+	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53643-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-101235/1-A

Matrix: Solid

Analysis Batch: 101246

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			01/27/25 09:12	1

Lab Sample ID: LCS 880-101235/2-A

Matrix: Solid

Analysis Batch: 101246

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	237.2		mg/Kg		95	90 - 110

Lab Sample ID: LCSD 880-101235/3-A

Matrix: Solid

Analysis Batch: 101246

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	237.5		mg/Kg		95	90 - 110	0	20

Lab Sample ID: 880-53642-A-2-C MS

Matrix: Solid

Analysis Batch: 101246

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	144		251	387.2		mg/Kg		97	90 - 110

Lab Sample ID: 880-53642-A-2-D MSD

Matrix: Solid

Analysis Batch: 101246

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	144		251	386.9		mg/Kg		97	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53643-1
SDG: Eddy Co, NM

GC VOA

Analysis Batch: 101085

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53643-1	CS-7 (6.25')	Total/NA	Solid	8021B	101105
880-53643-2	CS-24 (4.0')	Total/NA	Solid	8021B	101105
880-53643-3	SW-4 (4.5')	Total/NA	Solid	8021B	101105
MB 880-101105/5-A	Method Blank	Total/NA	Solid	8021B	101105
LCS 880-101105/1-A	Lab Control Sample	Total/NA	Solid	8021B	101105
LCSD 880-101105/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	101105
890-7597-A-8-C MS	Matrix Spike	Total/NA	Solid	8021B	101105
890-7597-A-8-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	101105

Prep Batch: 101105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53643-1	CS-7 (6.25')	Total/NA	Solid	5035	
880-53643-2	CS-24 (4.0')	Total/NA	Solid	5035	
880-53643-3	SW-4 (4.5')	Total/NA	Solid	5035	
MB 880-101105/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-101105/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-101105/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7597-A-8-C MS	Matrix Spike	Total/NA	Solid	5035	
890-7597-A-8-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 101297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53643-1	CS-7 (6.25')	Total/NA	Solid	Total BTEX	
880-53643-2	CS-24 (4.0')	Total/NA	Solid	Total BTEX	
880-53643-3	SW-4 (4.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 101239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53643-1	CS-7 (6.25')	Total/NA	Solid	8015NM Prep	
880-53643-2	CS-24 (4.0')	Total/NA	Solid	8015NM Prep	
880-53643-3	SW-4 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-101239/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-101239/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-101239/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-53643-1 MS	CS-7 (6.25')	Total/NA	Solid	8015NM Prep	
880-53643-1 MSD	CS-7 (6.25')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 101253

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53643-1	CS-7 (6.25')	Total/NA	Solid	8015B NM	101239
880-53643-2	CS-24 (4.0')	Total/NA	Solid	8015B NM	101239
880-53643-3	SW-4 (4.5')	Total/NA	Solid	8015B NM	101239
MB 880-101239/1-A	Method Blank	Total/NA	Solid	8015B NM	101239
LCS 880-101239/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	101239
LCSD 880-101239/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	101239
880-53643-1 MS	CS-7 (6.25')	Total/NA	Solid	8015B NM	101239
880-53643-1 MSD	CS-7 (6.25')	Total/NA	Solid	8015B NM	101239

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53643-1
SDG: Eddy Co, NM

GC Semi VOA

Analysis Batch: 101304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53643-1	CS-7 (6.25')	Total/NA	Solid	8015 NM	
880-53643-2	CS-24 (4.0')	Total/NA	Solid	8015 NM	
880-53643-3	SW-4 (4.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 101235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53643-1	CS-7 (6.25')	Soluble	Solid	DI Leach	
880-53643-2	CS-24 (4.0')	Soluble	Solid	DI Leach	
880-53643-3	SW-4 (4.5')	Soluble	Solid	DI Leach	
MB 880-101235/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-101235/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-101235/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-53642-A-2-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-53642-A-2-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 101246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53643-1	CS-7 (6.25')	Soluble	Solid	300.0	101235
880-53643-2	CS-24 (4.0')	Soluble	Solid	300.0	101235
880-53643-3	SW-4 (4.5')	Soluble	Solid	300.0	101235
MB 880-101235/1-A	Method Blank	Soluble	Solid	300.0	101235
LCS 880-101235/2-A	Lab Control Sample	Soluble	Solid	300.0	101235
LCSD 880-101235/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	101235
880-53642-A-2-C MS	Matrix Spike	Soluble	Solid	300.0	101235
880-53642-A-2-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	101235

