



SITE INFORMATION

Closure Report
Diamond 34 Federal #002
Lea County, New Mexico
Incident ID: NAPP2502933209
Unit B Sec 34 T23S R32E
32.266410°, -103.660400°

Crude Oil & Produced Water Release

Point of Release: Well Blowout

Release Date: 01/28/2025

Volume Released: 1,600 barrels of Crude Oil & 200 barrels of Produced Water

Volume Recovered: 990 barrels of Crude Oil & 110 barrels of Produced Water

CARMONA RESOURCES



Prepared for:
EOG Resources, Inc
5509 Champions Dr.
Midland, TX 79706

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

TABLE OF CONTENTS

1.0 SITE INFORMATION AND BACKGROUND

2.0 SITE CHARACTERIZATION AND GROUNDWATER

3.0 NMAC REGULATORY CRITERIA

4.0 SITE ASSESSMENT ACTIVITIES

5.0 REMEDIATION ACTIVITIES

6.0 RECLAMATION ACTIVITIES

7.0 CONCLUSION

FIGURES

FIGURE 1	OVERVIEW	FIGURE 2	TOPOGRAPHIC
FIGURE 3	SAMPLE LOCATION	FIGURE 4A-4C	EXCAVATION
FIGURE 5	RECLAMATION		

APPENDICES

APPENDIX A	TABLES
APPENDIX B	PHOTOS
APPENDIX C	N.O.R. AND NMOCD CORRESPONDENCE
APPENDIX D	SITE CHARACTERIZATION AND GROUNDWATER
APPENDIX E	LABORATORY REPORTS
APPENDIX F	RECLAMATION CRITERIA



July 31, 2025

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

**Re: Closure Report
Diamond 34 Federal #002
EOG Resources, Inc
Incident # NAPP2502933209
Site Location: Unit B, S34, T23S, R32E
(Lat 32.266410°, Long -103.660400°)
Lea County, New Mexico**

To whom it may concern:

On behalf of EOG Resources, Inc (EOG), Carmona Resources, LLC has prepared this letter to document site activities for the Diamond 34 Federal #002. The site is located at 32.266410°, -103.660400° within Unit B, S34, T23S, R32E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the Notification of Release and initial C-141 forms obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on January 28, 2025, due to a well blowout. It resulted in the release of one thousand six hundred (1,600) barrels of crude oil and two hundred (200) barrels of produced water on the pad and in the pasture. Approximately nine hundred ninety (990) barrels of crude oil and one hundred ten (110) barrels of produced water were recovered. Refer to Figure 3. The Notification of Release and initial C-141 forms are attached in Appendix C.

The NMOCD approved a work plan with a sampling variance on April 15, 2025. The documentation can be found 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, one known water source is within a 0.50-mile radius of the location. The nearest identified well is located approximately 0.46 miles Southwest of the site in S34, T23S, R32E and was drilled in 2023. The well has a reported depth to groundwater of 80' below ground surface (ft bgs). A copy of the associated Summary report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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

310 West Wall Street, Suite 500
Midland, Texas 79701
432.813.1992



4.0 Site Assessment Activities

Initial Assessment

On February 18, 2025, Carmona Resources LLC was onsite to perform an initial assessment to evaluate soil impacts stemming from the release. A total of nine (9) sample points (S-1 through S-9) and nine (9) horizontal samples (H-1 through H-9) were advanced to depths ranging from the surface to 4' bgs within and surrounding the release to assess the vertical and horizontal extent. 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 Cardinal Laboratories in Hobbs, New Mexico. 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 4500. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E. See Table 1 for the analytical results.

5.0 Remediation Activities

Carmona Resources personnel were on site to guide the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via the NMOCD Portal on June 17, 2025, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of seventy-seven (77) floor confirmation samples were collected (CS-1 through CS-77), and thirty-one (31) sidewall samples (SW-1 through SW-31) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

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

6.0 Reclamation Activities

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. The material utilized for the backfill was sourced from the Sandbridge Swag Pit. The composite pit sample was analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA method 8021B, and chloride by EPA method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

On July 18, 2025, the backfilled areas were seeded via hand-held broadcaster with the appropriate pounds of pure live seed per acre. The topsoil was raked onto the seed to aid the vegetation process. After seeding, the area was watered in. The seed mixture used was the BLM Seed Mixture #2. Site inspections will assess the revegetation progress and evaluate the site for primary or secondary noxious weeds. If noxious weeds are identified, the BLM will be contacted to determine an effective eradication method. If the site does not show revegetation after one growing season, the area will be reseeded as appropriate. See Appendix F for the soil survey and map and Figure 5 for the reclamation areas.

Approximately 5,370 cubic yards of material were excavated and transported offsite for proper disposal.

CARMONA RESOURCES



7.0 Conclusions

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

Sincerely,

Carmona Resources, LLC

A handwritten signature in black ink, appearing to read "Mike Carmona", is placed over a light gray rectangular background.

Mike Carmona
Environmental Manager

A handwritten signature in black ink, appearing to read "Stephen Reyes", is placed over a light gray rectangular background.

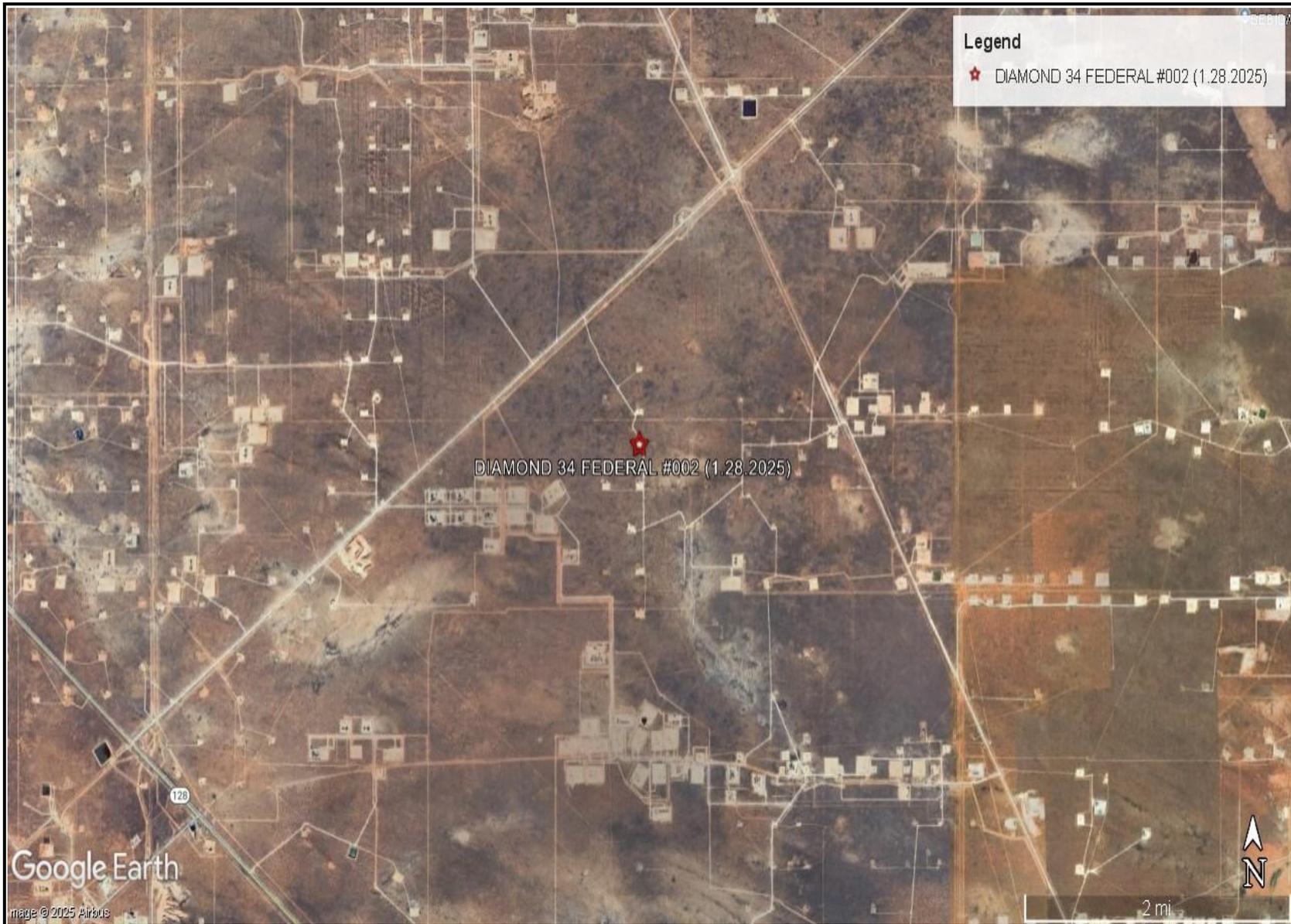
Stephen Reyes
Environmental Engineer

310 West Wall Street, Suite 500
Midland, Texas 79701
432.813.1992

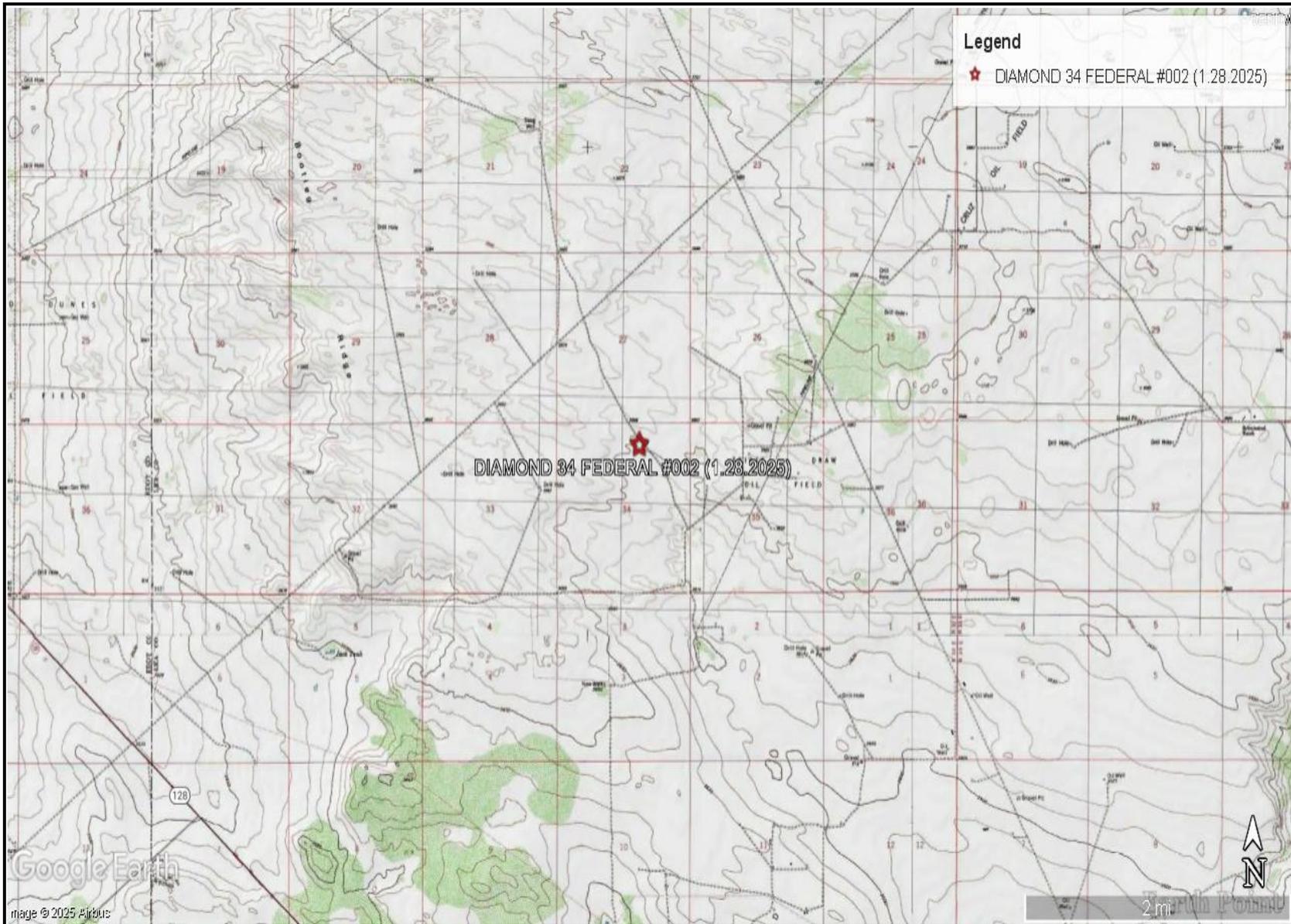
FIGURES

CARMONA RESOURCES





<p>OVERVIEW MAP EOG RESOURCES DIAMOND 34 FEDERAL #002 LEA COUNTY, NEW MEXICO 32.266410°, -103.660400°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 1</p>
---	--	-----------------

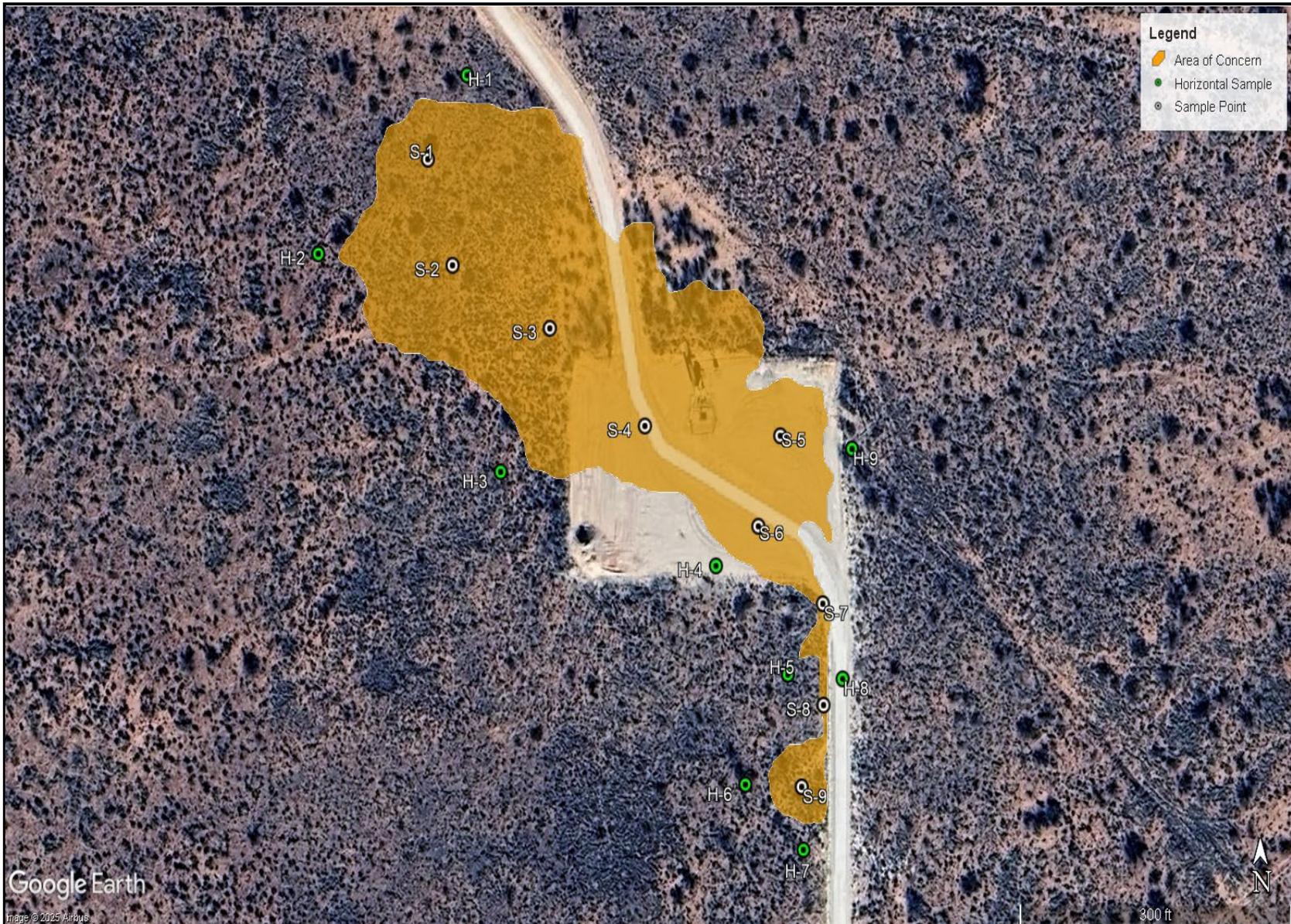


TOPOGRAPHIC MAP
EOG RESOURCES
DIAMOND 34 FEDERAL #002
LEA COUNTY, NEW MEXICO
32.266410°, -103.660400°

CARMONA RESOURCES



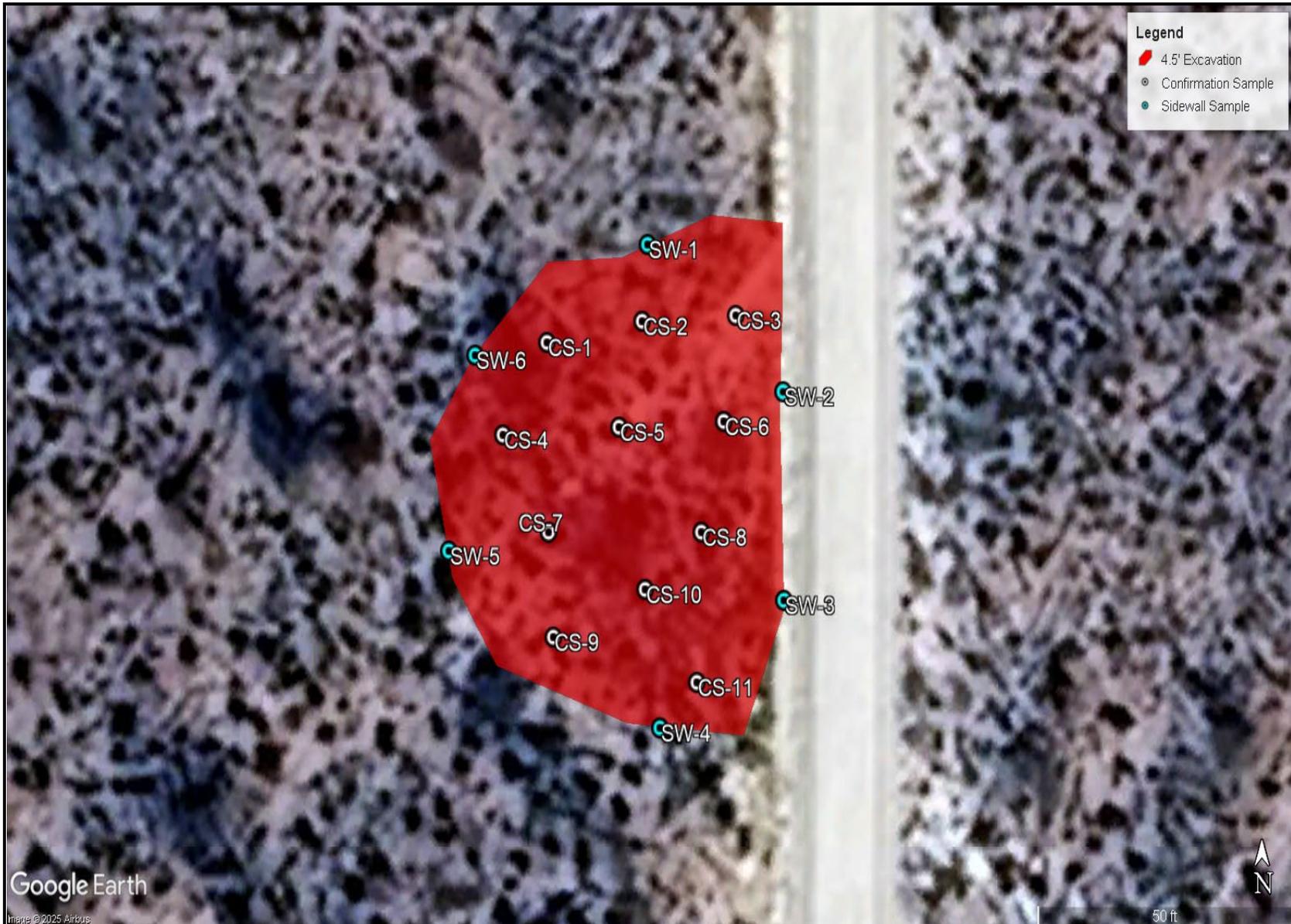
FIGURE 2



<p>SAMPLE LOCATION MAP EOG RESOURCES DIAMOND 34 FEDERAL #002 LEA COUNTY, NEW MEXICO 32.266410°, -103.660400°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 3</p>
--	--	-----------------