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53643-1
SDG: Eddy Co, NM

Client Sample ID: CS-7 (6.25')

Lab Sample ID: 880-53643-1

Date Collected: 01/24/25 00:00

Matrix: Solid

Date Received: 01/24/25 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	101105	01/24/25 16:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101085	01/24/25 19:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101297	01/24/25 19:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			101304	01/27/25 10:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	101239	01/27/25 08:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101253	01/27/25 10:49	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	101235	01/27/25 07:54	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101246	01/27/25 11:46	CH	EET MID

Client Sample ID: CS-24 (4.0')

Lab Sample ID: 880-53643-2

Date Collected: 01/24/25 00:00

Matrix: Solid

Date Received: 01/24/25 15:40

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	101105	01/24/25 16:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101085	01/24/25 19:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101297	01/24/25 19:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			101304	01/27/25 11:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101239	01/27/25 08:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101253	01/27/25 11:35	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	101235	01/27/25 07:54	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101246	01/27/25 11:52	CH	EET MID

Client Sample ID: SW-4 (4.5')

Lab Sample ID: 880-53643-3

Date Collected: 01/24/25 00:00

Matrix: Solid

Date Received: 01/24/25 15:40

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	101105	01/24/25 16:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101085	01/24/25 19:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101297	01/24/25 19:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			101304	01/27/25 11:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	101239	01/27/25 08:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101253	01/27/25 11:51	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	101235	01/27/25 07:54	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101246	01/27/25 11:58	CH	EET MID

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53643-1
SDG: Eddy Co, NM

Laboratory: Eurofins Midland

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

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

Method Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53643-1
SDG: Eddy Co, NM

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

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53643-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-53643-1	CS-7 (6.25')	Solid	01/24/25 00:00	01/24/25 15:40
880-53643-2	CS-24 (4.0')	Solid	01/24/25 00:00	01/24/25 15:40
880-53643-3	SW-4 (4.5')	Solid	01/24/25 00:00	01/24/25 15:40

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V

880-53643 Chain of Custody

Page 1 of 1

[illegible]

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-53643-1

SDG Number: Eddy Co, NM

Login Number: 53643

List Number: 1

Creator: Vasquez, Julisa

List Source: Eurofins Midland

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 1/29/2025 3:54:17 PM

JOB DESCRIPTION

Greenwood PGU #4 Battery
Eddy Co, NM

JOB NUMBER

880-53696-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization



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1/29/2025 3:54:17 PM

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

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Laboratory Job ID: 880-53696-1
SDG: Eddy Co, NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53696-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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: Greenwood PGU #4 Battery

Job ID: 880-53696-1

Job ID: 880-53696-1

Eurofins Midland

Job Narrative 880-53696-1

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

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

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

Receipt

The sample was received on 1/28/2025 8:00 AM. 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 -4.2°C.

GC VOA

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

Diesel Range Organics

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-101340 and analytical batch 880-101350 was outside the upper control limits.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (890-7605-A-10-A), (890-7605-A-10-B MS) and (890-7605-A-10-C MSD). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: Backfill Sample - 1 (880-53696-1). 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.

HPLC/IC

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53696-1
SDG: Eddy Co, NM

Client Sample ID: Backfill Sample - 1

Lab Sample ID: 880-53696-1

Date Collected: 01/27/25 00:00

Matrix: Solid

Date Received: 01/28/25 08:00

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		01/28/25 08:35	01/28/25 14:01	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/28/25 08:35	01/28/25 14:01	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/28/25 08:35	01/28/25 14:01	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		01/28/25 08:35	01/28/25 14:01	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/28/25 08:35	01/28/25 14:01	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/28/25 08:35	01/28/25 14:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	01/28/25 08:35	01/28/25 14:01	1
1,4-Difluorobenzene (Surr)	98		70 - 130	01/28/25 08:35	01/28/25 14:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			01/28/25 14:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			01/28/25 12:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/28/25 08:12	01/28/25 12:46	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/28/25 08:12	01/28/25 12:46	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/28/25 08:12	01/28/25 12:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	153	S1+	70 - 130	01/28/25 08:12	01/28/25 12:46	1
o-Terphenyl	127		70 - 130	01/28/25 08:12	01/28/25 12:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.0		9.92		mg/Kg			01/29/25 11:21	1