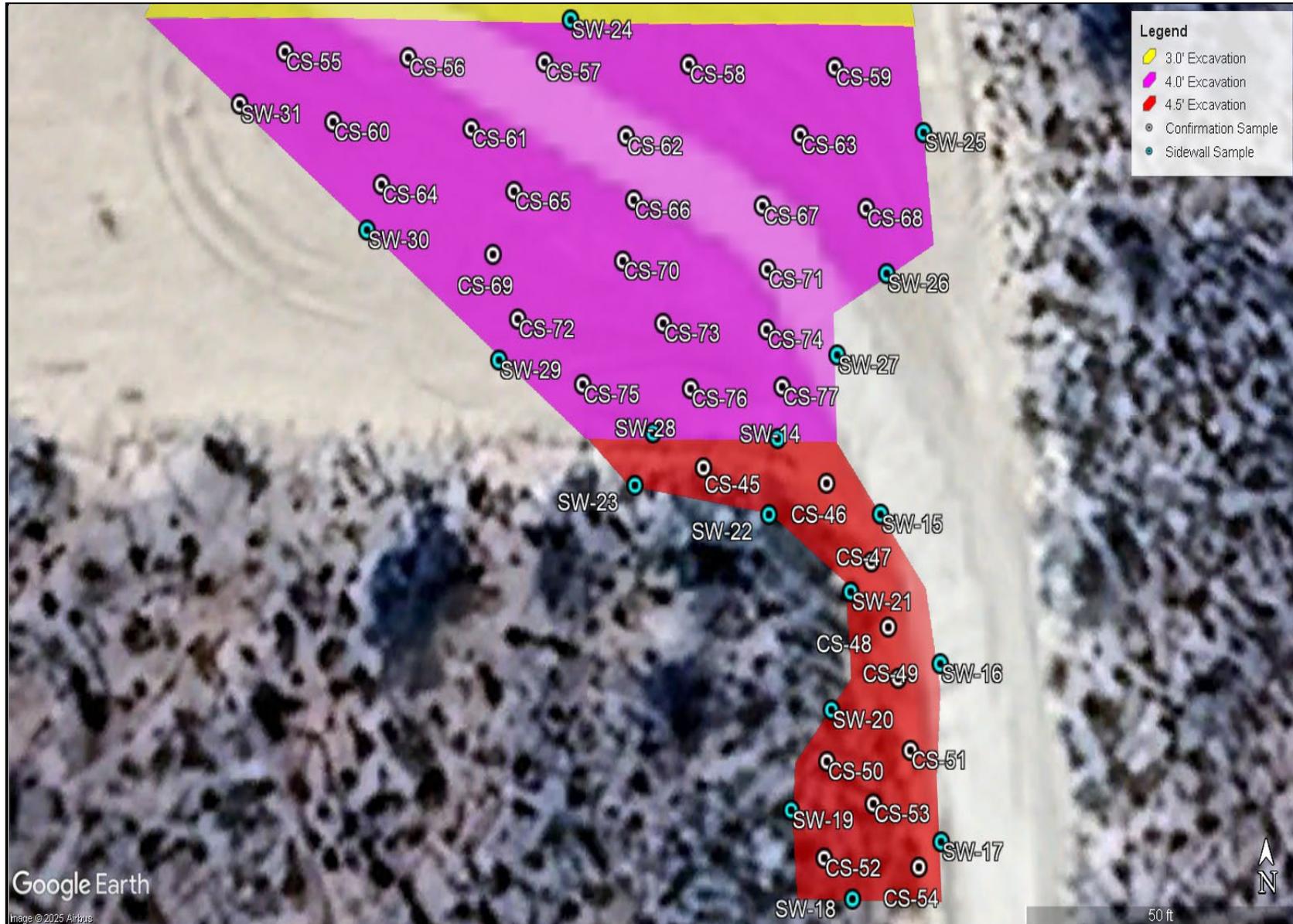
<p>EXCAVATION DEPTH MAP OVERVIEW EOG RESOURCES DIAMOND 34 FEDERAL #002 LEA COUNTY, NEW MEXICO 32.266410°, -103.660400°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 4</p>
--	--	-----------------



<p>EXCAVATION MAP EOG RESOURCES DIAMOND 34 FEDERAL #002 LEA COUNTY, NEW MEXICO 32.266410°, -103.660400°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 4A</p>
---	--	------------------



<p>EXCAVATION MAP EOG RESOURCES DIAMOND 34 FEDERAL #002 LEA COUNTY, NEW MEXICO 32.266410°, -103.660400°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 4B</p>
---	--	------------------



Google Earth

Image © 2025 Airbus

EXCAVATION MAP
EOG RESOURCES
DIAMOND 34 FEDERAL #002
LEA COUNTY, NEW MEXICO
32.266410°, -103.660400°

CARMONA RESOURCES



FIGURE 4C



<p>RECLAMATION MAP EOG RESOURCES DIAMOND 34 FEDERAL #002 LEA COUNTY, NEW MEXICO 32.266410°, -103.660400°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 5</p>
--	--	-----------------

APPENDIX A

CARMONA RESOURCES



Table 1
EOG Resources
Diamond 34 Federal #002
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	2/18/2025	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	"	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-2	2/18/2025	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	"	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
S-3	2/18/2025	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
S-4	2/18/2025	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
S-5	2/18/2025	0-1'	<10.0	24.1	<10.0	24.1	<0.050	<0.050	<0.050	<0.150	<0.300	528
	"	1.5'	<10.0	172	13.2	185.2	<0.050	0.050	0.056	0.401	0.506	1,200
	"	2'	<10.0	152	14.1	166.1	<0.050	<0.050	0.050	0.356	0.406	768
	"	3'	<10.0	39.5	<10.0	39.5	<0.050	<0.050	<0.050	<0.150	<0.300	320
	"	4'	<10.0	48.8	<10.0	48.8	<0.050	<0.050	<0.050	<0.150	<0.300	320
S-6	2/18/2025	0-1'	205	2,030	372	2,607	<0.050	0.175	0.569	4.38	5.13	5,500
Dense Geological Formation												
S-7	2/18/2025	0-1'	97.1	1,140	220	1,457.1	<0.050	0.225	0.549	4.06	4.84	1,390
	"	1.5'	<10.0	217	24.6	241.6	<0.050	<0.050	<0.050	<0.150	<0.300	608
	"	2'	<10.0	244	26.3	270.3	<0.050	<0.050	<0.050	0.166	<0.300	448
	"	3'	<10.0	138	10.4	148.4	<0.050	<0.050	<0.050	<0.150	<0.300	128
<i>Regulatory Criteria</i> ^A						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(S) Sample Point

Removed

Table 1
EOG Resources
Diamond 34 Federal #002
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-8	2/18/2025	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-9	2/18/2025	0-1'	1,430	3,880	519	5,829	5.38	56.8	21.1	107	191	6,240
	"	1.5'	22.9	300	57.7	380.6	<0.050	0.087	0.117	0.833	1.04	5,330
	"	2'	13.3	197	24.5	234.8	<0.050	<0.050	0.056	0.407	0.463	5,600
	"	3'	22.4	318	35.1	375.5	<0.050	0.059	0.120	0.965	1.14	672
	"	4'	<10.0	119	14.0	133	<0.050	<0.050	<0.050	<0.150	<0.300	1,200
H-1	2/18/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-2	2/18/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
H-3	2/18/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-4	2/18/2025	0-0.5'	<10.0	90.6	13.3	103.9	<0.050	<0.050	<0.050	<0.150	<0.300	176.0
H-5	2/18/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
H-6	2/18/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-7	2/18/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-8	2/18/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-9	2/18/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
Regulatory Criteria^A						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(S) Sample Point

(H) Horizontal Sample

Removed

Table 2
EOG Resources
Diamond 34 Fed No.2
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	6/19/2025	4.5'	<10.0	219	46.0	265	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-2	6/19/2025	4.5'	<10.0	484	107	591	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-3	6/19/2025	4.5'	<10.0	434	97.0	531	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-4	6/19/2025	4.5'	<10.0	270	58.8	328.8	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-5	6/19/2025	4.5'	<10.0	274	58.6	332.6	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-6	6/19/2025	4.5'	<10.0	261	57.5	318.5	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-7	6/19/2025	4.5'	<10.0	296	65.7	361.7	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-8	6/19/2025	4.5'	<10.0	273	57.9	330.9	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-9	6/19/2025	4.5'	<10.0	258	55.7	313.7	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-10	6/19/2025	4.5'	<10.0	260	55.2	315.2	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-11	6/19/2025	4.5'	<10.0	420	95.0	515	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-12	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-13	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-14	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
CS-15	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-16	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-17	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-18	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-19	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-20	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-21	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-22	6/23/2025	3'	<10.0	25.3	<10.0	25.3	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-23	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-24	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-25	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
Regulatory Criteria^A			1,000 mg/kg			2,500 mg/kg	50 mg/kg				10 mg/kg	10,000 mg/kg

(-) Not Analyzed

A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(CS) Confirmation Sample

**Table 2
EOG Resources
Diamond 34 Fed No.2
Lea County, New Mexico**

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-26	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-27	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-28	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-29	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-30	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-31	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-32	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-33	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-34	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-35	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-36	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-37	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-38	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-39	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-40	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-41	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-42	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-43	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-44	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-45	7/1/2025	4.5'	<10.0	17.5	<10.0	17.5	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-46	7/1/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-47	7/1/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-48	7/1/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-49	7/1/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-50	7/1/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
Regulatory Criteria^A			1,000 mg/kg		2,500 mg/kg		50 mg/kg		10 mg/kg		10,000 mg/kg	

(-) Not Analyzed
A – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(CS) Confirmation Sample

**Table 2
EOG Resources
Diamond 34 Fed No.2
Lea County, New Mexico**

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)	
			GRO	DRO	MRO	Total							
CS-51	7/1/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240	
CS-52	7/1/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176	
CS-53	7/1/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192	
CS-54	7/1/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112	
CS-55	6/30/2025	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192	
CS-56	6/30/2025	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112	
CS-57	6/30/2025	4'	<10.0	19.8	<10.0	19.8	<0.050	<0.050	<0.050	<0.150	<0.300	128	
CS-58	6/30/2025	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112	
CS-59	6/30/2025	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0	
CS-60	6/30/2025	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224	
CS-61	6/30/2025	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128	
CS-62	6/30/2025	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160	
CS-63	6/30/2025	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208	
CS-64	6/30/2025	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144	
CS-65	6/30/2025	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144	
CS-66	6/30/2025	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112	
CS-67	6/30/2025	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160	
CS-68	6/30/2025	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128.0	
CS-69	6/30/2025	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160	
CS-70	6/30/2025	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160	
CS-71	6/30/2025	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208	
CS-72	6/30/2025	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160	
CS-73	6/30/2025	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128	
CS-74	6/30/2025	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192	
CS-75	6/30/2025	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256	
<i>Regulatory Criteria^A</i>			1,000 mg/kg				2,500 mg/kg		50 mg/kg		10 mg/kg		10,000 mg/kg

(-) Not Analyzed
A – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(CS) Confirmation Sample

**Table 2
EOG Resources
Diamond 34 Fed No.2
Lea County, New Mexico**

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-76	6/30/2025	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-77	6/30/2025	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
SW-1	6/19/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-2	6/19/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-3	6/19/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-4	6/19/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-5	6/19/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-6	6/19/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-7	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-8	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-9	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-10	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-11	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-12	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-13	6/23/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-14	7/1/2025	0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-15	7/1/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-16	7/1/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-17	7/1/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
SW-18	7/1/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-19	7/1/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
SW-20	7/1/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
SW-21	7/1/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-22	7/1/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-23	7/1/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
<i>Regulatory Criteria^A</i>			1,000 mg/kg		2,500 mg/kg		50 mg/kg				10 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
(SW) Sidewall Sample

Table 2
EOG Resources
Diamond 34 Fed No.2
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-24	6/30/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
SW-25	6/30/2025	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
SW-26	6/30/2025	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
SW-27	6/30/2025	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
SW-28	6/30/2025	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
SW-29	6/30/2025	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
SW-30	6/30/2025	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
SW-31	6/30/2025	4'	<10.0	14.8	<10.0	14.8	<0.050	<0.050	<0.050	<0.150	<0.300	240
Sandbridge Swag Pit	6/30/2025	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
<i>Regulatory Criteria^A</i>						100 mg/kg	50 mg/kg				10 mg/kg	600 mg/kg

(-) Not Analyzed
A – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(SW) Sidewall Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 1

Facility: Diamond 34 Federal #002

County: Lea County, New Mexico

Description:

View North, area of CS-1 through CS-6



Photograph No. 2

Facility: Diamond 34 Federal #002

County: Lea County, New Mexico

Description:

View West, area of CS-7 through CS-11



Photograph No. 3

Facility: Diamond 34 Federal #002

County: Lea County, New Mexico

Description:

View Northeast, area of CS-12 through CS-23



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 4

Facility: Diamond 34 Federal #002

County: Lea County, New Mexico

Description:

View North, area of CS-24 through CS-44



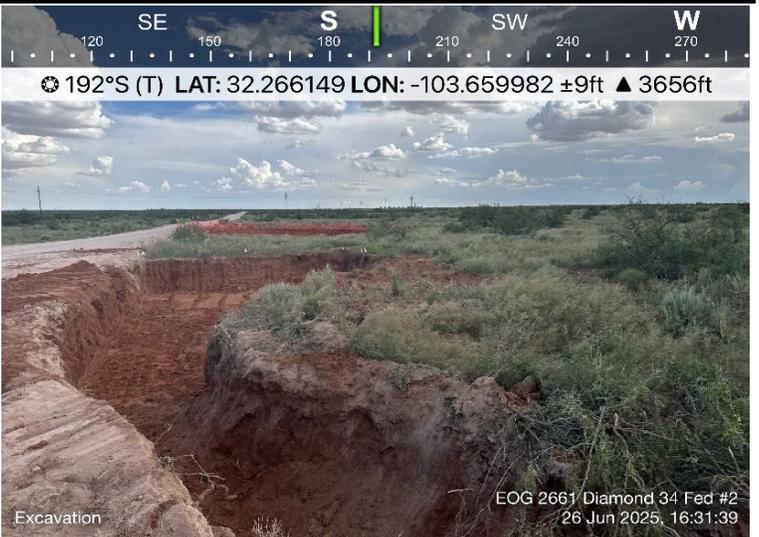
Photograph No. 5

Facility: Diamond 34 Federal #002

County: Lea County, New Mexico

Description:

View South, area of CS-45 through CS-49



Photograph No. 6

Facility: Diamond 34 Federal #002

County: Lea County, New Mexico

Description:

View Southwest, area of CS-50 through CS-54



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 7

Facility: Diamond 34 Federal #002

County: Lea County, New Mexico

Description:

View East, area of CS-55 through CS-77



Photograph No. 8

Facility: Diamond 34 Federal #002

County: Lea County, New Mexico

Description:

View West of backfilled excavation



Photograph No. 9

Facility: Diamond 34 Federal #002

County: Lea County, New Mexico

Description:

View Southeast of backfilled excavation



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 10

Facility: Diamond 34 Federal #002

County: Lea County, New Mexico

Description:

View Southeast of backfilled excavation



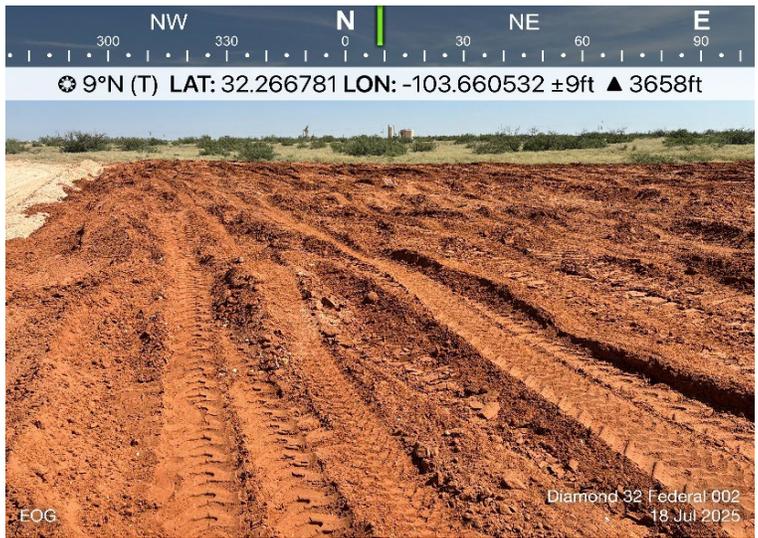
Photograph No. 11

Facility: Diamond 34 Federal #002

County: Lea County, New Mexico

Description:

View North of backfilled excavation



Photograph No. 12

Facility: Diamond 34 Federal #002

County: Lea County, New Mexico

Description:

View North of backfilled excavation



PHOTOGRAPHIC LOG

EOG Resources, Inc

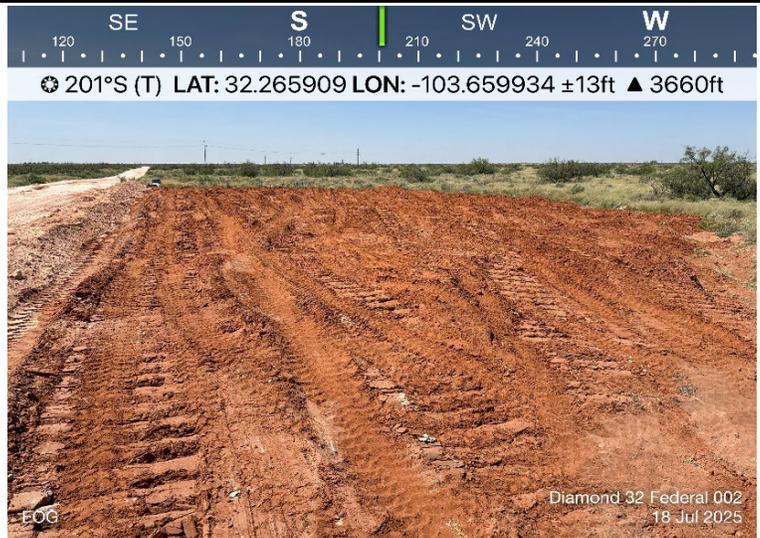
Photograph No. 13

Facility: Diamond 34 Federal #002

County: Lea County, New Mexico

Description:

View South of backfilled excavation



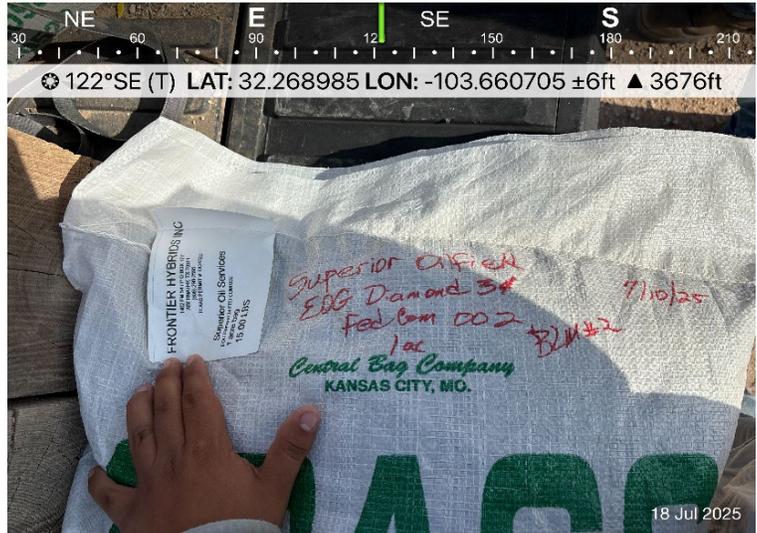
Photograph No. 14

Facility: Diamond 34 Federal #002

County: Lea County, New Mexico

Description:

View of BLM Seed Mixture #2 utilized for site



Photograph No. 15

Facility: Diamond 34 Federal #002

County: Lea County, New Mexico

Description:

View West of reseeding backfilled area



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 16

Facility: Diamond 34 Federal #002

County: Lea County, New Mexico

Description:
View West of reseeding backfilled area



APPENDIX C

CARMONA RESOURCES



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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 426065

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 426065
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Diamond 34 Federal #002
Date Release Discovered	01/28/2025
Surface Owner	Federal

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Blow Out Well Crude Oil Released: 1,600 BBL Recovered: 990 BBL Lost: 610 BBL.
Produced Water Released (bbls) Details	Cause: Blow Out Well Produced Water Released: 200 BBL Recovered: 110 BBL Lost: 90 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 426065

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 426065
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

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

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

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

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**

ACKNOWLEDGMENTS

Action 426065

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 426065
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
<input checked="" type="checkbox"/>	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	I acknowledge the fact that the acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment.
<input checked="" type="checkbox"/>	I acknowledge the fact that, in addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

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 426065

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 426065
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
jameskennedy	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	1/29/2025

***** LIQUID SPILLS - VOLUME CALCULATIONS *****

Location of spill: Diamond 34 Fed #002

Date of Spill: 1/28/2025

If the leak/spill is associated with production equipment, i.e. - wellhead, stuffing box, flowline, tank battery, production vessel, transfer pump, or storage tank place an "X" here:

Input Data:

If spill volumes from measurement, i.e. metering, tank volumes, etc. are known enter the volumes here: OIL: 0.0000 BBL WATER: 0.0000 BBL

If "known" spill volumes are given, input data for the following "Area Calculations" is optional. The above will override the calculated volumes.