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53696-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-53696-1	Backfill Sample - 1	100	98
890-7605-A-13-B MS	Matrix Spike	96	100
890-7605-A-13-C MSD	Matrix Spike Duplicate	97	101
LCS 880-101343/1-A	Lab Control Sample	95	100
LCSD 880-101343/2-A	Lab Control Sample Dup	109	98
MB 880-101343/5-A	Method Blank	95	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)
880-53696-1	Backfill Sample - 1	153 S1+	127
890-7605-A-10-B MS	Matrix Spike	147 S1+	143 S1+
890-7605-A-10-C MSD	Matrix Spike Duplicate	147 S1+	142 S1+
LCS 880-101340/2-A	Lab Control Sample	122	112
LCSD 880-101340/3-A	Lab Control Sample Dup	124	114
MB 880-101340/1-A	Method Blank	164 S1+	135 S1+
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53696-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-101343/5-A

Matrix: Solid

Analysis Batch: 101240

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101343

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/28/25 08:15	01/28/25 11:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/28/25 08:15	01/28/25 11:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/28/25 08:15	01/28/25 11:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/28/25 08:15	01/28/25 11:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/28/25 08:15	01/28/25 11:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/28/25 08:15	01/28/25 11:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	01/28/25 08:15	01/28/25 11:15	1
1,4-Difluorobenzene (Surr)	94		70 - 130	01/28/25 08:15	01/28/25 11:15	1

Lab Sample ID: LCS 880-101343/1-A

Matrix: Solid

Analysis Batch: 101240

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101343

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09541		mg/Kg		95	70 - 130
Toluene	0.100	0.1022		mg/Kg		102	70 - 130
Ethylbenzene	0.100	0.1057		mg/Kg		106	70 - 130
m-Xylene & p-Xylene	0.200	0.1897		mg/Kg		95	70 - 130
o-Xylene	0.100	0.1066		mg/Kg		107	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-101343/2-A

Matrix: Solid

Analysis Batch: 101240

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101343

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09888		mg/Kg		99	70 - 130	4	35
Toluene	0.100	0.1068		mg/Kg		107	70 - 130	4	35
Ethylbenzene	0.100	0.1085		mg/Kg		108	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1958		mg/Kg		98	70 - 130	3	35
o-Xylene	0.100	0.1097		mg/Kg		110	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 890-7605-A-13-B MS

Matrix: Solid

Analysis Batch: 101240

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 101343

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09483		mg/Kg		95	70 - 130
Toluene	<0.00200	U	0.100	0.09875		mg/Kg		99	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53696-1
SDG: Eddy Co, NM

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

Lab Sample ID: 890-7605-A-13-B MS

Matrix: Solid

Analysis Batch: 101240

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 101343

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.09901		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1764		mg/Kg		88	70 - 130
o-Xylene	<0.00200	U	0.100	0.09740		mg/Kg		97	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-7605-A-13-C MSD

Matrix: Solid

Analysis Batch: 101240

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 101343

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	0.09940		mg/Kg		99	70 - 130	5	35
Toluene	<0.00200	U	0.100	0.1031		mg/Kg		103	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.100	0.1040		mg/Kg		104	70 - 130	5	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1838		mg/Kg		92	70 - 130	4	35
o-Xylene	<0.00200	U	0.100	0.1039		mg/Kg		104	70 - 130	6	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 880-101340/1-A

Matrix: Solid

Analysis Batch: 101350

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101340

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		01/28/25 08:12	01/28/25 01:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/25 08:12	01/28/25 01:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/25 08:12	01/28/25 01:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	164	S1+	70 - 130	01/28/25 08:12	01/28/25 01:04	1
o-Terphenyl	135	S1+	70 - 130	01/28/25 08:12	01/28/25 01:04	1

Lab Sample ID: LCS 880-101340/2-A

Matrix: Solid

Analysis Batch: 101350

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101340

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1076		mg/Kg		108	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1063		mg/Kg		106	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53696-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-101340/2-A

Matrix: Solid

Analysis Batch: 101350

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101340

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	122		70 - 130
o-Terphenyl	112		70 - 130

Lab Sample ID: LCSD 880-101340/3-A

Matrix: Solid

Analysis Batch: 101350

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101340

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1111		mg/Kg		111	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	1070		mg/Kg		107	70 - 130	1	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	124		70 - 130
o-Terphenyl	114		70 - 130

Lab Sample ID: 890-7605-A-10-B MS

Matrix: Solid

Analysis Batch: 101350

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 101340

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	1041		mg/Kg		105	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	995	1155		mg/Kg		113	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	147	S1+	70 - 130
o-Terphenyl	143	S1+	70 - 130