Total Area Calculations						Standing Liquid Calculations					
Total Surface Area	width	length	wet soil depth	oil (%)	Standing Liquid Area	width	length	liquid depth	oil (%)		
Rectangle Area #1	330 ft X	295 ft X	12.00 in	90%	Rectangle Area #1	0 ft X	0 ft X	0 in	0%		
Rectangle Area #2	205 ft X	140 ft X	12.00 in	90%	Rectangle Area #2	0 ft X	0 ft X	0 in	0%		
Rectangle Area #3	0 ft X	0 ft X	0.00 in	0%	Rectangle Area #3	0 ft X	0 ft X	0 in	0%		
Rectangle Area #4	0 ft X	0 ft X	0.00 in	0%	Rectangle Area #4	0 ft X	0 ft X	0 in	0%		
Rectangle Area #5	0 ft X	0 ft X	0.00 in	0%	Rectangle Area #5	0 ft X	0 ft X	0 in	0%		
Rectangle Area #6	0 ft X	0 ft X	0.00 in	0%	Rectangle Area #6	0 ft X	0 ft X	0 in	0%		
Rectangle Area #7	0 ft X	0 ft X	0.00 in	0%	Rectangle Area #7	0 ft X	0 ft X	0 in	0%		
Rectangle Area #8	0 ft X	0 ft X	0.00 in	0%	Rectangle Area #8	0 ft X	0 ft X	0 in	0%		

okay

production system leak - DAILY PRODUCTION DATA REQUIRED

Average Daily Production: Oil _____ BBL Water 0 BBL

Did leak occur before the separator?: YES N/A (place an "X")

Amount of Free Liquid Recovered: 1100 BBL **okay**

Percentage of Oil in Free Liquid Recovered: 90% (percentage)

Liquid holding factor *: 0.08 gal per gal

Use the following when the spill wets the grains of the soil. Use the following when the liquid completely fills the pore space of the soil:

* sand = .08 gallon liquid per gallon volume of soil. Occurs when the spill soaked soil is contained by barriers, natural (or not).

* gravelly (caliche) loam = .14 gallon liquid per gallon volume of soil. * gravelly (caliche) loam = .25 gallon liquid per gallon volume of soil.

* sandy clay loam soil = .14 gallon liquid per gallon volume of soil. * sandy loam = .5 gallon liquid per gallon volume of soil.

* clay loam = .16 gallon liquid per gallon volume of soil.

Saturated Soil Volume Calculations:

Total Solid/Liquid Volume: **126,050** sq. ft. **H2O 12,605** cu. ft. **OIL 113,445** cu. ft.

Estimated Volumes Spilled

Liquid in Soil: **H2O 179.6** BBL **OIL 1616.3** BBL
 Free Liquid: **0.0** BBL **0.0** BBL
 Totals: **179.591** BBL **1616.321** BBL

Total Liquid Spill Liquid: **179.591** BBL **1616.321** BBL

Recovered Volumes

Estimated oil recovered: **990.0** BBL **check - okay**
 Estimated water recovered: **110.0** BBL **check - okay**

Free Liquid Volume Calculations:

Total Free Liquid Volume: _____ sq. ft. **H2O .000** cu. ft. **OIL .000** cu. ft.

Estimated Production Volumes Lost

Estimated Production Spilled: **H2O 0.000000** BBL **OIL 0.000000** BBL

Estimated Surface Damage

Surface Area: **126,050** sq. ft.
 Surface Area: **2.8937** acre

Estimated Weights, and Volumes

Saturated Soil = **14,117,600** lbs **126,050** cu. ft. **4,669** cu. yds.
 Total Liquid = **1,796** BBL **75,428.32** gallon **627,564** lbs

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 426128

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 426128
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2502933209
Incident Name	NAPP2502933209 DIAMOND 34 FEDERAL #002 @ 30-025-33112
Incident Type	Blow Out
Incident Status	Initial C-141 Received
Incident Well	[30-025-33112] DIAMOND 34 FEDERAL #002

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Diamond 34 Federal #002
Date Release Discovered	01/28/2025
Surface Owner	Federal

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Blow Out Well Crude Oil Released: 1,600 BBL Recovered: 990 BBL Lost: 610 BBL.
Produced Water Released (bbls) Details	Cause: Blow Out Well Produced Water Released: 200 BBL Recovered: 110 BBL Lost: 90 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 426128

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 426128
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

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

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: James Kennedy Title: Safety and Environmental Doecialist Email: James_kennedy@eogresources.com Date: 01/29/2025
--	--

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, Page 3

Action 426128

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 426128
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

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

Remediation Plan

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

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

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 426128

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 426128
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
nvez	None	1/30/2025

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 475829

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 475829
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2502933209
Incident Name	NAPP2502933209 DIAMOND 34 FEDERAL #002 @ 30-025-33112
Incident Type	Blow Out
Incident Status	Remediation Plan Approved
Incident Well	[30-025-33112] DIAMOND 34 FEDERAL #002

Location of Release Source	
Site Name	DIAMOND 34 FEDERAL #002
Date Release Discovered	01/28/2025
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	4,567
What is the estimated number of samples that will be gathered	18
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/19/2025
Time sampling will commence	01:30 PM
 <i>Warning: Notification can not be less than two business days prior to conducting final sampling.</i>	
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-6823
Please provide any information necessary for navigation to sampling site	Driving Directions – 32.266410, -103.660400

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oecd/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 475829

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 475829
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jameskennedy	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.	6/17/2025
jameskennedy	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	6/17/2025

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 476721

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 476721
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2502933209
Incident Name	NAPP2502933209 DIAMOND 34 FEDERAL #002 @ 30-025-33112
Incident Type	Blow Out
Incident Status	Remediation Plan Approved
Incident Well	[30-025-33112] DIAMOND 34 FEDERAL #002

Location of Release Source	
Site Name	DIAMOND 34 FEDERAL #002
Date Release Discovered	01/28/2025
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	12,913
What is the estimated number of samples that will be gathered	39
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/23/2025
Time sampling will commence	08:30 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-6823
Please provide any information necessary for navigation to sampling site	Driving Directions – 32.266410, -103.660400

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oecd/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 476721

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 476721
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jameskennedy	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.	6/18/2025
jameskennedy	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	6/18/2025

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 477403

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 477403
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2502933209
Incident Name	NAPP2502933209 DIAMOND 34 FEDERAL #002 @ 30-025-33112
Incident Type	Blow Out
Incident Status	Remediation Plan Approved
Incident Well	[30-025-33112] DIAMOND 34 FEDERAL #002

Location of Release Source	
Site Name	DIAMOND 34 FEDERAL #002
Date Release Discovered	01/28/2025
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	9,600
What is the estimated number of samples that will be gathered	32
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/24/2025
Time sampling will commence	02:00 PM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-6823
Please provide any information necessary for navigation to sampling site	Driving Directions – 32.266410, -103.660400

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oecd/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 477403

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 477403
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jameskennedy	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.	6/20/2025
jameskennedy	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	6/20/2025

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 479107

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 479107
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2502933209
Incident Name	NAPP2502933209 DIAMOND 34 FEDERAL #002 @ 30-025-33112
Incident Type	Blow Out
Incident Status	Remediation Plan Approved
Incident Well	[30-025-33112] DIAMOND 34 FEDERAL #002

Location of Release Source	
Site Name	DIAMOND 34 FEDERAL #002
Date Release Discovered	01/28/2025
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	7,909
What is the estimated number of samples that will be gathered	30
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/30/2025
Time sampling will commence	08:30 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-6823
Please provide any information necessary for navigation to sampling site	32.266410, -103.660400

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oecd/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 479107

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 479107
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jameskennedy	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.	6/26/2025
jameskennedy	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	6/26/2025

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 479121

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 479121
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2502933209
Incident Name	NAPP2502933209 DIAMOND 34 FEDERAL #002 @ 30-025-33112
Incident Type	Blow Out
Incident Status	Remediation Plan Approved
Incident Well	[30-025-33112] DIAMOND 34 FEDERAL #002

Location of Release Source	
Site Name	DIAMOND 34 FEDERAL #002
Date Release Discovered	01/28/2025
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	1,409
What is the estimated number of samples that will be gathered	10
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/01/2025
Time sampling will commence	08:30 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-6823
Please provide any information necessary for navigation to sampling site	32.266410, -103.660400

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 479121

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 479121
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jameskennedy	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.	6/26/2025
jameskennedy	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	6/26/2025

APPENDIX D

CARMONA RESOURCES

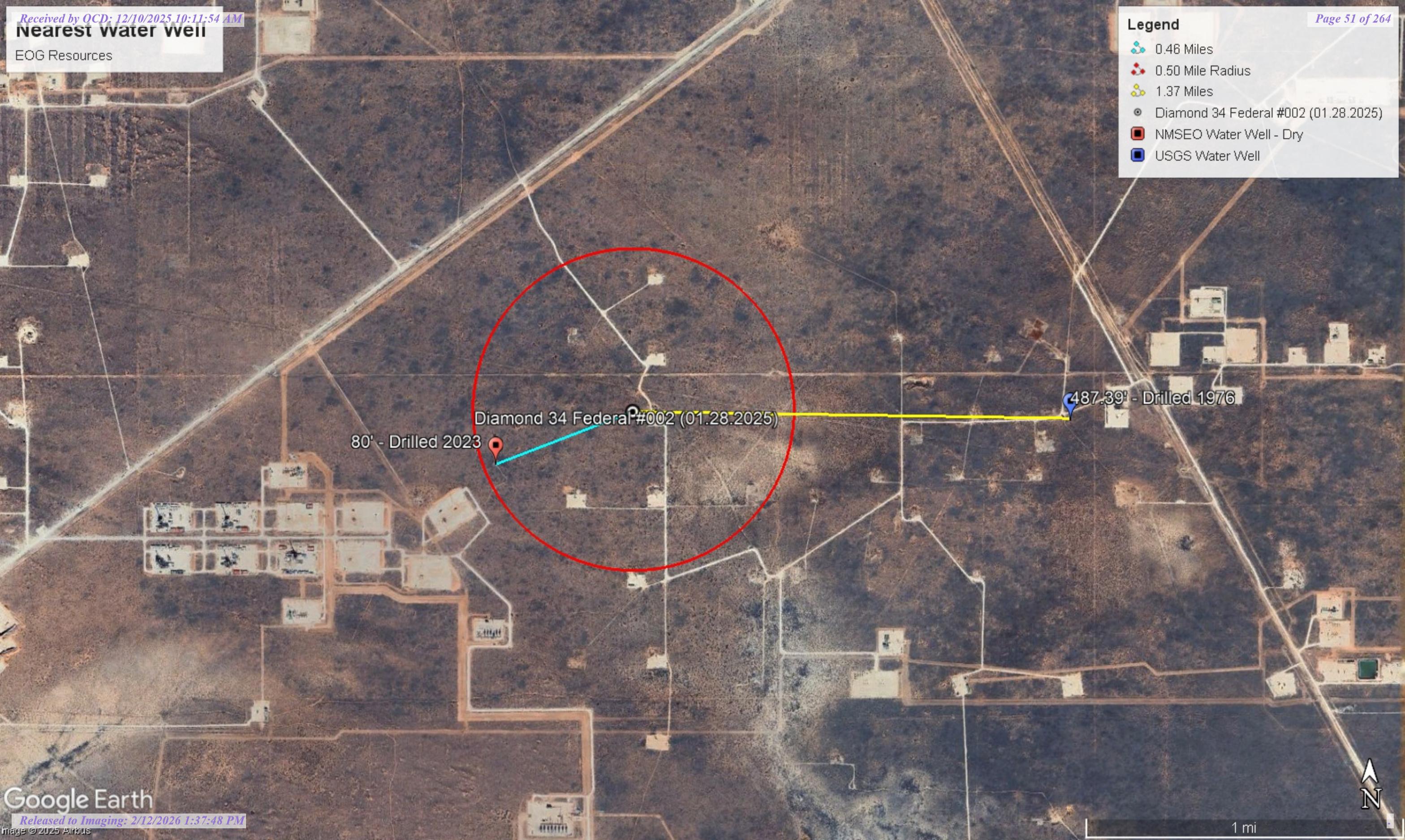


Nearest water well

EOG Resources

Legend

- 0.46 Miles
- 0.50 Mile Radius
- 1.37 Miles
- Diamond 34 Federal #002 (01.28.2025)
- NMSEO Water Well - Dry
- USGS Water Well



Diamond 34 Federal #002 (01.28.2025)

80' - Drilled 2023

487.39' - Drilled 1976



Low Karst

EOG Resources

Legend

-  Diamond 34 Federal #002 (01.28.2025)
-  Low

Diamond 34 Federal #002 (01.28.2025)





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
C 04780 POD1		CUB	LE	NW	SW	NW	34	23S	32E	625363.6	3570521.7		745	80		
C 03527 POD1	C	LE		NW	NE	SW	03	24S	32E	625769.7	3568487.2		2328	500		
C 02216		CUB	LE	NE	NE	SE	21	23S	32E	625035.0	3573261.0 *		2666	585	400	185
C 03529 POD1	C	LE		NE	SE	SW	29	23S	32E	622651.2	3571212.5		3429	550		
C 03555 POD1	C	LE		NE	NE	NW	05	24S	32E	622748.5	3569233.6		3658	600	380	220
C 03851 POD1		CUB	LE	SW	SW	SE	20	23S	32E	622879.6	3572660.0		3681	1392	713	679

Average Depth to Water: **497 feet**

Minimum Depth: **380 feet**

Maximum Depth: **713 feet**

Record Count: 6

UTM Filters (in meters):

Easting: 626056.00

Northing: 3570798.00

Radius: 4000

* UTM location was derived from PLSS - see Help

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



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

I. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) C-04780 POD1		WELL TAG ID NO.		OSE FILE NO(S). C-04780 POD1			
	WELL OWNER NAME(S) EOG Resources				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 5509 Champions Dr				CITY Midland	STATE TX	ZIP 79705	
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 15	SECONDS 51.8862	* ACCURACY REQUIRED: ONE TENTH OF A SECOND			
	LONGITUDE -103	40	8.3748	* DATUM REQUIRED: WGS 84				
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE								
2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1706		NAME OF LICENSED DRILLER Bryce Wallace		NAME OF WELL DRILLING COMPANY Elite Drillers Corporation			
	DRILLING STARTED 10/27/23	DRILLING ENDED 10/27/23	DEPTH OF COMPLETED WELL (FT) 80	BORE HOLE DEPTH (FT) 80	DEPTH WATER FIRST ENCOUNTERED (FT) N/A			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)			STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED N/A			
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES – SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER – SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	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						
			6	N/A				
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
			6	N/A				

USE DIT NEW 7 2023 PM 1:33

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 01/28/2022)			
FILE NO.	C-04780	POD NO.	1	TRN NO.	751921
LOCATION	235. 32E. 34. 131			WELL TAG ID NO.	PAGE 1 OF 2

Mike A. Hamman, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 751921
File Nbr: C 04780
Well File Nbr: C 04780 POD1

Nov. 14, 2023

BLAKE GROOMS
EOG RESOURCES
5509 CHAMPIONS DR.
MIDLAND, TX 79705

Greetings:

The above numbered permit was issued in your name on 10/11/2023.

The Well Record was received in this office on 11/07/2023, stating that it had been completed on 10/27/2023, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 10/10/2024.

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

Sincerely,

A handwritten signature in cursive script that reads "Rodolfo Chavez".

Rodolfo Chavez
(575) 622-6521

drywell



USGS Home
 Contact USGS
 Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater Geographic Area: New Mexico

Click to hide News Bulletins

- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for New Mexico

Click to hide state-specific text

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

Search Results -- 1 sites found

Agency code = usgs
 site_no list =
 • 321555103381501

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

USGS 321555103381501 23S.32E.35.224111

Lea County, New Mexico
 Latitude 32°15'59.0", Longitude 103°38'17.6" NAD83
 Land-surface elevation 3,678.00 feet above NGVD29
 The depth of the well is 700 feet below land surface.
 This well is completed in the Other aquifers (N9999OTHER) national aquifer.
 This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement
1976-12-08			D	62610	3190.61	NGVD29	P	Z		
1976-12-08			D	62611	3192.34	NAVD88	P	Z		
1976-12-08			D	72019	487.39		P	Z		

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	P	Pumping

2/18/25, 2:53 PM

Section	Code	Description
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

[Questions or Comments](#)

[Help](#)

[Data Tips](#)

[Explanation of terms](#)

[Subscribe for system changes](#)

[Accessibility](#) [FOIA](#) [Privacy](#) [Policies and Notices](#)

[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

Title: Groundwater for New Mexico: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>



Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2025-02-18 15:53:00 EST

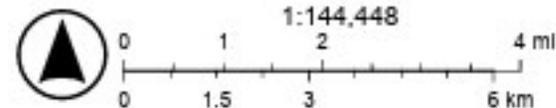
0.32 0.23 nadww02

Diamond 34 Federal #002 (01.28.2025)



2/18/2025

World Hillshade

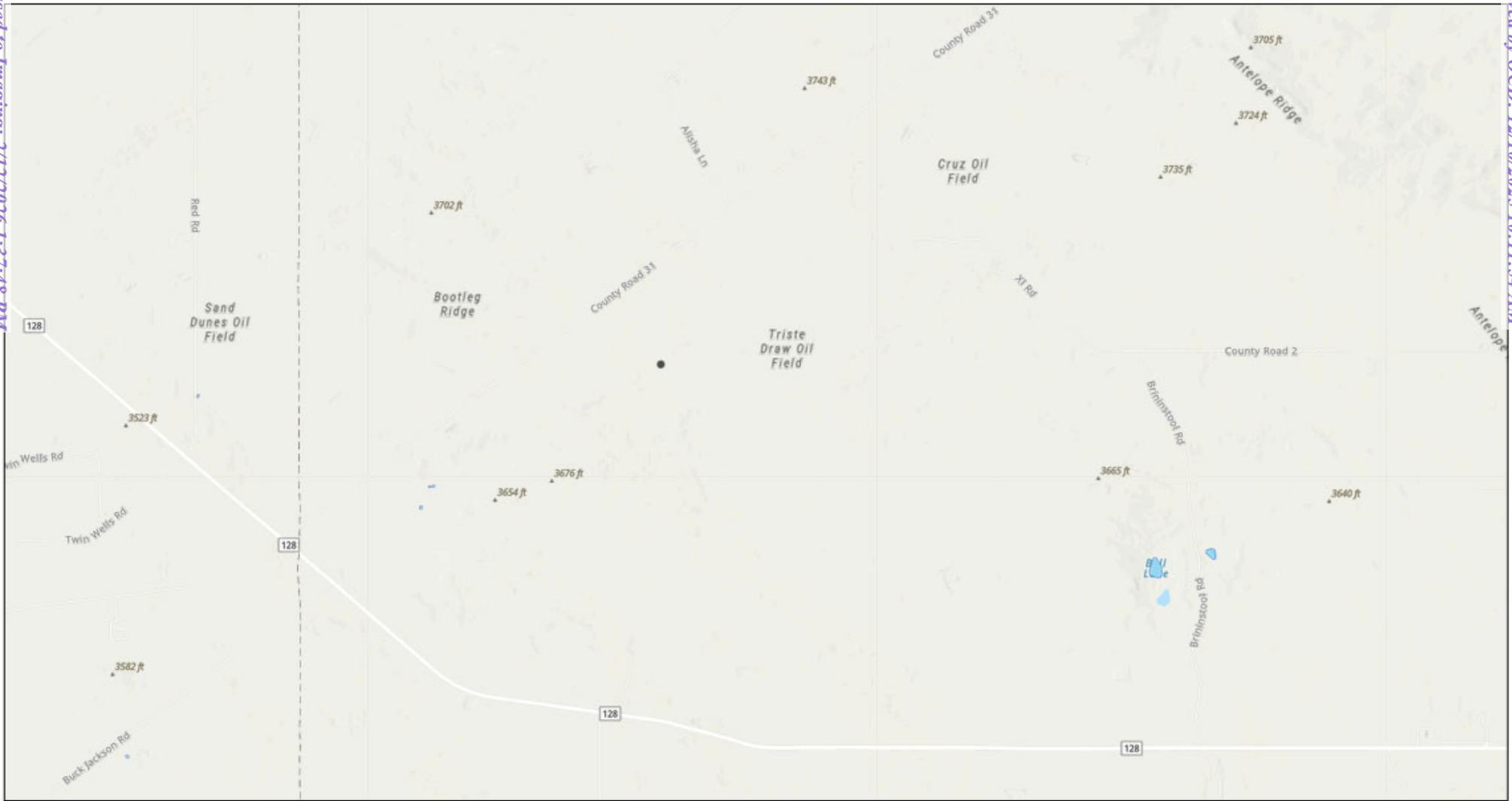


Esri, NASA, NOAA, USGS, Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologas, Inc, NETINASA, USGS, EPA, NPS.

Diamond 34 Federal #002 (01.28.2025)

Released to Imaging: 2/12/2026 1:37:48 PM

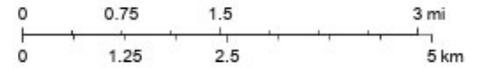
Received by OCD: 12/10/2025 10:11:54 AM



2/18/2025, 2:46:12 PM

 OSW Water Bodies

1:72,224



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

APPENDIX E

CARMONA RESOURCES





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

February 24, 2025

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: DIAMOND 34 FED NO.2

Enclosed are the results of analyses for samples received by the laboratory on 02/18/25 12:47.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, flowing "C" at the beginning.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 1 (0-1') (H250960-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/19/2025	ND	2.01	101	2.00	3.99		
Toluene*	<0.050	0.050	02/19/2025	ND	2.15	108	2.00	3.90		
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.24	112	2.00	2.99		
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.92	115	6.00	2.81		
Total BTEX	<0.300	0.300	02/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/19/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	213	106	200	2.85		
DRO >C10-C28*	<10.0	10.0	02/19/2025	ND	199	99.7	200	3.52		
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND						

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 1 (1.5') (H250960-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/19/2025	ND	2.01	101	2.00	3.99		
Toluene*	<0.050	0.050	02/19/2025	ND	2.15	108	2.00	3.90		
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.24	112	2.00	2.99		
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.92	115	6.00	2.81		
Total BTEX	<0.300	0.300	02/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/19/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	213	106	200	2.85		
DRO >C10-C28*	<10.0	10.0	02/19/2025	ND	199	99.7	200	3.52		
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND						

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.7 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 1 (2') (H250960-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/19/2025	ND	2.01	101	2.00	3.99		
Toluene*	<0.050	0.050	02/19/2025	ND	2.15	108	2.00	3.90		
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.24	112	2.00	2.99		
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.92	115	6.00	2.81		
Total BTEX	<0.300	0.300	02/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/19/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	213	106	200	2.85		
DRO >C10-C28*	<10.0	10.0	02/19/2025	ND	199	99.7	200	3.52		
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND						

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 1 (3') (H250960-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/19/2025	ND	2.01	101	2.00	3.99		
Toluene*	<0.050	0.050	02/19/2025	ND	2.15	108	2.00	3.90		
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.24	112	2.00	2.99		
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.92	115	6.00	2.81		
Total BTEX	<0.300	0.300	02/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/19/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	213	106	200	2.85		
DRO >C10-C28*	<10.0	10.0	02/19/2025	ND	199	99.7	200	3.52		
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND						

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.7 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 1 (4') (H250960-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/19/2025	ND	2.01	101	2.00	3.99		
Toluene*	<0.050	0.050	02/19/2025	ND	2.15	108	2.00	3.90		
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.24	112	2.00	2.99		
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.92	115	6.00	2.81		
Total BTEX	<0.300	0.300	02/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/19/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	201	100	200	0.0279		
DRO >C10-C28*	<10.0	10.0	02/19/2025	ND	185	92.7	200	1.12		
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND						

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.8 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 2 (0-1') (H250960-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/19/2025	ND	2.01	101	2.00	3.99		
Toluene*	<0.050	0.050	02/19/2025	ND	2.15	108	2.00	3.90		
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.24	112	2.00	2.99		
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.92	115	6.00	2.81		
Total BTEX	<0.300	0.300	02/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/19/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	201	100	200	0.0279		
DRO >C10-C28*	<10.0	10.0	02/19/2025	ND	185	92.7	200	1.12		
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND						

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 2 (1.5') (H250960-07)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/19/2025	ND	2.01	101	2.00	3.99		
Toluene*	<0.050	0.050	02/19/2025	ND	2.15	108	2.00	3.90		
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.24	112	2.00	2.99		
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.92	115	6.00	2.81		
Total BTEX	<0.300	0.300	02/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/19/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	201	100	200	0.0279		
DRO >C10-C28*	<10.0	10.0	02/19/2025	ND	185	92.7	200	1.12		
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND						

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.8 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 2 (2') (H250960-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/19/2025	ND	2.01	101	2.00	3.99		
Toluene*	<0.050	0.050	02/19/2025	ND	2.15	108	2.00	3.90		
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.24	112	2.00	2.99		
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.92	115	6.00	2.81		
Total BTEX	<0.300	0.300	02/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/19/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	201	100	200	0.0279		
DRO >C10-C28*	<10.0	10.0	02/19/2025	ND	185	92.7	200	1.12		
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND						

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.7 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 2 (3') (H250960-09)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/19/2025	ND	2.01	101	2.00	3.99		
Toluene*	<0.050	0.050	02/19/2025	ND	2.15	108	2.00	3.90		
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.24	112	2.00	2.99		
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.92	115	6.00	2.81		
Total BTEX	<0.300	0.300	02/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/19/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	201	100	200	0.0279		
DRO >C10-C28*	<10.0	10.0	02/19/2025	ND	185	92.7	200	1.12		
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND						

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 2 (4') (H250960-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	2.01	101	2.00	3.99	
Toluene*	<0.050	0.050	02/19/2025	ND	2.15	108	2.00	3.90	
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.24	112	2.00	2.99	
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.92	115	6.00	2.81	
Total BTEX	<0.300	0.300	02/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	201	100	200	0.0279	
DRO >C10-C28*	<10.0	10.0	02/19/2025	ND	185	92.7	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 3 (0-1') (H250960-11)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/19/2025	ND	2.01	101	2.00	3.99		
Toluene*	<0.050	0.050	02/19/2025	ND	2.15	108	2.00	3.90		
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.24	112	2.00	2.99		
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.92	115	6.00	2.81		
Total BTEX	<0.300	0.300	02/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/19/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	201	100	200	0.0279		
DRO >C10-C28*	<10.0	10.0	02/19/2025	ND	185	92.7	200	1.12		
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND						

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.7 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 3 (1.5') (H250960-12)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/19/2025	ND	2.01	101	2.00	3.99		
Toluene*	<0.050	0.050	02/19/2025	ND	2.15	108	2.00	3.90		
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.24	112	2.00	2.99		
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.92	115	6.00	2.81		
Total BTEX	<0.300	0.300	02/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/19/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	201	100	200	0.0279		
DRO >C10-C28*	<10.0	10.0	02/19/2025	ND	185	92.7	200	1.12		
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND						

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 3 (2') (H250960-13)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/19/2025	ND	2.01	101	2.00	3.99		
Toluene*	<0.050	0.050	02/19/2025	ND	2.15	108	2.00	3.90		
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.24	112	2.00	2.99		
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.92	115	6.00	2.81		
Total BTEX	<0.300	0.300	02/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/19/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	201	100	200	0.0279		
DRO >C10-C28*	<10.0	10.0	02/19/2025	ND	185	92.7	200	1.12		
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND						

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.5 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 3 (3') (H250960-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	2.01	101	2.00	3.99	
Toluene*	<0.050	0.050	02/19/2025	ND	2.15	108	2.00	3.90	
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.24	112	2.00	2.99	
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.92	115	6.00	2.81	
Total BTEX	<0.300	0.300	02/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	201	100	200	0.0279	
DRO >C10-C28*	<10.0	10.0	02/19/2025	ND	185	92.7	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.9 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 4 (0-1') (H250960-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	2.03	102	2.00	0.0159	
Toluene*	<0.050	0.050	02/19/2025	ND	2.29	115	2.00	6.28	
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.50	125	2.00	8.70	
Total Xylenes*	<0.150	0.150	02/19/2025	ND	7.54	126	6.00	9.58	
Total BTEX	<0.300	0.300	02/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	201	100	200	0.0279	
DRO >C10-C28*	<10.0	10.0	02/19/2025	ND	185	92.7	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 4 (1.5') (H250960-16)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	2.03	102	2.00	0.0159	
Toluene*	<0.050	0.050	02/19/2025	ND	2.29	115	2.00	6.28	
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.50	125	2.00	8.70	
Total Xylenes*	<0.150	0.150	02/19/2025	ND	7.54	126	6.00	9.58	
Total BTEX	<0.300	0.300	02/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	02/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	201	100	200	0.0279	
DRO >C10-C28*	<10.0	10.0	02/19/2025	ND	185	92.7	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 4 (2') (H250960-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	2.03	102	2.00	0.0159	
Toluene*	<0.050	0.050	02/19/2025	ND	2.29	115	2.00	6.28	
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.50	125	2.00	8.70	
Total Xylenes*	<0.150	0.150	02/19/2025	ND	7.54	126	6.00	9.58	
Total BTEX	<0.300	0.300	02/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	02/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	201	100	200	0.0279	
DRO >C10-C28*	<10.0	10.0	02/19/2025	ND	185	92.7	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.9 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 5 (0-1') (H250960-18)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	2.03	102	2.00	0.0159	
Toluene*	<0.050	0.050	02/19/2025	ND	2.29	115	2.00	6.28	
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.50	125	2.00	8.70	
Total Xylenes*	<0.150	0.150	02/19/2025	ND	7.54	126	6.00	9.58	
Total BTEX	<0.300	0.300	02/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	02/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	201	100	200	0.0279	
DRO >C10-C28*	24.1	10.0	02/19/2025	ND	185	92.7	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 5 (1.5') (H250960-19)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	2.03	102	2.00	0.0159	
Toluene*	0.050	0.050	02/19/2025	ND	2.29	115	2.00	6.28	
Ethylbenzene*	0.056	0.050	02/19/2025	ND	2.50	125	2.00	8.70	
Total Xylenes*	0.401	0.150	02/19/2025	ND	7.54	126	6.00	9.58	
Total BTEX	0.506	0.300	02/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	02/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	201	100	200	0.0279	
DRO >C10-C28*	172	10.0	02/19/2025	ND	185	92.7	200	1.12	
EXT DRO >C28-C36	13.2	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 5 (2') (H250960-20)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	2.03	102	2.00	0.0159	
Toluene*	<0.050	0.050	02/19/2025	ND	2.29	115	2.00	6.28	
Ethylbenzene*	0.050	0.050	02/19/2025	ND	2.50	125	2.00	8.70	
Total Xylenes*	0.356	0.150	02/19/2025	ND	7.54	126	6.00	9.58	
Total BTEX	0.406	0.300	02/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	02/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	201	100	200	0.0279	
DRO >C10-C28*	152	10.0	02/19/2025	ND	185	92.7	200	1.12	
EXT DRO >C28-C36	14.1	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.0 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 5 (3') (H250960-21)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	2.03	102	2.00	0.0159	
Toluene*	<0.050	0.050	02/19/2025	ND	2.29	115	2.00	6.28	
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.50	125	2.00	8.70	
Total Xylenes*	<0.150	0.150	02/19/2025	ND	7.54	126	6.00	9.58	
Total BTEX	<0.300	0.300	02/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	02/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	201	100	200	0.0279	
DRO >C10-C28*	39.5	10.0	02/19/2025	ND	185	92.7	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 98.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 5 (4') (H250960-22)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	2.03	102	2.00	0.0159	
Toluene*	<0.050	0.050	02/19/2025	ND	2.29	115	2.00	6.28	
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.50	125	2.00	8.70	
Total Xylenes*	<0.150	0.150	02/19/2025	ND	7.54	126	6.00	9.58	
Total BTEX	<0.300	0.300	02/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	02/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	201	100	200	0.0279	
DRO >C10-C28*	48.8	10.0	02/19/2025	ND	185	92.7	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 6 (0-1') (H250960-23)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	2.03	102	2.00	0.0159	
Toluene*	0.175	0.050	02/19/2025	ND	2.29	115	2.00	6.28	
Ethylbenzene*	0.569	0.050	02/19/2025	ND	2.50	125	2.00	8.70	
Total Xylenes*	4.38	0.150	02/19/2025	ND	7.54	126	6.00	9.58	
Total BTEX	5.13	0.300	02/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 147 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5500	16.0	02/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	205	10.0	02/19/2025	ND	201	100	200	0.0279	
DRO >C10-C28*	2030	10.0	02/19/2025	ND	185	92.7	200	1.12	
EXT DRO >C28-C36	372	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 7 (0-1') (H250960-24)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	2.03	102	2.00	0.0159	
Toluene*	0.225	0.050	02/19/2025	ND	2.29	115	2.00	6.28	
Ethylbenzene*	0.549	0.050	02/19/2025	ND	2.50	125	2.00	8.70	
Total Xylenes*	4.06	0.150	02/19/2025	ND	7.54	126	6.00	9.58	
Total BTEX	4.84	0.300	02/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 161 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1390	16.0	02/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	97.1	10.0	02/19/2025	ND	201	100	200	0.0279	
DRO >C10-C28*	1140	10.0	02/19/2025	ND	185	92.7	200	1.12	
EXT DRO >C28-C36	220	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 7 (1.5') (H250960-25)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	2.03	102	2.00	0.0159	
Toluene*	<0.050	0.050	02/19/2025	ND	2.29	115	2.00	6.28	
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.50	125	2.00	8.70	
Total Xylenes*	<0.150	0.150	02/19/2025	ND	7.54	126	6.00	9.58	
Total BTEX	<0.300	0.300	02/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	02/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	190	95.2	200	2.36	
DRO >C10-C28*	217	10.0	02/19/2025	ND	177	88.6	200	1.53	
EXT DRO >C28-C36	24.6	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 7 (2') (H250960-26)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	2.03	102	2.00	0.0159	
Toluene*	<0.050	0.050	02/19/2025	ND	2.29	115	2.00	6.28	
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.50	125	2.00	8.70	
Total Xylenes*	0.166	0.150	02/19/2025	ND	7.54	126	6.00	9.58	
Total BTEX	<0.300	0.300	02/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	02/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	190	95.2	200	2.36	
DRO >C10-C28*	244	10.0	02/19/2025	ND	177	88.6	200	1.53	
EXT DRO >C28-C36	26.3	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 7 (3') (H250960-27)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/19/2025	ND	2.03	102	2.00	0.0159		
Toluene*	<0.050	0.050	02/19/2025	ND	2.29	115	2.00	6.28		
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.50	125	2.00	8.70		
Total Xylenes*	<0.150	0.150	02/19/2025	ND	7.54	126	6.00	9.58		
Total BTEX	<0.300	0.300	02/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	02/19/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	190	95.2	200	2.36		
DRO >C10-C28*	138	10.0	02/19/2025	ND	177	88.6	200	1.53		
EXT DRO >C28-C36	10.4	10.0	02/19/2025	ND						

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 8 (0-1') (H250960-28)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	2.03	102	2.00	0.0159	
Toluene*	<0.050	0.050	02/19/2025	ND	2.29	115	2.00	6.28	
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.50	125	2.00	8.70	
Total Xylenes*	<0.150	0.150	02/19/2025	ND	7.54	126	6.00	9.58	
Total BTEX	<0.300	0.300	02/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	190	95.2	200	2.36	
DRO >C10-C28*	<10.0	10.0	02/19/2025	ND	177	88.6	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 8 (1.5') (H250960-29)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	2.03	102	2.00	0.0159	
Toluene*	<0.050	0.050	02/19/2025	ND	2.29	115	2.00	6.28	
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.50	125	2.00	8.70	
Total Xylenes*	<0.150	0.150	02/19/2025	ND	7.54	126	6.00	9.58	
Total BTEX	<0.300	0.300	02/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	190	95.2	200	2.36	
DRO >C10-C28*	<10.0	10.0	02/19/2025	ND	177	88.6	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.4 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 8 (2') (H250960-30)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	2.03	102	2.00	0.0159	
Toluene*	<0.050	0.050	02/19/2025	ND	2.29	115	2.00	6.28	
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.50	125	2.00	8.70	
Total Xylenes*	<0.150	0.150	02/19/2025	ND	7.54	126	6.00	9.58	
Total BTEX	<0.300	0.300	02/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	190	95.2	200	2.36	
DRO >C10-C28*	<10.0	10.0	02/19/2025	ND	177	88.6	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.9 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 8 (3') (H250960-31)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	2.03	102	2.00	0.0159	
Toluene*	<0.050	0.050	02/19/2025	ND	2.29	115	2.00	6.28	
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.50	125	2.00	8.70	
Total Xylenes*	<0.150	0.150	02/19/2025	ND	7.54	126	6.00	9.58	
Total BTEX	<0.300	0.300	02/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	190	95.2	200	2.36	
DRO >C10-C28*	<10.0	10.0	02/19/2025	ND	177	88.6	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 9 (0-1') (H250960-32)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	5.38	1.00	02/20/2025	ND	2.03	102	2.00	0.0159	
Toluene*	56.8	1.00	02/20/2025	ND	2.29	115	2.00	6.28	
Ethylbenzene*	21.1	1.00	02/20/2025	ND	2.50	125	2.00	8.70	
Total Xylenes*	107	3.00	02/20/2025	ND	7.54	126	6.00	9.58	
Total BTEX	191	6.00	02/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6240	16.0	02/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	1430	10.0	02/19/2025	ND	190	95.2	200	2.36		
DRO >C10-C28*	3880	10.0	02/19/2025	ND	177	88.6	200	1.53		
EXT DRO >C28-C36	519	10.0	02/19/2025	ND						

Surrogate: 1-Chlorooctane 204 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 9 (1.5') (H250960-33)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	2.03	102	2.00	0.0159	
Toluene*	0.087	0.050	02/19/2025	ND	2.29	115	2.00	6.28	
Ethylbenzene*	0.117	0.050	02/19/2025	ND	2.50	125	2.00	8.70	
Total Xylenes*	0.833	0.150	02/19/2025	ND	7.54	126	6.00	9.58	
Total BTEX	1.04	0.300	02/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5330	16.0	02/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	22.9	10.0	02/19/2025	ND	190	95.2	200	2.36	
DRO >C10-C28*	300	10.0	02/19/2025	ND	177	88.6	200	1.53	
EXT DRO >C28-C36	57.7	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.2 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 9 (2') (H250960-34)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	2.03	102	2.00	0.0159	
Toluene*	<0.050	0.050	02/19/2025	ND	2.29	115	2.00	6.28	
Ethylbenzene*	0.056	0.050	02/19/2025	ND	2.50	125	2.00	8.70	
Total Xylenes*	0.407	0.150	02/19/2025	ND	7.54	126	6.00	9.58	
Total BTEX	0.463	0.300	02/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5600	16.0	02/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	13.3	10.0	02/19/2025	ND	190	95.2	200	2.36	
DRO >C10-C28*	197	10.0	02/19/2025	ND	177	88.6	200	1.53	
EXT DRO >C28-C36	24.5	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.3 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 9 (3') (H250960-35)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	2.09	105	2.00	0.0285	
Toluene*	0.059	0.050	02/19/2025	ND	2.21	111	2.00	0.913	
Ethylbenzene*	0.120	0.050	02/19/2025	ND	2.27	114	2.00	1.08	
Total Xylenes*	0.965	0.150	02/19/2025	ND	6.95	116	6.00	1.30	
Total BTEX	1.14	0.300	02/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 126 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	02/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	22.4	10.0	02/19/2025	ND	190	95.2	200	2.36	
DRO >C10-C28*	318	10.0	02/19/2025	ND	177	88.6	200	1.53	
EXT DRO >C28-C36	35.1	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 9 (4') (H250960-36)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	2.09	105	2.00	0.0285	
Toluene*	<0.050	0.050	02/19/2025	ND	2.21	111	2.00	0.913	
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.27	114	2.00	1.08	
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.95	116	6.00	1.30	
Total BTEX	<0.300	0.300	02/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	02/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	190	95.2	200	2.36	
DRO >C10-C28*	119	10.0	02/19/2025	ND	177	88.6	200	1.53	
EXT DRO >C28-C36	14.0	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.0 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: HA50960