Lab Sample ID: 890-7605-A-10-C MSD

Matrix: Solid

Analysis Batch: 101350

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 101340

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	1011		mg/Kg		102	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<50.0	U	995	1148		mg/Kg		112	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	147	S1+	70 - 130
o-Terphenyl	142	S1+	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53696-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-101437/1-A
Matrix: Solid
Analysis Batch: 101449

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			01/29/25 10:21	1

Lab Sample ID: LCS 880-101437/2-A
Matrix: Solid
Analysis Batch: 101449

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	244.0		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-101437/3-A
Matrix: Solid
Analysis Batch: 101449

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	244.4		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 890-7606-A-23-D MS
Matrix: Solid
Analysis Batch: 101449

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	211		248	477.4		mg/Kg		107	90 - 110

Lab Sample ID: 890-7606-A-23-E MSD
Matrix: Solid
Analysis Batch: 101449

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	211		248	478.5		mg/Kg		108	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53696-1
SDG: Eddy Co, NM

GC VOA

Analysis Batch: 101240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53696-1	Backfill Sample - 1	Total/NA	Solid	8021B	101343
MB 880-101343/5-A	Method Blank	Total/NA	Solid	8021B	101343
LCS 880-101343/1-A	Lab Control Sample	Total/NA	Solid	8021B	101343
LCSD 880-101343/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	101343
890-7605-A-13-B MS	Matrix Spike	Total/NA	Solid	8021B	101343
890-7605-A-13-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	101343

Prep Batch: 101343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53696-1	Backfill Sample - 1	Total/NA	Solid	5035	
MB 880-101343/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-101343/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-101343/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7605-A-13-B MS	Matrix Spike	Total/NA	Solid	5035	
890-7605-A-13-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 101409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53696-1	Backfill Sample - 1	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 101340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53696-1	Backfill Sample - 1	Total/NA	Solid	8015NM Prep	
MB 880-101340/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-101340/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-101340/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7605-A-10-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7605-A-10-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 101350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53696-1	Backfill Sample - 1	Total/NA	Solid	8015B NM	101340
MB 880-101340/1-A	Method Blank	Total/NA	Solid	8015B NM	101340
LCS 880-101340/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	101340
LCSD 880-101340/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	101340
890-7605-A-10-B MS	Matrix Spike	Total/NA	Solid	8015B NM	101340
890-7605-A-10-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	101340

Analysis Batch: 101458

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53696-1	Backfill Sample - 1	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 101437

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53696-1	Backfill Sample - 1	Soluble	Solid	DI Leach	
MB 880-101437/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-101437/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-101437/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53696-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Leach Batch: 101437 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7606-A-23-D MS	Matrix Spike	Soluble	Solid	DI Leach	
890-7606-A-23-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 101449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53696-1	Backfill Sample - 1	Soluble	Solid	300.0	101437
MB 880-101437/1-A	Method Blank	Soluble	Solid	300.0	101437
LCS 880-101437/2-A	Lab Control Sample	Soluble	Solid	300.0	101437
LCSD 880-101437/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	101437
890-7606-A-23-D MS	Matrix Spike	Soluble	Solid	300.0	101437
890-7606-A-23-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	101437

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53696-1
SDG: Eddy Co, NM

Client Sample ID: Backfill Sample - 1
Date Collected: 01/27/25 00:00
Date Received: 01/28/25 08:00

Lab Sample ID: 880-53696-1
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			4.95 g	5 mL	101343	01/28/25 08:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101240	01/28/25 14:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101409	01/28/25 14:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101458	01/28/25 12:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	101340	01/28/25 08:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101350	01/28/25 12:46	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	101437	01/29/25 08:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101449	01/29/25 11:21	CH	EET MID

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53696-1
SDG: Eddy Co, NM

Laboratory: Eurofins Midland

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

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

Method Summary

Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53696-1
SDG: Eddy Co, NM

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

Protocol References:

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

Laboratory References:

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

Sample Summary

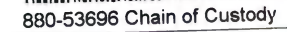
Client: Carmona Resources
Project/Site: Greenwood PGU #4 Battery

Job ID: 880-53696-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-53696-1	Backfill Sample - 1	Solid	01/27/25 00:00	01/28/25 08:00

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

Wc



Page 1 of 1

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:	

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

Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
1				1/29/25	0800
2					
3					
4					
5					
6					

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-53696-1

SDG Number: Eddy Co, NM

Login Number: 53696

List Number: 1

Creator: Vasquez, Julisa

List Source: Eurofins Midland

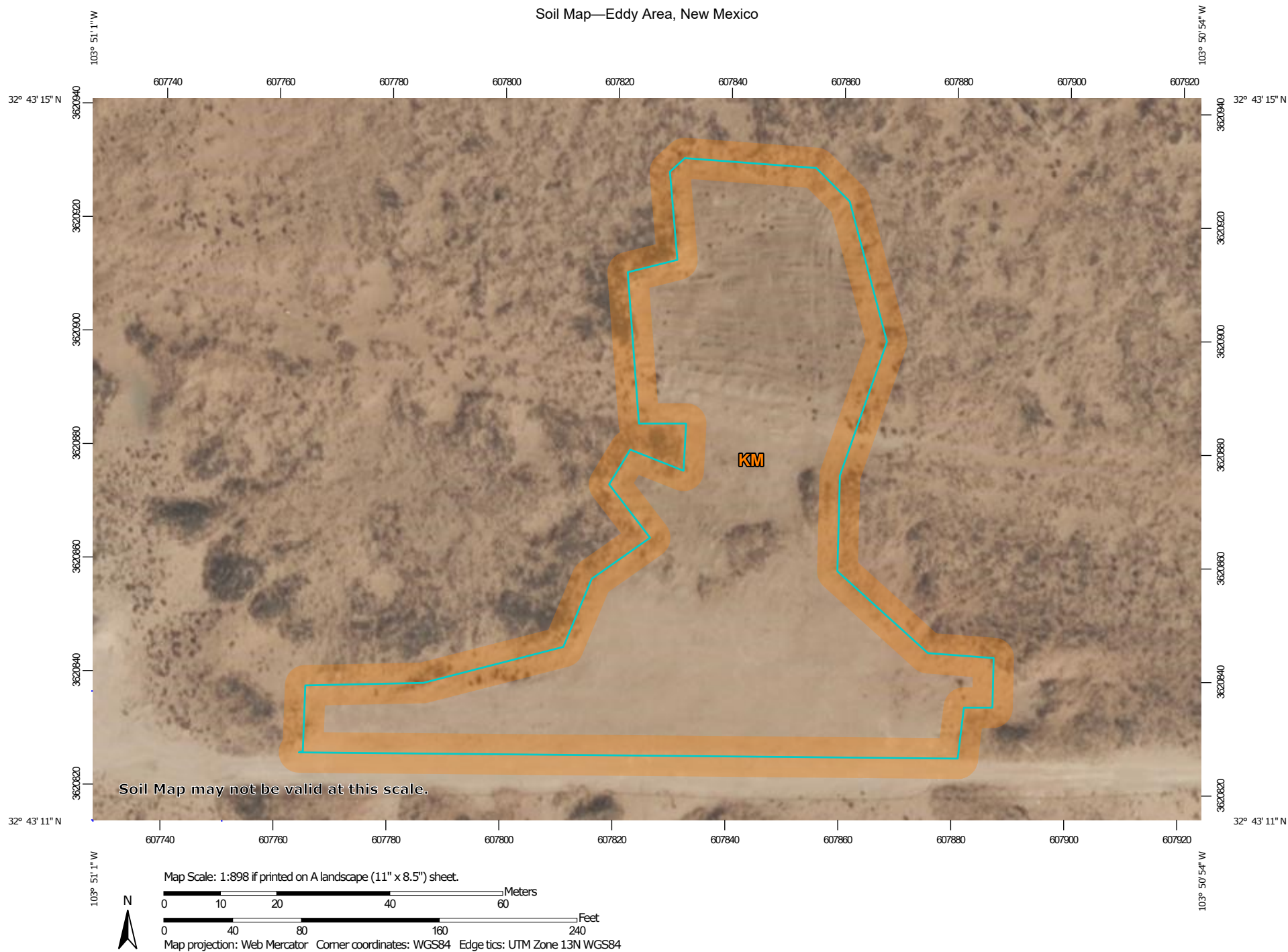
Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature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

APPENDIX F

CARMONA RESOURCES



Soil Map—Eddy Area, New Mexico



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

3/11/2025
Page 1 of 3

Soil Map—Eddy Area, New Mexico

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 20, Sep 3, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
KM	Kermit-Berino fine sands, 0 to 3 percent slopes	1.3	100.0%
Totals for Area of Interest		1.3	100.0%