Page 1 of 4

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Todd Wells@eogresources.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Rowfields <input type="checkbox"/> RC <input type="checkbox"/> perfund
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Project Number:	Project Location:	Sampler's Name:	PO #:	Temp Blank:	Yes	No	Thermometer ID:	Yes	No	Wet Ice:	Yes	No	ANALYSIS REQUEST			Preservative Codes		
														Turn Around	Pres. Code	Parameters			
Diamond 34 Fed No. 2	2661	Lea County, New Mexico	SR & JM		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/> Routine				None: NO	DI Water: H ₂ O
														<input type="checkbox"/> Rush				Cool: Cool	MeOH: Me
																		HCL: HC	HNO ₃ : HN
																		H ₂ SO ₄ : H ₂	NaOH: Na
																		H ₃ PO ₄ : HP	
																		NaHSO ₄ : NABIS	
																		Na ₂ S ₂ O ₅ : NaSO ₃	
																		Zn Acetate+NaOH: Zn	
																		NaOH+Ascorbic Acid: SAPC	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Sample Identification	Date	Soil	Water	Grab/Comp	# of Cont	Parameters	Sample Comments
S-1 (0-1')	2/18/2025	X		G	1	BTEX 8021B	
S-1 (1.5')	2/18/2025	X		G	1	TPH 8015M (GRO + DRO + MRO)	
S-1 (2')	2/18/2025	X		G	1	Chloride 4500	
S-1 (3')	2/18/2025	X		G	1		
S-1 (4')	2/18/2025	X		G	1		
S-2 (0-1')	2/18/2025	X		G	1		
S-2 (1.5')	2/18/2025	X		G	1		
S-2 (2')	2/18/2025	X		G	1		
S-2 (3')	2/18/2025	X		G	1		
S-2 (4')	2/18/2025	X		G	1		

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2/18-25 12:47		

Chain of Custody

Work Order No: A350960

Page 2 of 4

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Todd Wells@eogresources.com

Program:	UST/PST	<input type="checkbox"/> PRP	<input type="checkbox"/> Brownfields	<input type="checkbox"/> RC	<input type="checkbox"/> perfund
State of Project:					
Reporting Level:	Level II	<input type="checkbox"/>	Level III	<input type="checkbox"/>	Level IV
Deliverables:	EDD	<input type="checkbox"/>	ADAPT	<input type="checkbox"/>	Other:

Project Name:	Diamond 34 Fed No. 2	Turn Around	<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush	Pres. Code	
Project Number:	2661	Due Date:				
Project Location:	Lea County, New Mexico	Sampler's Name:	SR & JM			
PO #:		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
SAMPLE RECEIPT		Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	#1140	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	N/A	Temperature Reading:	54.2	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	N/A	Corrected Temperature:	57.2	
Total Containers:		Corrected Temperature:				

Sample Identification	Date	Soil	Water	Grab/Comp	# of Cont	Parameters			Sample Comments
						BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
S-3 (0-1')	2/18/2025	X		G	1	X	X	X	
S-3 (1.5')	2/18/2025	X		G	1	X	X	X	
S-3 (2')	2/18/2025	X		G	1	X	X	X	
S-3 (3')	2/18/2025	X		G	1	X	X	X	
S-4 (0-1')	2/18/2025	X		G	1	X	X	X	
S-4 (1.5')	2/18/2025	X		G	1	X	X	X	
S-4 (2')	2/18/2025	X		G	1	X	X	X	
S-5 (0-1')	2/18/2025	X		G	1	X	X	X	
S-5 (1.5')	2/18/2025	X		G	1	X	X	X	
S-5 (2')	2/18/2025	X		G	1	X	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2-18-25-1247		

Chain of Custody

Work Order No:

HS0960

Page 3 of 4

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Todd Wells@eogresources.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Rowfields <input type="checkbox"/> RRC <input type="checkbox"/> Infield <input type="checkbox"/>
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Diamond 34 Fed No. 2	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code		ANALYSIS REQUEST	Preservative Codes
Project Number:	2661	Due Date:					None: NO DI Water: H ₂ O Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ NaOH: Na H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
Project Location:	Lea County, New Mexico						
Sampler's Name:	SR & JM						
PO #:							
SAMPLE RECEIPT	Temp Blank: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID: #140			
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	N/A	Correction Factor: 10.32				
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	N/A	Temperature Reading: 5.42				
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	N/A	Corrected Temperature: 5.72				
Total Containers:							

Sample Identification	Date	Soil	Water	Grab/Comp	# of Cont	Parameters			Sample Comments
						BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
S-5 (3)	2/18/2025	X		G	1	X	X	X	
S-5 (4)	2/18/2025	X		G	1	X	X	X	
S-6 (0-1)	2/18/2025	X		G	1	X	X	X	
S-7 (0-1)	2/18/2025	X		G	1	X	X	X	
S-7 (1.5)	2/18/2025	X		G	1	X	X	X	
S-7 (2)	2/18/2025	X		G	1	X	X	X	
S-7 (3)	2/18/2025	X		G	1	X	X	X	
S-8 (0-1)	2/18/2025	X		G	1	X	X	X	
S-8 (1.5)	2/18/2025	X		G	1	X	X	X	
S-8 (2)	2/18/2025	X		G	1	X	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2/18/25 12:47		

Chain of Custody

Work Order No:

1250960

Page 4 of 4

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Todd Wells@eogresources.com

Program:	UST/PST	<input type="checkbox"/> PRP	<input type="checkbox"/> Brownfields	<input type="checkbox"/> RC	<input type="checkbox"/> Pertund
State of Project:					
Reporting Level:	Level II	<input type="checkbox"/> Level III	<input type="checkbox"/> ST/UST	<input type="checkbox"/> RRP	<input type="checkbox"/> Level IV
Deliverables:	EDD	<input type="checkbox"/> ADAPT	<input type="checkbox"/> Other:		

Project Name:	Diamond 34 Fed No. 2	Turn Around	<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST					Preservative Codes	
Project Number:	2661	Due Date:										None: NO
Project Location:	Lea County, New Mexico											Cool: Cool
Sampler's Name:	SR & JM											HCL: HC
PO #:												H ₂ SO ₄ : H ₂

Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Wet Ice:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Parameters					H ₃ PO ₄ : HP
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/>	Correction Factor:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/>			BTEX 8021B					NaHSO ₄ : NABIS
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/>	Temperature Reading:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/>			TPH 8015M (GRO + DRO + MRO)					Na ₂ S ₂ O ₅ : NaSO ₃
Total Containers:		Corrected Temperature:									Zn Acetate+NaOH: Zn

Sample Identification	Date	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST					Sample Comments	
S-8 (3)	2/18/2025	X		G	1	X	X	X				
S-9 (0-1)	2/18/2025	X		G	1	X	X	X				
S-9 (1.5)	2/18/2025	X		G	1	X	X	X				
S-9 (2)	2/18/2025	X		G	1	X	X	X				
S-9 (3)	2/18/2025	X		G	1	X	X	X				
S-9 (4)	2/18/2025	X		G	1	X	X	X				

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2-18-25 12:17		



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

February 24, 2025

CONNER MOEHRING
CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND, TX 79701

RE: DIAMOND 34 FED NO.2

Enclosed are the results of analyses for samples received by the laboratory on 02/18/25 12:47.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: H - 1 (0-0.5') (H250961-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	2.09	105	2.00	0.0285	
Toluene*	<0.050	0.050	02/19/2025	ND	2.21	111	2.00	0.913	
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.27	114	2.00	1.08	
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.95	116	6.00	1.30	
Total BTEX	<0.300	0.300	02/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	190	95.2	200	2.36	
DRO >C10-C28*	<10.0	10.0	02/19/2025	ND	177	88.6	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.3 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: H - 2 (0-0.5') (H250961-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	2.09	105	2.00	0.0285	
Toluene*	<0.050	0.050	02/19/2025	ND	2.21	111	2.00	0.913	
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.27	114	2.00	1.08	
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.95	116	6.00	1.30	
Total BTEX	<0.300	0.300	02/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	190	95.2	200	2.36	
DRO >C10-C28*	<10.0	10.0	02/19/2025	ND	177	88.6	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.5 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: H - 3 (0-0.5') (H250961-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	2.09	105	2.00	0.0285	
Toluene*	<0.050	0.050	02/19/2025	ND	2.21	111	2.00	0.913	
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.27	114	2.00	1.08	
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.95	116	6.00	1.30	
Total BTEX	<0.300	0.300	02/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	190	95.2	200	2.36	
DRO >C10-C28*	<10.0	10.0	02/19/2025	ND	177	88.6	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: H - 4 (0-0.5') (H250961-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	2.09	105	2.00	0.0285	
Toluene*	<0.050	0.050	02/19/2025	ND	2.21	111	2.00	0.913	
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.27	114	2.00	1.08	
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.95	116	6.00	1.30	
Total BTEX	<0.300	0.300	02/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	190	95.2	200	2.36	
DRO >C10-C28*	90.6	10.0	02/19/2025	ND	177	88.6	200	1.53	
EXT DRO >C28-C36	13.3	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.3 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: H - 5 (0-0.5') (H250961-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	2.09	105	2.00	0.0285	
Toluene*	<0.050	0.050	02/19/2025	ND	2.21	111	2.00	0.913	
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.27	114	2.00	1.08	
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.95	116	6.00	1.30	
Total BTEX	<0.300	0.300	02/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	190	95.2	200	2.36	
DRO >C10-C28*	<10.0	10.0	02/19/2025	ND	177	88.6	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.1 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: H - 6 (0-0.5') (H250961-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	2.09	105	2.00	0.0285	
Toluene*	<0.050	0.050	02/19/2025	ND	2.21	111	2.00	0.913	
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.27	114	2.00	1.08	
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.95	116	6.00	1.30	
Total BTEX	<0.300	0.300	02/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	190	95.2	200	2.36	
DRO >C10-C28*	<10.0	10.0	02/19/2025	ND	177	88.6	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.4 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: H - 7 (0-0.5') (H250961-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	2.09	105	2.00	0.0285	
Toluene*	<0.050	0.050	02/19/2025	ND	2.21	111	2.00	0.913	
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.27	114	2.00	1.08	
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.95	116	6.00	1.30	
Total BTEX	<0.300	0.300	02/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	190	95.2	200	2.36	
DRO >C10-C28*	<10.0	10.0	02/19/2025	ND	177	88.6	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: H - 8 (0-0.5') (H250961-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	2.09	105	2.00	0.0285	
Toluene*	<0.050	0.050	02/19/2025	ND	2.21	111	2.00	0.913	
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.27	114	2.00	1.08	
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.95	116	6.00	1.30	
Total BTEX	<0.300	0.300	02/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	190	95.2	200	2.36	
DRO >C10-C28*	<10.0	10.0	02/19/2025	ND	177	88.6	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/18/2025	Sampling Date:	02/18/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: H - 9 (0-0.5') (H250961-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	2.09	105	2.00	0.0285	
Toluene*	<0.050	0.050	02/19/2025	ND	2.21	111	2.00	0.913	
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.27	114	2.00	1.08	
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.95	116	6.00	1.30	
Total BTEX	<0.300	0.300	02/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	183	91.4	200	2.38	
DRO >C10-C28*	<10.0	10.0	02/19/2025	ND	181	90.5	200	3.35	
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 98.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: A250961

Page 1 of 1

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Todd Wells@eogresources.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> perfund
State of Project:	Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

02/18/2025

Comments: Email to Mike Carmona / Mcarmona@carmonareresources.com and Conner Moehring / Cmoehring@carmonareresources.com

Sample Identification	Date	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST			Preservative Codes
						BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
H-1 (0-0.5')	2/18/2025	X		G	1	X	X	X	None: NO DI Water: H ₂ O
H-2 (0-0.5')	2/18/2025	X		G	1	X	X	X	Cool: Cool MeOH: Me
H-3 (0-0.5')	2/18/2025	X		G	1	X	X	X	HCL: HC HNO ₃ : HN
H-4 (0-0.5')	2/18/2025	X		G	1	X	X	X	H ₂ SO ₄ : H ₂ NaOH: Na
H-5 (0-0.5')	2/18/2025	X		G	1	X	X	X	H ₃ PO ₄ : HP
H-6 (0-0.5')	2/18/2025	X		G	1	X	X	X	NaHSO ₄ : NABIS
H-7 (0-0.5')	2/18/2025	X		G	1	X	X	X	Na ₂ S ₂ O ₃ : NaSO ₃
H-8 (0-0.5')	2/18/2025	X		G	1	X	X	X	Zn Acetate+NaOH: Zn
H-9 (0-0.5')	2/18/2025	X		G	1	X	X	X	NaOH+Ascorbic Acid: SAPC

SAMPLE RECEIPT

Received Intact: Yes No

Cooler Custody Seals: Yes No

Sample Custody Seals: Yes No

Total Containers: N/A

Temp Blank: Yes No

Thermometer ID: #140

Correction Factor: +0.3°C

Temperature Reading: 5.4°C

Corrected Temperature: 5.7°C

Wet Ice: Yes No

Project Name: Diamond 34 Fed No. 2

Project Number: 2661

Project Location: Lea County, New Mexico

Sampler's Name: SR & JM

PO #:

Turn Around: Routine Rush

Due Date:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>	2-18-25 1247	<i>[Signature]</i>	



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

June 20, 2025

CONNER MOEHRING
CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND, TX 79701

RE: DIAMOND 34 FED NO.2

Enclosed are the results of analyses for samples received by the laboratory on 06/19/25 13:56.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/19/2025	Sampling Date:	06/19/2025
Reported:	06/20/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 1 (4.5') (H253672-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/19/2025	ND	1.82	91.0	2.00	1.86	
Toluene*	<0.050	0.050	06/19/2025	ND	1.88	94.1	2.00	0.623	
Ethylbenzene*	<0.050	0.050	06/19/2025	ND	1.91	95.6	2.00	0.338	
Total Xylenes*	<0.150	0.150	06/19/2025	ND	5.91	98.5	6.00	0.0457	
Total BTEX	<0.300	0.300	06/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/20/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2025	ND	201	100	200	2.80	
DRO >C10-C28*	219	10.0	06/19/2025	ND	191	95.4	200	3.72	
EXT DRO >C28-C36	46.0	10.0	06/19/2025	ND					

Surrogate: 1-Chlorooctane 110 % 44.4-145

Surrogate: 1-Chlorooctadecane 115 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/19/2025	Sampling Date:	06/19/2025
Reported:	06/20/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 2 (4.5') (H253672-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/19/2025	ND	1.82	91.0	2.00	1.86	
Toluene*	<0.050	0.050	06/19/2025	ND	1.88	94.1	2.00	0.623	
Ethylbenzene*	<0.050	0.050	06/19/2025	ND	1.91	95.6	2.00	0.338	
Total Xylenes*	<0.150	0.150	06/19/2025	ND	5.91	98.5	6.00	0.0457	
Total BTEX	<0.300	0.300	06/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/20/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2025	ND	201	100	200	2.80	
DRO >C10-C28*	484	10.0	06/19/2025	ND	191	95.4	200	3.72	
EXT DRO >C28-C36	107	10.0	06/19/2025	ND					

Surrogate: 1-Chlorooctane 100 % 44.4-145

Surrogate: 1-Chlorooctadecane 104 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/19/2025	Sampling Date:	06/19/2025
Reported:	06/20/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 3 (4.5') (H253672-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/19/2025	ND	1.82	91.0	2.00	1.86	
Toluene*	<0.050	0.050	06/19/2025	ND	1.88	94.1	2.00	0.623	
Ethylbenzene*	<0.050	0.050	06/19/2025	ND	1.91	95.6	2.00	0.338	
Total Xylenes*	<0.150	0.150	06/19/2025	ND	5.91	98.5	6.00	0.0457	
Total BTEX	<0.300	0.300	06/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/20/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2025	ND	201	100	200	2.80	
DRO >C10-C28*	434	10.0	06/19/2025	ND	191	95.4	200	3.72	
EXT DRO >C28-C36	97.0	10.0	06/19/2025	ND					

Surrogate: 1-Chlorooctane 99.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 105 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/19/2025	Sampling Date:	06/19/2025
Reported:	06/20/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 4 (4.5') (H253672-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/19/2025	ND	1.82	91.0	2.00	1.86	
Toluene*	<0.050	0.050	06/19/2025	ND	1.88	94.1	2.00	0.623	
Ethylbenzene*	<0.050	0.050	06/19/2025	ND	1.91	95.6	2.00	0.338	
Total Xylenes*	<0.150	0.150	06/19/2025	ND	5.91	98.5	6.00	0.0457	
Total BTEX	<0.300	0.300	06/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/20/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2025	ND	201	100	200	2.80	
DRO >C10-C28*	270	10.0	06/19/2025	ND	191	95.4	200	3.72	
EXT DRO >C28-C36	58.8	10.0	06/19/2025	ND					

Surrogate: 1-Chlorooctane 106 % 44.4-145

Surrogate: 1-Chlorooctadecane 108 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/19/2025	Sampling Date:	06/19/2025
Reported:	06/20/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 5 (4.5') (H253672-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/19/2025	ND	1.82	91.0	2.00	1.86		
Toluene*	<0.050	0.050	06/19/2025	ND	1.88	94.1	2.00	0.623		
Ethylbenzene*	<0.050	0.050	06/19/2025	ND	1.91	95.6	2.00	0.338		
Total Xylenes*	<0.150	0.150	06/19/2025	ND	5.91	98.5	6.00	0.0457		
Total BTEX	<0.300	0.300	06/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/20/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/19/2025	ND	201	100	200	2.80		
DRO >C10-C28*	274	10.0	06/19/2025	ND	191	95.4	200	3.72		
EXT DRO >C28-C36	58.6	10.0	06/19/2025	ND						

Surrogate: 1-Chlorooctane 98.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 101 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/19/2025	Sampling Date:	06/19/2025
Reported:	06/20/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 6 (4.5') (H253672-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/19/2025	ND	2.13	106	2.00	4.60		
Toluene*	<0.050	0.050	06/19/2025	ND	1.90	95.2	2.00	2.58		
Ethylbenzene*	<0.050	0.050	06/19/2025	ND	1.94	97.2	2.00	0.925	QR-03	
Total Xylenes*	<0.150	0.150	06/19/2025	ND	6.03	101	6.00	0.479		
Total BTEX	<0.300	0.300	06/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	06/20/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/19/2025	ND	201	100	200	2.80		
DRO >C10-C28*	261	10.0	06/19/2025	ND	191	95.4	200	3.72		
EXT DRO >C28-C36	57.5	10.0	06/19/2025	ND						

Surrogate: 1-Chlorooctane 98.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 101 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/19/2025	Sampling Date:	06/19/2025
Reported:	06/20/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 7 (4.5') (H253672-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/19/2025	ND	2.13	106	2.00	4.60	
Toluene*	<0.050	0.050	06/19/2025	ND	1.90	95.2	2.00	2.58	
Ethylbenzene*	<0.050	0.050	06/19/2025	ND	1.94	97.2	2.00	0.925	
Total Xylenes*	<0.150	0.150	06/19/2025	ND	6.03	101	6.00	0.479	
Total BTEX	<0.300	0.300	06/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/20/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2025	ND	201	100	200	2.80	
DRO >C10-C28*	296	10.0	06/19/2025	ND	191	95.4	200	3.72	
EXT DRO >C28-C36	65.7	10.0	06/19/2025	ND					

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 105 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/19/2025	Sampling Date:	06/19/2025
Reported:	06/20/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 8 (4.5') (H253672-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/19/2025	ND	2.13	106	2.00	4.60	
Toluene*	<0.050	0.050	06/19/2025	ND	1.90	95.2	2.00	2.58	
Ethylbenzene*	<0.050	0.050	06/19/2025	ND	1.94	97.2	2.00	0.925	
Total Xylenes*	<0.150	0.150	06/19/2025	ND	6.03	101	6.00	0.479	
Total BTEX	<0.300	0.300	06/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/20/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2025	ND	201	100	200	2.80	
DRO >C10-C28*	273	10.0	06/19/2025	ND	191	95.4	200	3.72	
EXT DRO >C28-C36	57.9	10.0	06/19/2025	ND					

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 107 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/19/2025	Sampling Date:	06/19/2025
Reported:	06/20/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 9 (4.5') (H253672-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/19/2025	ND	2.13	106	2.00	4.60	
Toluene*	<0.050	0.050	06/19/2025	ND	1.90	95.2	2.00	2.58	
Ethylbenzene*	<0.050	0.050	06/19/2025	ND	1.94	97.2	2.00	0.925	
Total Xylenes*	<0.150	0.150	06/19/2025	ND	6.03	101	6.00	0.479	
Total BTEX	<0.300	0.300	06/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/20/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2025	ND	201	100	200	2.80	
DRO >C10-C28*	258	10.0	06/19/2025	ND	191	95.4	200	3.72	
EXT DRO >C28-C36	55.7	10.0	06/19/2025	ND					

Surrogate: 1-Chlorooctane 103 % 44.4-145

Surrogate: 1-Chlorooctadecane 110 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/19/2025	Sampling Date:	06/19/2025
Reported:	06/20/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 10 (4.5') (H253672-10)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/19/2025	ND	2.13	106	2.00	4.60		
Toluene*	<0.050	0.050	06/19/2025	ND	1.90	95.2	2.00	2.58		
Ethylbenzene*	<0.050	0.050	06/19/2025	ND	1.94	97.2	2.00	0.925		
Total Xylenes*	<0.150	0.150	06/19/2025	ND	6.03	101	6.00	0.479		
Total BTEX	<0.300	0.300	06/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/20/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/19/2025	ND	201	100	200	2.80		
DRO >C10-C28*	260	10.0	06/19/2025	ND	191	95.4	200	3.72		
EXT DRO >C28-C36	55.2	10.0	06/19/2025	ND						

Surrogate: 1-Chlorooctane 99.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 104 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/19/2025	Sampling Date:	06/19/2025
Reported:	06/20/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 11 (4.5') (H253672-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/19/2025	ND	2.13	106	2.00	4.60	
Toluene*	<0.050	0.050	06/19/2025	ND	1.90	95.2	2.00	2.58	
Ethylbenzene*	<0.050	0.050	06/19/2025	ND	1.94	97.2	2.00	0.925	
Total Xylenes*	<0.150	0.150	06/19/2025	ND	6.03	101	6.00	0.479	
Total BTEX	<0.300	0.300	06/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/20/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2025	ND	201	100	200	2.80	
DRO >C10-C28*	420	10.0	06/19/2025	ND	191	95.4	200	3.72	
EXT DRO >C28-C36	95.0	10.0	06/19/2025	ND					

Surrogate: 1-Chlorooctane 105 % 44.4-145

Surrogate: 1-Chlorooctadecane 111 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/19/2025	Sampling Date:	06/19/2025
Reported:	06/20/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 1 (4.5') (H253672-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/19/2025	ND	2.13	106	2.00	4.60	
Toluene*	<0.050	0.050	06/19/2025	ND	1.90	95.2	2.00	2.58	
Ethylbenzene*	<0.050	0.050	06/19/2025	ND	1.94	97.2	2.00	0.925	
Total Xylenes*	<0.150	0.150	06/19/2025	ND	6.03	101	6.00	0.479	
Total BTEX	<0.300	0.300	06/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/20/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2025	ND	201	100	200	2.80	
DRO >C10-C28*	<10.0	10.0	06/19/2025	ND	191	95.4	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	06/19/2025	ND					

Surrogate: 1-Chlorooctane 106 % 44.4-145

Surrogate: 1-Chlorooctadecane 105 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/19/2025	Sampling Date:	06/19/2025
Reported:	06/20/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 2 (4.5') (H253672-13)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/19/2025	ND	2.13	106	2.00	4.60		
Toluene*	<0.050	0.050	06/19/2025	ND	1.90	95.2	2.00	2.58		
Ethylbenzene*	<0.050	0.050	06/19/2025	ND	1.94	97.2	2.00	0.925		
Total Xylenes*	<0.150	0.150	06/19/2025	ND	6.03	101	6.00	0.479		
Total BTEX	<0.300	0.300	06/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/20/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/19/2025	ND	201	100	200	2.80		
DRO >C10-C28*	<10.0	10.0	06/19/2025	ND	191	95.4	200	3.72		
EXT DRO >C28-C36	<10.0	10.0	06/19/2025	ND						

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 103 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/19/2025	Sampling Date:	06/19/2025
Reported:	06/20/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 3 (4.5') (H253672-14)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/19/2025	ND	2.13	106	2.00	4.60		
Toluene*	<0.050	0.050	06/19/2025	ND	1.90	95.2	2.00	2.58		
Ethylbenzene*	<0.050	0.050	06/19/2025	ND	1.94	97.2	2.00	0.925		
Total Xylenes*	<0.150	0.150	06/19/2025	ND	6.03	101	6.00	0.479		
Total BTEX	<0.300	0.300	06/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/20/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/19/2025	ND	201	100	200	2.80		
DRO >C10-C28*	<10.0	10.0	06/19/2025	ND	191	95.4	200	3.72		
EXT DRO >C28-C36	<10.0	10.0	06/19/2025	ND						

Surrogate: 1-Chlorooctane 110 % 44.4-145

Surrogate: 1-Chlorooctadecane 110 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/19/2025	Sampling Date:	06/19/2025
Reported:	06/20/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 4 (4.5') (H253672-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/19/2025	ND	2.13	106	2.00	4.60	
Toluene*	<0.050	0.050	06/19/2025	ND	1.90	95.2	2.00	2.58	
Ethylbenzene*	<0.050	0.050	06/19/2025	ND	1.94	97.2	2.00	0.925	
Total Xylenes*	<0.150	0.150	06/19/2025	ND	6.03	101	6.00	0.479	
Total BTEX	<0.300	0.300	06/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/20/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2025	ND	201	100	200	2.80	
DRO >C10-C28*	<10.0	10.0	06/19/2025	ND	191	95.4	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	06/19/2025	ND					

Surrogate: 1-Chlorooctane 108 % 44.4-145

Surrogate: 1-Chlorooctadecane 107 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/19/2025	Sampling Date:	06/19/2025
Reported:	06/20/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 5 (4.5') (H253672-16)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/19/2025	ND	2.13	106	2.00	4.60		
Toluene*	<0.050	0.050	06/19/2025	ND	1.90	95.2	2.00	2.58		
Ethylbenzene*	<0.050	0.050	06/19/2025	ND	1.94	97.2	2.00	0.925		
Total Xylenes*	<0.150	0.150	06/19/2025	ND	6.03	101	6.00	0.479		
Total BTEX	<0.300	0.300	06/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/20/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/19/2025	ND	201	100	200	2.80		
DRO >C10-C28*	<10.0	10.0	06/19/2025	ND	191	95.4	200	3.72		
EXT DRO >C28-C36	<10.0	10.0	06/19/2025	ND						

Surrogate: 1-Chlorooctane 98.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 97.3 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/19/2025	Sampling Date:	06/19/2025
Reported:	06/20/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 6 (4.5') (H253672-17)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/19/2025	ND	2.13	106	2.00	4.60		
Toluene*	<0.050	0.050	06/19/2025	ND	1.90	95.2	2.00	2.58		
Ethylbenzene*	<0.050	0.050	06/19/2025	ND	1.94	97.2	2.00	0.925		
Total Xylenes*	<0.150	0.150	06/19/2025	ND	6.03	101	6.00	0.479		
Total BTEX	<0.300	0.300	06/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/20/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/19/2025	ND	201	100	200	2.80		
DRO >C10-C28*	<10.0	10.0	06/19/2025	ND	191	95.4	200	3.72		
EXT DRO >C28-C36	<10.0	10.0	06/19/2025	ND						

Surrogate: 1-Chlorooctane 50.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 48.5 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCS/D recovery and/or RPD values.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: HA53072

Page 1 of 2

Project Manager:	Conner Moehring	Bill to: (if different)	James Kennedy
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	(432) 813-6823	Email:	James.Kennedy@eogresources.com

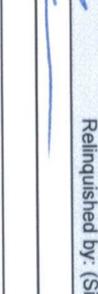
Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Diamond 34 Fed No. 2	Turn Around:	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	
Project Number:	2661	Due Date:	24 HR TAT		
Project Location:	Lea County, New Mexico				
Sampler's Name:	CMM				
PO #:					

Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Total Containers:					

Sample Identification	Date	Soil	Water	Grab/Comp	# of Cont	Parameters	Preservative Codes	Sample Comments
CS-1 (4.5')	6/19/2025	X		Comp	1	BTEX 8021B	None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂	DI Water: H ₂ O MeOH: Me HNO ₃ : HN NaOH: Na
CS-2 (4.5')	6/19/2025	X		Comp	1	TPH 8015M (GRO + DRO + MRO)		
CS-3 (4.5')	6/19/2025	X		Comp	1	Chloride 4500		
CS-4 (4.5')	6/19/2025	X		Comp	1			
CS-5 (4.5')	6/19/2025	X		Comp	1			
CS-6 (4.5')	6/19/2025	X		Comp	1			
CS-7 (4.5')	6/19/2025	X		Comp	1			
CS-8 (4.5')	6/19/2025	X		Comp	1			
CS-9 (4.5')	6/19/2025	X		Comp	1			
CS-10 (4.5')	6/19/2025	X		Comp	1			

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	6-19-25 1356		

Chain of Custody

Work Order No: ARS307A

Page 2 of 2

Project Manager:	Commer Moehring	Bill to: (if different)	James Kennedy
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500 Midland, TX 79701	Address:	5509 Champions Dr Midland, Tx 79706
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	(432) 813-6823	Email:	James.Kennedy@eogresources.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	State of Project: <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Reporting Level: <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: <input type="checkbox"/>

Project Name:	Diamond 34 Fed No. 2	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code		ANALYSIS REQUEST	Preservative Codes
Project Number:	2661	Due Date:	24 HR TAT				None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPP
Project Location:	Lea County, New Mexico						
Sampler's Name:	CMM						
PO #:							

Sample Identification	Date	Soil	Water	Grab/Comp	# of Cont	Parameters	Sample Comments
CS-11 (4.5')	6/19/2025	X		Comp	1	BTEX 8021B	11
SW-1 (4.5')	6/19/2025	X		Comp	1	TPH 8015M (GRO + DRO + MRO)	12
SW-2 (4.5')	6/19/2025	X		Comp	1	Chloride 4500	13
SW-3 (4.5')	6/19/2025	X		Comp	1		14
SW-4 (4.5')	6/19/2025	X		Comp	1		15
SW-5 (4.5')	6/19/2025	X		Comp	1		16
SW-6 (4.5')	6/19/2025	X		Comp	1		17

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Commer Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	09.25.1500		



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

June 24, 2025

CONNER MOEHRING
CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND, TX 79701

RE: DIAMOND 34 FED NO.2

Enclosed are the results of analyses for samples received by the laboratory on 06/23/25 14:35.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 12 (3') (H253766-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2025	ND	2.00	100	2.00	5.99	
Toluene*	<0.050	0.050	06/23/2025	ND	1.98	98.8	2.00	2.63	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	1.99	99.3	2.00	1.68	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.16	103	6.00	1.98	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	06/24/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2025	ND	212	106	200	13.5	
DRO >C10-C28*	<10.0	10.0	06/23/2025	ND	189	94.3	200	17.0	
EXT DRO >C28-C36	<10.0	10.0	06/23/2025	ND					

Surrogate: 1-Chlorooctane 130 % 44.4-145

Surrogate: 1-Chlorooctadecane 133 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 13 (3') (H253766-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2025	ND	2.00	100	2.00	5.99		
Toluene*	<0.050	0.050	06/23/2025	ND	1.98	98.8	2.00	2.63		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	1.99	99.3	2.00	1.68		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.16	103	6.00	1.98		
Total BTEX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	06/24/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/23/2025	ND	212	106	200	13.5		
DRO >C10-C28*	<10.0	10.0	06/23/2025	ND	189	94.3	200	17.0		
EXT DRO >C28-C36	<10.0	10.0	06/23/2025	ND						

Surrogate: 1-Chlorooctane 123 % 44.4-145

Surrogate: 1-Chlorooctadecane 124 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 14 (3') (H253766-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2025	ND	2.00	100	2.00	5.99		
Toluene*	<0.050	0.050	06/23/2025	ND	1.98	98.8	2.00	2.63		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	1.99	99.3	2.00	1.68		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.16	103	6.00	1.98		
Total BTEX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	06/24/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/23/2025	ND	212	106	200	13.5		
DRO >C10-C28*	<10.0	10.0	06/23/2025	ND	189	94.3	200	17.0		
EXT DRO >C28-C36	<10.0	10.0	06/23/2025	ND						

Surrogate: 1-Chlorooctane 127 % 44.4-145

Surrogate: 1-Chlorooctadecane 127 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 15 (3') (H253766-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2025	ND	2.00	100	2.00	5.99		
Toluene*	<0.050	0.050	06/23/2025	ND	1.98	98.8	2.00	2.63		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	1.99	99.3	2.00	1.68		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.16	103	6.00	1.98		
Total BTEX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	06/24/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/23/2025	ND	212	106	200	13.5		
DRO >C10-C28*	<10.0	10.0	06/23/2025	ND	189	94.3	200	17.0		
EXT DRO >C28-C36	<10.0	10.0	06/23/2025	ND						

Surrogate: 1-Chlorooctane 119 % 44.4-145

Surrogate: 1-Chlorooctadecane 118 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 16 (3') (H253766-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2025	ND	2.00	100	2.00	5.99		
Toluene*	<0.050	0.050	06/23/2025	ND	1.98	98.8	2.00	2.63		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	1.99	99.3	2.00	1.68		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.16	103	6.00	1.98		
Total BTEX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	06/24/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/23/2025	ND	212	106	200	13.5		
DRO >C10-C28*	<10.0	10.0	06/23/2025	ND	189	94.3	200	17.0		
EXT DRO >C28-C36	<10.0	10.0	06/23/2025	ND						

Surrogate: 1-Chlorooctane 127 % 44.4-145

Surrogate: 1-Chlorooctadecane 127 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 17 (3') (H253766-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2025	ND	2.00	100	2.00	5.99		
Toluene*	<0.050	0.050	06/23/2025	ND	1.98	98.8	2.00	2.63		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	1.99	99.3	2.00	1.68		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.16	103	6.00	1.98		
Total BTEX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	06/24/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/23/2025	ND	212	106	200	13.5		
DRO >C10-C28*	<10.0	10.0	06/23/2025	ND	189	94.3	200	17.0		
EXT DRO >C28-C36	<10.0	10.0	06/23/2025	ND						

Surrogate: 1-Chlorooctane 118 % 44.4-145

Surrogate: 1-Chlorooctadecane 118 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 18 (3') (H253766-07)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2025	ND	2.00	100	2.00	5.99		
Toluene*	<0.050	0.050	06/23/2025	ND	1.98	98.8	2.00	2.63		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	1.99	99.3	2.00	1.68		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.16	103	6.00	1.98		
Total BTEX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	06/24/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/23/2025	ND	212	106	200	13.5		
DRO >C10-C28*	<10.0	10.0	06/23/2025	ND	189	94.3	200	17.0		
EXT DRO >C28-C36	<10.0	10.0	06/23/2025	ND						

Surrogate: 1-Chlorooctane 122 % 44.4-145

Surrogate: 1-Chlorooctadecane 128 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 19 (3') (H253766-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2025	ND	2.00	100	2.00	5.99		
Toluene*	<0.050	0.050	06/23/2025	ND	1.98	98.8	2.00	2.63		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	1.99	99.3	2.00	1.68		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.16	103	6.00	1.98		
Total BTEX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	06/24/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/23/2025	ND	212	106	200	13.5		
DRO >C10-C28*	<10.0	10.0	06/23/2025	ND	189	94.3	200	17.0		
EXT DRO >C28-C36	<10.0	10.0	06/23/2025	ND						

Surrogate: 1-Chlorooctane 121 % 44.4-145

Surrogate: 1-Chlorooctadecane 122 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 20 (3') (H253766-09)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2025	ND	2.00	100	2.00	5.99		
Toluene*	<0.050	0.050	06/23/2025	ND	1.98	98.8	2.00	2.63		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	1.99	99.3	2.00	1.68		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.16	103	6.00	1.98		
Total BTEX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	06/24/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/23/2025	ND	212	106	200	13.5		
DRO >C10-C28*	<10.0	10.0	06/23/2025	ND	189	94.3	200	17.0		
EXT DRO >C28-C36	<10.0	10.0	06/23/2025	ND						

Surrogate: 1-Chlorooctane 125 % 44.4-145

Surrogate: 1-Chlorooctadecane 125 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 21 (3') (H253766-10)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2025	ND	2.00	100	2.00	5.99		
Toluene*	<0.050	0.050	06/23/2025	ND	1.98	98.8	2.00	2.63		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	1.99	99.3	2.00	1.68		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.16	103	6.00	1.98		
Total BTEX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	06/24/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/23/2025	ND	212	106	200	13.5		
DRO >C10-C28*	<10.0	10.0	06/23/2025	ND	189	94.3	200	17.0		
EXT DRO >C28-C36	<10.0	10.0	06/23/2025	ND						

Surrogate: 1-Chlorooctane 120 % 44.4-145

Surrogate: 1-Chlorooctadecane 120 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 22 (3') (H253766-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2025	ND	2.00	100	2.00	5.99	
Toluene*	<0.050	0.050	06/23/2025	ND	1.98	98.8	2.00	2.63	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	1.99	99.3	2.00	1.68	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.16	103	6.00	1.98	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	06/24/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2025	ND	212	106	200	13.5	
DRO >C10-C28*	25.3	10.0	06/24/2025	ND	189	94.3	200	17.0	
EXT DRO >C28-C36	<10.0	10.0	06/24/2025	ND					

Surrogate: 1-Chlorooctane 124 % 44.4-145

Surrogate: 1-Chlorooctadecane 125 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 23 (3') (H253766-12)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2025	ND	2.00	100	2.00	5.99		
Toluene*	<0.050	0.050	06/23/2025	ND	1.98	98.8	2.00	2.63		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	1.99	99.3	2.00	1.68		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.16	103	6.00	1.98		
Total BTEX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	06/24/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/24/2025	ND	212	106	200	13.5		
DRO >C10-C28*	<10.0	10.0	06/24/2025	ND	189	94.3	200	17.0		
EXT DRO >C28-C36	<10.0	10.0	06/24/2025	ND						

Surrogate: 1-Chlorooctane 125 % 44.4-145

Surrogate: 1-Chlorooctadecane 124 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 24 (3') (H253766-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2025	ND	2.00	100	2.00	5.99	
Toluene*	<0.050	0.050	06/23/2025	ND	1.98	98.8	2.00	2.63	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	1.99	99.3	2.00	1.68	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.16	103	6.00	1.98	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	06/24/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2025	ND	212	106	200	13.5	
DRO >C10-C28*	<10.0	10.0	06/24/2025	ND	189	94.3	200	17.0	
EXT DRO >C28-C36	<10.0	10.0	06/24/2025	ND					

Surrogate: 1-Chlorooctane 124 % 44.4-145

Surrogate: 1-Chlorooctadecane 129 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 25 (3') (H253766-14)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2025	ND	2.00	100	2.00	5.99		
Toluene*	<0.050	0.050	06/23/2025	ND	1.98	98.8	2.00	2.63		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	1.99	99.3	2.00	1.68		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.16	103	6.00	1.98		
Total BTEX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	06/24/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/24/2025	ND	212	106	200	13.5		
DRO >C10-C28*	<10.0	10.0	06/24/2025	ND	189	94.3	200	17.0		
EXT DRO >C28-C36	<10.0	10.0	06/24/2025	ND						