Map Unit Description: Kermit-Berino fine sands, 0 to 3 percent slopes---Eddy Area, New Mexico

Eddy Area, New Mexico

KM—Kermit-Berino fine sands, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w4q

Elevation: 3,100 to 4,200 feet

Mean annual precipitation: 10 to 14 inches

Mean annual air temperature: 60 to 64 degrees F

Frost-free period: 190 to 230 days

Farmland classification: Not prime farmland

Map Unit Composition

Kermit and similar soils: 50 percent

Berino and similar soils: 35 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Kermit

Setting

Landform: Plains, alluvial fans

Landform position (three-dimensional): Talf, rise

Down-slope shape: Convex, linear

Across-slope shape: Linear

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 7 inches: fine sand

H2 - 7 to 60 inches: fine sand

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Excessively drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): Very high (20.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Low (about 3.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: A

Ecological site: R070BD005NM - Deep Sand

Hydric soil rating: No

Map Unit Description: Kermit-Berino fine sands, 0 to 3 percent slopes---Eddy Area, New Mexico

Description of Berino

Setting

Landform: Plains, fan piedmonts
Landform position (three-dimensional): Riser
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 17 inches: fine sand
H2 - 17 to 50 inches: fine sandy loam
H3 - 50 to 58 inches: loamy sand

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 7.2 inches)

Interpretive groups

Land capability classification (irrigated): 4e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Active dune land

Percent of map unit: 15 percent
Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 20, Sep 3, 2024

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QUESTIONS

Action 443418

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 443418
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1627853512
Incident Name	NAB1627853512 GREENWOOD PGU #4 BATTERY @ 30-015-05616
Incident Type	Oil Release
Incident Status	Reclamation Report Received
Incident Well	[30-015-05616] GREENWOOD PRE-GRAYBURG UNIT #004

Location of Release Source

Please answer all the questions in this group.

Site Name	GREENWOOD PGU #4 BATTERY
Date Release Discovered	09/05/2016
Surface Owner	Federal

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: Other Tank (Any) Crude Oil Released: 227 BBL Recovered: 165 BBL Lost: 62 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 443418

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 443418
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 03/18/2025
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QUESTIONS, Page 3

Action 443418

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 443418
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization	
<i>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.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (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 1 and 5 (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 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>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.</i>	
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)	574
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	10700
GRO+DRO (EPA SW-846 Method 8015M)	10700
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	01/07/2025
On what date will (or did) the final sampling or liner inspection occur	01/24/2025
On what date will (or was) the remediation complete(d)	02/03/2025
What is the estimated surface area (in square feet) that will be reclaimed	5100
What is the estimated volume (in cubic yards) that will be reclaimed	687
What is the estimated surface area (in square feet) that will be remediated	3818
What is the estimated volume (in cubic yards) that will be remediated	687
<i>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.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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Action 443418

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 443418
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [FEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 03/18/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 443418

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 443418
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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Action 443418

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 443418
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	423309
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/24/2025
What was the (estimated) number of samples that were to be gathered	3
What was the sampling surface area in square feet	350

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	3818
What was the total volume (cubic yards) remediated	687
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	51000
What was the total volume (in cubic yards) reclaimed	681
Summarize any additional remediation activities not included by answers (above)	"Site assessment completed, excavated and remediated areas that exceeded set in Table 1 of NMAC 19.15.29.12/13. Backfilled with clean topsoil(lab confirmed). Reseeded the entire well pad and pasture with BLM #2 LPC Sandy seed mix and reclaimed/ripped the entire area to promote seed growth. Also drilled a 55' GWDB nearby."

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 03/18/2025
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Action 443418

QUESTIONS (continued)

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	Action Number: 443418
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	5100
What was the total volume of replacement material (in cubic yards) for this site	687
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeded commence(d)	02/03/2025
Summarize any additional reclamation activities not included by answers (above)	"Site assessment completed, excavated and remediated areas that exceeded set in Table 1 of NMAC 19.15.29.12/13. Backfilled with clean topsoil(lab confirmed). Reseeded the entire well pad and pasture with BLM #2 LPC Sandy seed mix and reclaimed/ripped the entire area to promote seed growth."
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeded plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 03/18/2025

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Action 443418

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 443418
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	No
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i>	

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CONDITIONS

Action 443418

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 443418
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
nvez	None	6/13/2025