Surrogate: 1-Chlorooctane 130 % 44.4-145

Surrogate: 1-Chlorooctadecane 130 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 26 (3') (H253766-15)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2025	ND	2.00	100	2.00	5.99		
Toluene*	<0.050	0.050	06/23/2025	ND	1.98	98.8	2.00	2.63		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	1.99	99.3	2.00	1.68		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.16	103	6.00	1.98		
Total BTEX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	06/24/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/24/2025	ND	212	106	200	13.5		
DRO >C10-C28*	<10.0	10.0	06/24/2025	ND	189	94.3	200	17.0		
EXT DRO >C28-C36	<10.0	10.0	06/24/2025	ND						

Surrogate: 1-Chlorooctane 116 % 44.4-145

Surrogate: 1-Chlorooctadecane 115 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 27 (3') (H253766-16)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2025	ND	2.00	100	2.00	5.99		
Toluene*	<0.050	0.050	06/23/2025	ND	1.98	98.8	2.00	2.63		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	1.99	99.3	2.00	1.68		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.16	103	6.00	1.98		
Total BTEX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	06/24/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/24/2025	ND	212	106	200	13.5		
DRO >C10-C28*	<10.0	10.0	06/24/2025	ND	189	94.3	200	17.0		
EXT DRO >C28-C36	<10.0	10.0	06/24/2025	ND						

Surrogate: 1-Chlorooctane 108 % 44.4-145

Surrogate: 1-Chlorooctadecane 109 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 28 (3') (H253766-17)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2025	ND	2.00	100	2.00	5.99		
Toluene*	<0.050	0.050	06/23/2025	ND	1.98	98.8	2.00	2.63		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	1.99	99.3	2.00	1.68		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.16	103	6.00	1.98		
Total BTEX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	06/24/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/24/2025	ND	212	106	200	13.5		
DRO >C10-C28*	<10.0	10.0	06/24/2025	ND	189	94.3	200	17.0		
EXT DRO >C28-C36	<10.0	10.0	06/24/2025	ND						

Surrogate: 1-Chlorooctane 121 % 44.4-145

Surrogate: 1-Chlorooctadecane 124 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 29 (3') (H253766-18)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2025	ND	2.00	100	2.00	5.99		
Toluene*	<0.050	0.050	06/23/2025	ND	1.98	98.8	2.00	2.63		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	1.99	99.3	2.00	1.68		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.16	103	6.00	1.98		
Total BTEX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	06/24/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/24/2025	ND	212	106	200	13.5		
DRO >C10-C28*	<10.0	10.0	06/24/2025	ND	189	94.3	200	17.0		
EXT DRO >C28-C36	<10.0	10.0	06/24/2025	ND						

Surrogate: 1-Chlorooctane 119 % 44.4-145

Surrogate: 1-Chlorooctadecane 120 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 30 (3') (H253766-19)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2025	ND	2.35	118	2.00	9.80	
Toluene*	<0.050	0.050	06/23/2025	ND	2.24	112	2.00	9.74	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.31	116	2.00	8.41	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	7.20	120	6.00	8.40	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/24/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2025	ND	212	106	200	13.5	
DRO >C10-C28*	<10.0	10.0	06/24/2025	ND	189	94.3	200	17.0	
EXT DRO >C28-C36	<10.0	10.0	06/24/2025	ND					

Surrogate: 1-Chlorooctane 116 % 44.4-145

Surrogate: 1-Chlorooctadecane 115 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 31 (3') (H253766-20)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2025	ND	2.35	118	2.00	9.80	
Toluene*	<0.050	0.050	06/23/2025	ND	2.24	112	2.00	9.74	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.31	116	2.00	8.41	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	7.20	120	6.00	8.40	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/24/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2025	ND	190	95.0	200	15.3	
DRO >C10-C28*	<10.0	10.0	06/23/2025	ND	187	93.6	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	06/23/2025	ND					

Surrogate: 1-Chlorooctane 99.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 103 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 32 (3') (H253766-21)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2025	ND	2.35	118	2.00	9.80	
Toluene*	<0.050	0.050	06/23/2025	ND	2.24	112	2.00	9.74	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.31	116	2.00	8.41	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	7.20	120	6.00	8.40	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/24/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2025	ND	190	95.0	200	15.3	
DRO >C10-C28*	<10.0	10.0	06/23/2025	ND	187	93.6	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	06/23/2025	ND					

Surrogate: 1-Chlorooctane 100 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 33 (3') (H253766-22)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2025	ND	2.35	118	2.00	9.80		
Toluene*	<0.050	0.050	06/23/2025	ND	2.24	112	2.00	9.74		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.31	116	2.00	8.41		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	7.20	120	6.00	8.40		
Total BTEX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	06/24/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/23/2025	ND	190	95.0	200	15.3		
DRO >C10-C28*	<10.0	10.0	06/23/2025	ND	187	93.6	200	20.1		
EXT DRO >C28-C36	<10.0	10.0	06/23/2025	ND						

Surrogate: 1-Chlorooctane 108 % 44.4-145

Surrogate: 1-Chlorooctadecane 109 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 34 (3') (H253766-23)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2025	ND	2.35	118	2.00	9.80	
Toluene*	<0.050	0.050	06/23/2025	ND	2.24	112	2.00	9.74	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.31	116	2.00	8.41	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	7.20	120	6.00	8.40	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/24/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2025	ND	190	95.0	200	15.3	
DRO >C10-C28*	<10.0	10.0	06/23/2025	ND	187	93.6	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	06/23/2025	ND					

Surrogate: 1-Chlorooctane 110 % 44.4-145

Surrogate: 1-Chlorooctadecane 113 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 35 (3') (H253766-24)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2025	ND	2.35	118	2.00	9.80	
Toluene*	<0.050	0.050	06/23/2025	ND	2.24	112	2.00	9.74	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.31	116	2.00	8.41	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	7.20	120	6.00	8.40	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/24/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2025	ND	190	95.0	200	15.3	
DRO >C10-C28*	<10.0	10.0	06/23/2025	ND	187	93.6	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	06/23/2025	ND					

Surrogate: 1-Chlorooctane 99.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 36 (3') (H253766-25)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2025	ND	2.35	118	2.00	9.80	
Toluene*	<0.050	0.050	06/23/2025	ND	2.24	112	2.00	9.74	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.31	116	2.00	8.41	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	7.20	120	6.00	8.40	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/24/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2025	ND	190	95.0	200	15.3	
DRO >C10-C28*	<10.0	10.0	06/23/2025	ND	187	93.6	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	06/23/2025	ND					

Surrogate: 1-Chlorooctane 110 % 44.4-145

Surrogate: 1-Chlorooctadecane 113 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 37 (3') (H253766-26)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2025	ND	2.35	118	2.00	9.80	
Toluene*	<0.050	0.050	06/23/2025	ND	2.24	112	2.00	9.74	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.31	116	2.00	8.41	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	7.20	120	6.00	8.40	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/24/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2025	ND	190	95.0	200	15.3	
DRO >C10-C28*	<10.0	10.0	06/23/2025	ND	187	93.6	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	06/23/2025	ND					

Surrogate: 1-Chlorooctane 106 % 44.4-145

Surrogate: 1-Chlorooctadecane 108 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 38 (3') (H253766-27)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2025	ND	2.35	118	2.00	9.80		
Toluene*	<0.050	0.050	06/23/2025	ND	2.24	112	2.00	9.74		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.31	116	2.00	8.41		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	7.20	120	6.00	8.40		
Total BTEX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	06/24/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/23/2025	ND	190	95.0	200	15.3		
DRO >C10-C28*	<10.0	10.0	06/23/2025	ND	187	93.6	200	20.1		
EXT DRO >C28-C36	<10.0	10.0	06/23/2025	ND						

Surrogate: 1-Chlorooctane 99.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 103 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 39 (3') (H253766-28)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2025	ND	2.35	118	2.00	9.80	
Toluene*	<0.050	0.050	06/23/2025	ND	2.24	112	2.00	9.74	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.31	116	2.00	8.41	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	7.20	120	6.00	8.40	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/24/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2025	ND	190	95.0	200	15.3	
DRO >C10-C28*	<10.0	10.0	06/23/2025	ND	187	93.6	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	06/23/2025	ND					

Surrogate: 1-Chlorooctane 94.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.6 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 40 (3') (H253766-29)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2025	ND	2.35	118	2.00	9.80		
Toluene*	<0.050	0.050	06/23/2025	ND	2.24	112	2.00	9.74		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.31	116	2.00	8.41		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	7.20	120	6.00	8.40		
Total BTEX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	06/24/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/23/2025	ND	190	95.0	200	15.3		
DRO >C10-C28*	<10.0	10.0	06/23/2025	ND	187	93.6	200	20.1		
EXT DRO >C28-C36	<10.0	10.0	06/23/2025	ND						

Surrogate: 1-Chlorooctane 107 % 44.4-145

Surrogate: 1-Chlorooctadecane 110 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 41 (3') (H253766-30)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2025	ND	2.35	118	2.00	9.80	
Toluene*	<0.050	0.050	06/23/2025	ND	2.24	112	2.00	9.74	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.31	116	2.00	8.41	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	7.20	120	6.00	8.40	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/24/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2025	ND	190	95.0	200	15.3	
DRO >C10-C28*	<10.0	10.0	06/23/2025	ND	187	93.6	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	06/23/2025	ND					

Surrogate: 1-Chlorooctane 95.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 98.1 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 42 (3') (H253766-31)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2025	ND	2.35	118	2.00	9.80	
Toluene*	<0.050	0.050	06/23/2025	ND	2.24	112	2.00	9.74	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.31	116	2.00	8.41	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	7.20	120	6.00	8.40	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/24/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2025	ND	190	95.0	200	15.3	
DRO >C10-C28*	<10.0	10.0	06/23/2025	ND	187	93.6	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	06/23/2025	ND					

Surrogate: 1-Chlorooctane 95.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.1 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 43 (3') (H253766-32)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2025	ND	2.35	118	2.00	9.80	
Toluene*	<0.050	0.050	06/23/2025	ND	2.24	112	2.00	9.74	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.31	116	2.00	8.41	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	7.20	120	6.00	8.40	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/24/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2025	ND	190	95.0	200	15.3	
DRO >C10-C28*	<10.0	10.0	06/24/2025	ND	187	93.6	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	06/24/2025	ND					

Surrogate: 1-Chlorooctane 98.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 44 (3') (H253766-33)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2025	ND	2.35	118	2.00	9.80	
Toluene*	<0.050	0.050	06/23/2025	ND	2.24	112	2.00	9.74	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.31	116	2.00	8.41	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	7.20	120	6.00	8.40	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/24/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2025	ND	190	95.0	200	15.3	
DRO >C10-C28*	<10.0	10.0	06/24/2025	ND	187	93.6	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	06/24/2025	ND					

Surrogate: 1-Chlorooctane 98.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.8 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 7 (3') (H253766-34)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2025	ND	2.35	118	2.00	9.80	
Toluene*	<0.050	0.050	06/23/2025	ND	2.24	112	2.00	9.74	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.31	116	2.00	8.41	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	7.20	120	6.00	8.40	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/24/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2025	ND	190	95.0	200	15.3	
DRO >C10-C28*	<10.0	10.0	06/24/2025	ND	187	93.6	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	06/24/2025	ND					

Surrogate: 1-Chlorooctane 90.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 90.5 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 8 (3') (H253766-35)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2025	ND	2.35	118	2.00	9.80	
Toluene*	<0.050	0.050	06/23/2025	ND	2.24	112	2.00	9.74	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.31	116	2.00	8.41	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	7.20	120	6.00	8.40	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/24/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2025	ND	190	95.0	200	15.3	
DRO >C10-C28*	<10.0	10.0	06/24/2025	ND	187	93.6	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	06/24/2025	ND					

Surrogate: 1-Chlorooctane 106 % 44.4-145

Surrogate: 1-Chlorooctadecane 106 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 9 (3') (H253766-36)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2025	ND	2.35	118	2.00	9.80	
Toluene*	<0.050	0.050	06/23/2025	ND	2.24	112	2.00	9.74	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.31	116	2.00	8.41	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	7.20	120	6.00	8.40	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/24/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2025	ND	190	95.0	200	15.3	
DRO >C10-C28*	<10.0	10.0	06/24/2025	ND	187	93.6	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	06/24/2025	ND					

Surrogate: 1-Chlorooctane 85.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.4 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 10 (3') (H253766-37)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2025	ND	2.35	118	2.00	9.80	
Toluene*	<0.050	0.050	06/23/2025	ND	2.24	112	2.00	9.74	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.31	116	2.00	8.41	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	7.20	120	6.00	8.40	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/24/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2025	ND	190	95.0	200	15.3	
DRO >C10-C28*	<10.0	10.0	06/24/2025	ND	187	93.6	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	06/24/2025	ND					

Surrogate: 1-Chlorooctane 92.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.7 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 11 (3') (H253766-38)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2025	ND	2.35	118	2.00	9.80	
Toluene*	<0.050	0.050	06/24/2025	ND	2.24	112	2.00	9.74	
Ethylbenzene*	<0.050	0.050	06/24/2025	ND	2.31	116	2.00	8.41	
Total Xylenes*	<0.150	0.150	06/24/2025	ND	7.20	120	6.00	8.40	
Total BTEX	<0.300	0.300	06/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/24/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2025	ND	190	95.0	200	15.3	
DRO >C10-C28*	<10.0	10.0	06/24/2025	ND	187	93.6	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	06/24/2025	ND					

Surrogate: 1-Chlorooctane 99.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 12 (3') (H253766-39)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2025	ND	2.05	103	2.00	6.88	
Toluene*	<0.050	0.050	06/23/2025	ND	2.22	111	2.00	8.89	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	1.99	99.7	2.00	8.06	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.00	99.9	6.00	7.98	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/24/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2025	ND	190	95.0	200	15.3	
DRO >C10-C28*	<10.0	10.0	06/24/2025	ND	187	93.6	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	06/24/2025	ND					

Surrogate: 1-Chlorooctane 82.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.5 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/23/2025	Sampling Date:	06/23/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 13 (3') (H253766-40)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2025	ND	2.05	103	2.00	6.88	
Toluene*	<0.050	0.050	06/23/2025	ND	2.22	111	2.00	8.89	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	1.99	99.7	2.00	8.06	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.00	99.9	6.00	7.98	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/24/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2025	ND	190	94.8	200	15.4	
DRO >C10-C28*	<10.0	10.0	06/23/2025	ND	176	88.0	200	17.7	
EXT DRO >C28-C36	<10.0	10.0	06/23/2025	ND					

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.3 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- QR-04 The RPD for the BS/BSD was outside of historical limits.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: H-2537106

Page 2 of 4

Project Manager:	Commer Moehring	Bill to: (if different)	James Kennedy
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State Zip:	Midland, TX 79701	City, State Zip:	Midland, Tx 79706
Phone:	(432) 813-6823	Email:	James.Kennedy@eogresources.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Deepfund <input type="checkbox"/>	State of Project:
Reporting Level: Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other: <input type="checkbox"/>

Project Name:	Diamond 34 Fed No. 2	Turn Around	Pres. Code	ANALYSIS REQUEST		Preservative Codes
Project Number:	2661	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush				None: NO DI Water: H ₂ O
Project Location:	Lea County, New Mexico	Due Date:	24 HR TAT			Cool: Cool MeOH: Me
Sampler's Name:	JM					HCL: HC HNO ₃ : HN
PO #:						H ₂ SO ₄ : H ₂ NaOH: Na
SAMPLE RECEIPT	Temp Blank: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Wet Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			H ₂ PO ₄ : HP
Received Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Thermometer ID:	#146			NAHSO ₂ : NABIS
Cooler Custody Seals:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Correction Factor:	10.32			Na ₂ S ₂ O ₃ : NaSO ₃
Sample Custody Seals:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Temperature Reading:	3.12			Zn Acetate+NaOH: Zn
Total Containers:		Corrected Temperature:	3.42			NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
CS-22 (3')	6/23/2025	X		Comp	1	X	X	X	
CS-23 (3')	6/23/2025	X		Comp	1	X	X	X	
CS-24 (3')	6/23/2025	X		Comp	1	X	X	X	
CS-25 (3')	6/23/2025	X		Comp	1	X	X	X	
CS-26 (3')	6/23/2025	X		Comp	1	X	X	X	
CS-27 (3')	6/23/2025	X		Comp	1	X	X	X	
CS-28 (3')	6/23/2025	X		Comp	1	X	X	X	
CS-29 (3')	6/23/2025	X		Comp	1	X	X	X	
CS-30 (3')	6/23/2025	X		Comp	1	X	X	X	
CS-31 (3')	6/23/2025	X		Comp	1	X	X	X	

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Commer Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		6-23-25 1435					

Chain of Custody

Work Order No: 1553700

Page 3 of 4

Project Manager:	Conner Moehring	Bill to: (if different)	James Kennedy
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	(432) 813-6823	Email:	James.Kennedy@eogresources.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Superfund
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Diamond 34 Fed.No. 2	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code		ANALYSIS REQUEST		Preservative Codes	None: NO <input type="checkbox"/> DI Water: H ₂ O
Project Number:	2661	Due Date:	24 HR TAT	Wet Ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				Cool: Cool <input type="checkbox"/> MeOH: Me
Project Location:	Lea County, New Mexico			Thermometer ID:	#140				HCL: HC <input type="checkbox"/> HNO ₃ : HN
Sampler's Name:	JM			Correction Factor:	8.1%				H ₂ SO ₄ : H ₂ <input type="checkbox"/> NaOH: Na
PO #:				Temperature Reading:	3.4%				H ₂ PO ₄ : HP
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Corrected Temperature:					NaHSO ₄ : NABIS
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>								Na ₂ S ₂ O ₈ : NaSO ₃
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>								Zn Acetate+NaOH: Zn
Sample Custody Seals:	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>								NaOH+Ascorbic Acid: SAPC
Total Containers:									

Sample Identification	Date	Soil	Water	Grab/Comp	# of Cont	Parameters	Sample Comments
CS-32 (3)	6/23/2025	X		Comp	1	BTEX 8021B	
CS-33 (3)	6/23/2025	X		Comp	1	TPH 8015M (GRO + DRO + MRO)	
CS-34 (3)	6/23/2025	X		Comp	1	Chloride 4500	
CS-35 (3)	6/23/2025	X		Comp	1		
CS-36 (3)	6/23/2025	X		Comp	1		
CS-37 (3)	6/23/2025	X		Comp	1		
CS-38 (3)	6/23/2025	X		Comp	1		
CS-39 (3)	6/23/2025	X		Comp	1		
CS-40 (3)	6/23/2025	X		Comp	1		
CS-41 (3)	6/23/2025	X		Comp	1		

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>	6-23-25 1435	<i>[Signature]</i>	



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

July 01, 2025

CONNER MOEHRING
CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND, TX 79701

RE: DIAMOND 34 FED NO.2

Enclosed are the results of analyses for samples received by the laboratory on 06/30/25 13:26.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SANDBRIDGE SWAG PIT (H253930-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	1.98	99.2	2.00	8.22	
Toluene*	<0.050	0.050	06/30/2025	ND	2.14	107	2.00	11.9	
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	2.19	109	2.00	13.0	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	6.78	113	6.00	14.0	
Total BTEX	<0.300	0.300	06/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/01/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/30/2025	ND	210	105	200	1.02	
DRO >C10-C28*	<10.0	10.0	06/30/2025	ND	197	98.3	200	1.57	
EXT DRO >C28-C36	<10.0	10.0	06/30/2025	ND					

Surrogate: 1-Chlorooctane 88.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.8 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 1853022

Page 1 of 1

Page 4 of 4

Project Manager:	Conner Moehring	Bill to: (if different)	James Kennedy
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	James.Kennedy@eogresources.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Diamond 34 Fed No. 2	Turn Around		Parameters	ANALYSIS REQUEST												Preservative Codes	
		<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush		Due Date:	24 HR TAT												
Project Number:	2661																Cool: Cool	MeOH: Me
Project Location:	Lea County, New Mexico																HCL: HC	HNO ₃ : HN
Sampler's Name:	CMM																H ₂ SO ₄ : H ₂	NaOH: Na
PO #:																	H ₃ PO ₄ : HP	
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140													NaHSO ₄ : NABIS	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	4.3													Na ₂ S ₂ O ₃ : NaSO ₃		
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	4.3													Zn Acetate+NaOH: Zn		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:														NaOH+Ascorbic Acid: SAPC		
Total Containers:																		
Sample Identification	Date	Soil	Water	Grab/Comp	# of Cont													Sample Comments
Sandbridge Swag Pit	6/30/2025	X		Comp	1	X	X	X										

Comments: Email to Mike Carmona / Mearmona@carmonarresources.com and Conner Moehring / Cmoehring@carmonarresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>	10-30-25 13:16	<i>[Signature]</i>	



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

July 01, 2025

CONNER MOEHRING
CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND, TX 79701

RE: DIAMOND 34 FED NO.2

Enclosed are the results of analyses for samples received by the laboratory on 06/30/25 13:26.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 55 (4') (H253931-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	1.98	99.2	2.00	8.22	
Toluene*	<0.050	0.050	06/30/2025	ND	2.14	107	2.00	11.9	
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	2.19	109	2.00	13.0	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	6.78	113	6.00	14.0	
Total BTEX	<0.300	0.300	06/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	07/01/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/30/2025	ND	210	105	200	1.02	
DRO >C10-C28*	<10.0	10.0	06/30/2025	ND	197	98.3	200	1.57	
EXT DRO >C28-C36	<10.0	10.0	06/30/2025	ND					

Surrogate: 1-Chlorooctane 88.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.5 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 56 (4') (H253931-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/30/2025	ND	1.98	99.2	2.00	8.22		
Toluene*	<0.050	0.050	06/30/2025	ND	2.14	107	2.00	11.9		
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	2.19	109	2.00	13.0		
Total Xylenes*	<0.150	0.150	06/30/2025	ND	6.78	113	6.00	14.0		
Total BTEX	<0.300	0.300	06/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	07/01/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/30/2025	ND	210	105	200	1.02		
DRO >C10-C28*	<10.0	10.0	06/30/2025	ND	197	98.3	200	1.57		
EXT DRO >C28-C36	<10.0	10.0	06/30/2025	ND						

Surrogate: 1-Chlorooctane 89.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.1 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 57 (4') (H253931-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	1.98	99.2	2.00	8.22	
Toluene*	<0.050	0.050	06/30/2025	ND	2.14	107	2.00	11.9	
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	2.19	109	2.00	13.0	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	6.78	113	6.00	14.0	
Total BTEX	<0.300	0.300	06/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/01/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/30/2025	ND	210	105	200	1.02	
DRO >C10-C28*	19.8	10.0	06/30/2025	ND	197	98.3	200	1.57	
EXT DRO >C28-C36	<10.0	10.0	06/30/2025	ND					

Surrogate: 1-Chlorooctane 86.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.3 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 58 (4') (H253931-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	1.98	99.2	2.00	8.22	
Toluene*	<0.050	0.050	06/30/2025	ND	2.14	107	2.00	11.9	
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	2.19	109	2.00	13.0	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	6.78	113	6.00	14.0	
Total BTEX	<0.300	0.300	06/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/01/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/30/2025	ND	210	105	200	1.02	
DRO >C10-C28*	<10.0	10.0	06/30/2025	ND	197	98.3	200	1.57	
EXT DRO >C28-C36	<10.0	10.0	06/30/2025	ND					

Surrogate: 1-Chlorooctane 85.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.5 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 59 (4') (H253931-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/30/2025	ND	1.98	99.2	2.00	8.22		
Toluene*	<0.050	0.050	06/30/2025	ND	2.14	107	2.00	11.9		
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	2.19	109	2.00	13.0		
Total Xylenes*	<0.150	0.150	06/30/2025	ND	6.78	113	6.00	14.0		
Total BTEX	<0.300	0.300	06/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	07/01/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/30/2025	ND	210	105	200	1.02		
DRO >C10-C28*	<10.0	10.0	06/30/2025	ND	197	98.3	200	1.57		
EXT DRO >C28-C36	<10.0	10.0	06/30/2025	ND						

Surrogate: 1-Chlorooctane 88.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.1 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 60 (4') (H253931-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/30/2025	ND	1.98	99.2	2.00	8.22		
Toluene*	<0.050	0.050	06/30/2025	ND	2.14	107	2.00	11.9		
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	2.19	109	2.00	13.0		
Total Xylenes*	<0.150	0.150	06/30/2025	ND	6.78	113	6.00	14.0		
Total BTEX	<0.300	0.300	06/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	07/01/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/30/2025	ND	210	105	200	1.02		
DRO >C10-C28*	<10.0	10.0	06/30/2025	ND	197	98.3	200	1.57		
EXT DRO >C28-C36	<10.0	10.0	06/30/2025	ND						

Surrogate: 1-Chlorooctane 87.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.0 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 61 (4') (H253931-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	1.98	99.2	2.00	8.22	
Toluene*	<0.050	0.050	06/30/2025	ND	2.14	107	2.00	11.9	
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	2.19	109	2.00	13.0	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	6.78	113	6.00	14.0	
Total BTEX	<0.300	0.300	06/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/01/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/30/2025	ND	210	105	200	1.02	
DRO >C10-C28*	<10.0	10.0	06/30/2025	ND	197	98.3	200	1.57	
EXT DRO >C28-C36	<10.0	10.0	06/30/2025	ND					

Surrogate: 1-Chlorooctane 87.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.0 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 62 (4') (H253931-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	1.98	99.2	2.00	8.22	
Toluene*	<0.050	0.050	06/30/2025	ND	2.14	107	2.00	11.9	
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	2.19	109	2.00	13.0	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	6.78	113	6.00	14.0	
Total BTEX	<0.300	0.300	06/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/01/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/30/2025	ND	210	105	200	1.02	
DRO >C10-C28*	<10.0	10.0	06/30/2025	ND	197	98.3	200	1.57	
EXT DRO >C28-C36	<10.0	10.0	06/30/2025	ND					

Surrogate: 1-Chlorooctane 87.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.1 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 63 (4') (H253931-09)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/30/2025	ND	1.98	99.2	2.00	8.22		
Toluene*	<0.050	0.050	06/30/2025	ND	2.14	107	2.00	11.9		
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	2.19	109	2.00	13.0		
Total Xylenes*	<0.150	0.150	06/30/2025	ND	6.78	113	6.00	14.0		
Total BTEX	<0.300	0.300	06/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	07/01/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/30/2025	ND	210	105	200	1.02		
DRO >C10-C28*	<10.0	10.0	06/30/2025	ND	197	98.3	200	1.57		
EXT DRO >C28-C36	<10.0	10.0	06/30/2025	ND						

Surrogate: 1-Chlorooctane 86.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.4 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 64 (4') (H253931-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	1.98	99.2	2.00	8.22	
Toluene*	<0.050	0.050	06/30/2025	ND	2.14	107	2.00	11.9	
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	2.19	109	2.00	13.0	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	6.78	113	6.00	14.0	
Total BTEX	<0.300	0.300	06/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/01/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/30/2025	ND	210	105	200	1.02	
DRO >C10-C28*	<10.0	10.0	06/30/2025	ND	197	98.3	200	1.57	
EXT DRO >C28-C36	<10.0	10.0	06/30/2025	ND					

Surrogate: 1-Chlorooctane 88.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.7 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 65 (4') (H253931-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	1.98	99.2	2.00	8.22	
Toluene*	<0.050	0.050	06/30/2025	ND	2.14	107	2.00	11.9	
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	2.19	109	2.00	13.0	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	6.78	113	6.00	14.0	
Total BTEX	<0.300	0.300	06/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/01/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/30/2025	ND	210	105	200	1.02	
DRO >C10-C28*	<10.0	10.0	06/30/2025	ND	197	98.3	200	1.57	
EXT DRO >C28-C36	<10.0	10.0	06/30/2025	ND					

Surrogate: 1-Chlorooctane 89.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.7 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 66 (4') (H253931-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	1.98	99.2	2.00	8.22	
Toluene*	<0.050	0.050	06/30/2025	ND	2.14	107	2.00	11.9	
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	2.19	109	2.00	13.0	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	6.78	113	6.00	14.0	
Total BTEX	<0.300	0.300	06/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/01/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/30/2025	ND	210	105	200	1.02	
DRO >C10-C28*	<10.0	10.0	06/30/2025	ND	197	98.3	200	1.57	
EXT DRO >C28-C36	<10.0	10.0	06/30/2025	ND					

Surrogate: 1-Chlorooctane 88.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.1 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 67 (4') (H253931-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	2.07	103	2.00	2.33	
Toluene*	<0.050	0.050	06/30/2025	ND	1.92	95.9	2.00	2.40	
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	1.94	97.1	2.00	2.08	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	6.08	101	6.00	2.98	
Total BTEX	<0.300	0.300	06/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/01/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/30/2025	ND	184	91.9	200	0.407	
DRO >C10-C28*	<10.0	10.0	06/30/2025	ND	201	101	200	0.567	
EXT DRO >C28-C36	<10.0	10.0	06/30/2025	ND					

Surrogate: 1-Chlorooctane 80.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 74.0 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 68 (4') (H253931-14)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/30/2025	ND	2.07	103	2.00	2.33		
Toluene*	<0.050	0.050	06/30/2025	ND	1.92	95.9	2.00	2.40		
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	1.94	97.1	2.00	2.08		
Total Xylenes*	<0.150	0.150	06/30/2025	ND	6.08	101	6.00	2.98		
Total BTEX	<0.300	0.300	06/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	07/01/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/30/2025	ND	184	91.9	200	0.407		
DRO >C10-C28*	<10.0	10.0	06/30/2025	ND	201	101	200	0.567		
EXT DRO >C28-C36	<10.0	10.0	06/30/2025	ND						

Surrogate: 1-Chlorooctane 84.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.6 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 69 (4') (H253931-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	2.07	103	2.00	2.33	
Toluene*	<0.050	0.050	06/30/2025	ND	1.92	95.9	2.00	2.40	
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	1.94	97.1	2.00	2.08	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	6.08	101	6.00	2.98	
Total BTEX	<0.300	0.300	06/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/01/2025	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/30/2025	ND	184	91.9	200	0.407	
DRO >C10-C28*	<10.0	10.0	06/30/2025	ND	201	101	200	0.567	
EXT DRO >C28-C36	<10.0	10.0	06/30/2025	ND					

Surrogate: 1-Chlorooctane 82.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.9 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 70 (4') (H253931-16)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	2.07	103	2.00	2.33	
Toluene*	<0.050	0.050	06/30/2025	ND	1.92	95.9	2.00	2.40	
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	1.94	97.1	2.00	2.08	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	6.08	101	6.00	2.98	
Total BTEX	<0.300	0.300	06/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/01/2025	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/30/2025	ND	184	91.9	200	0.407	
DRO >C10-C28*	<10.0	10.0	06/30/2025	ND	201	101	200	0.567	
EXT DRO >C28-C36	<10.0	10.0	06/30/2025	ND					

Surrogate: 1-Chlorooctane 87.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.2 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 71 (4') (H253931-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	2.07	103	2.00	2.33	
Toluene*	<0.050	0.050	06/30/2025	ND	1.92	95.9	2.00	2.40	
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	1.94	97.1	2.00	2.08	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	6.08	101	6.00	2.98	
Total BTEX	<0.300	0.300	06/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	07/01/2025	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/30/2025	ND	184	91.9	200	0.407	
DRO >C10-C28*	<10.0	10.0	06/30/2025	ND	201	101	200	0.567	
EXT DRO >C28-C36	<10.0	10.0	06/30/2025	ND					

Surrogate: 1-Chlorooctane 85.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.9 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 72 (4') (H253931-18)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	2.07	103	2.00	2.33	
Toluene*	<0.050	0.050	06/30/2025	ND	1.92	95.9	2.00	2.40	
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	1.94	97.1	2.00	2.08	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	6.08	101	6.00	2.98	
Total BTEX	<0.300	0.300	06/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/01/2025	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/30/2025	ND	184	91.9	200	0.407	
DRO >C10-C28*	<10.0	10.0	06/30/2025	ND	201	101	200	0.567	
EXT DRO >C28-C36	<10.0	10.0	06/30/2025	ND					

Surrogate: 1-Chlorooctane 83.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.1 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 73 (4') (H253931-19)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	2.07	103	2.00	2.33	
Toluene*	<0.050	0.050	06/30/2025	ND	1.92	95.9	2.00	2.40	
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	1.94	97.1	2.00	2.08	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	6.08	101	6.00	2.98	
Total BTEX	<0.300	0.300	06/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/01/2025	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/30/2025	ND	184	91.9	200	0.407	
DRO >C10-C28*	<10.0	10.0	06/30/2025	ND	201	101	200	0.567	
EXT DRO >C28-C36	<10.0	10.0	06/30/2025	ND					

Surrogate: 1-Chlorooctane 85.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.9 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 74 (4') (H253931-20)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	2.07	103	2.00	2.33	
Toluene*	<0.050	0.050	06/30/2025	ND	1.92	95.9	2.00	2.40	
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	1.94	97.1	2.00	2.08	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	6.08	101	6.00	2.98	
Total BTEX	<0.300	0.300	06/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	07/01/2025	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/30/2025	ND	184	91.9	200	0.407	
DRO >C10-C28*	<10.0	10.0	06/30/2025	ND	201	101	200	0.567	
EXT DRO >C28-C36	<10.0	10.0	06/30/2025	ND					

Surrogate: 1-Chlorooctane 85.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.3 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 75 (4') (H253931-21)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	2.07	103	2.00	2.33	
Toluene*	<0.050	0.050	06/30/2025	ND	1.92	95.9	2.00	2.40	
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	1.94	97.1	2.00	2.08	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	6.08	101	6.00	2.98	
Total BTEX	<0.300	0.300	06/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	07/01/2025	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/30/2025	ND	184	91.9	200	0.407	
DRO >C10-C28*	<10.0	10.0	06/30/2025	ND	201	101	200	0.567	
EXT DRO >C28-C36	<10.0	10.0	06/30/2025	ND					

Surrogate: 1-Chlorooctane 84.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.8 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 76 (4') (H253931-22)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	2.07	103	2.00	2.33	
Toluene*	<0.050	0.050	06/30/2025	ND	1.92	95.9	2.00	2.40	
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	1.94	97.1	2.00	2.08	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	6.08	101	6.00	2.98	
Total BTEX	<0.300	0.300	06/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/01/2025	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/30/2025	ND	184	91.9	200	0.407	
DRO >C10-C28*	<10.0	10.0	06/30/2025	ND	201	101	200	0.567	
EXT DRO >C28-C36	<10.0	10.0	06/30/2025	ND					

Surrogate: 1-Chlorooctane 87.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.1 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 77 (4') (H253931-23)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/30/2025	ND	2.07	103	2.00	2.33		
Toluene*	<0.050	0.050	06/30/2025	ND	1.92	95.9	2.00	2.40		
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	1.94	97.1	2.00	2.08		
Total Xylenes*	<0.150	0.150	06/30/2025	ND	6.08	101	6.00	2.98		
Total BTEX	<0.300	0.300	06/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	07/01/2025	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/30/2025	ND	184	91.9	200	0.407		
DRO >C10-C28*	<10.0	10.0	06/30/2025	ND	201	101	200	0.567		
EXT DRO >C28-C36	<10.0	10.0	06/30/2025	ND						

Surrogate: 1-Chlorooctane 82.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.2 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 24 (1') (H253931-24)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	2.07	103	2.00	2.33	
Toluene*	<0.050	0.050	06/30/2025	ND	1.92	95.9	2.00	2.40	
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	1.94	97.1	2.00	2.08	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	6.08	101	6.00	2.98	
Total BTEX	<0.300	0.300	06/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/01/2025	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/30/2025	ND	184	91.9	200	0.407	
DRO >C10-C28*	<10.0	10.0	06/30/2025	ND	201	101	200	0.567	
EXT DRO >C28-C36	<10.0	10.0	06/30/2025	ND					

Surrogate: 1-Chlorooctane 85.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.0 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 25 (4') (H253931-25)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	2.07	103	2.00	2.33	
Toluene*	<0.050	0.050	06/30/2025	ND	1.92	95.9	2.00	2.40	
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	1.94	97.1	2.00	2.08	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	6.08	101	6.00	2.98	
Total BTEX	<0.300	0.300	06/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	07/01/2025	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/30/2025	ND	184	91.9	200	0.407	
DRO >C10-C28*	<10.0	10.0	06/30/2025	ND	201	101	200	0.567	
EXT DRO >C28-C36	<10.0	10.0	06/30/2025	ND					

Surrogate: 1-Chlorooctane 85.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.0 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 26 (4') (H253931-26)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	2.07	103	2.00	2.33	
Toluene*	<0.050	0.050	06/30/2025	ND	1.92	95.9	2.00	2.40	
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	1.94	97.1	2.00	2.08	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	6.08	101	6.00	2.98	
Total BTEX	<0.300	0.300	06/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	07/01/2025	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/30/2025	ND	184	91.9	200	0.407	
DRO >C10-C28*	<10.0	10.0	06/30/2025	ND	201	101	200	0.567	
EXT DRO >C28-C36	<10.0	10.0	06/30/2025	ND					

Surrogate: 1-Chlorooctane 84.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.4 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 27 (4') (H253931-27)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	2.07	103	2.00	2.33	
Toluene*	<0.050	0.050	06/30/2025	ND	1.92	95.9	2.00	2.40	
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	1.94	97.1	2.00	2.08	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	6.08	101	6.00	2.98	
Total BTEX	<0.300	0.300	06/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	07/01/2025	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/30/2025	ND	184	91.9	200	0.407	
DRO >C10-C28*	<10.0	10.0	06/30/2025	ND	201	101	200	0.567	
EXT DRO >C28-C36	<10.0	10.0	06/30/2025	ND					

Surrogate: 1-Chlorooctane 87.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.1 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 28 (4') (H253931-28)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	2.07	103	2.00	2.33	
Toluene*	<0.050	0.050	06/30/2025	ND	1.92	95.9	2.00	2.40	
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	1.94	97.1	2.00	2.08	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	6.08	101	6.00	2.98	
Total BTEX	<0.300	0.300	06/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/01/2025	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/30/2025	ND	184	91.9	200	0.407	
DRO >C10-C28*	<10.0	10.0	06/30/2025	ND	201	101	200	0.567	
EXT DRO >C28-C36	<10.0	10.0	06/30/2025	ND					

Surrogate: 1-Chlorooctane 84.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.3 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 29 (4') (H253931-29)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/30/2025	ND	2.07	103	2.00	2.33		
Toluene*	<0.050	0.050	06/30/2025	ND	1.92	95.9	2.00	2.40		
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	1.94	97.1	2.00	2.08		
Total Xylenes*	<0.150	0.150	06/30/2025	ND	6.08	101	6.00	2.98		
Total BTEX	<0.300	0.300	06/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	07/01/2025	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/30/2025	ND	184	91.9	200	0.407		
DRO >C10-C28*	<10.0	10.0	06/30/2025	ND	201	101	200	0.567		
EXT DRO >C28-C36	<10.0	10.0	06/30/2025	ND						

Surrogate: 1-Chlorooctane 85.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.1 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 30 (4') (H253931-30)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	2.07	103	2.00	2.33	
Toluene*	<0.050	0.050	06/30/2025	ND	1.92	95.9	2.00	2.40	
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	1.94	97.1	2.00	2.08	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	6.08	101	6.00	2.98	
Total BTEX	<0.300	0.300	06/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	07/01/2025	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/30/2025	ND	184	91.9	200	0.407	
DRO >C10-C28*	<10.0	10.0	06/30/2025	ND	201	101	200	0.567	
EXT DRO >C28-C36	<10.0	10.0	06/30/2025	ND					

Surrogate: 1-Chlorooctane 86.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.9 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 31 (4') (H253931-31)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	2.07	103	2.00	2.33	
Toluene*	<0.050	0.050	06/30/2025	ND	1.92	95.9	2.00	2.40	
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	1.94	97.1	2.00	2.08	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	6.08	101	6.00	2.98	
Total BTEX	<0.300	0.300	06/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	07/01/2025	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/30/2025	ND	184	91.9	200	0.407	
DRO >C10-C28*	14.8	10.0	06/30/2025	ND	201	101	200	0.567	
EXT DRO >C28-C36	<10.0	10.0	06/30/2025	ND					

Surrogate: 1-Chlorooctane 86.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.3 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 11253921

Page 2 of 4

Project Manager:	Commer Moehring	Bill to: (if different)	James Kennedy
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	James.Kennedy@eogresources.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	State of Project:
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:

Project Name:	Diamond 34 Fed No. 2	Turn Around	Pres. Code	ANALYSIS REQUEST		Preservative Codes
Project Number:	2661	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush				None: NO DI Water: H ₂ O Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₅ : NASO ₅ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
Project Location:	Lea County, New Mexico	Due Date:	24 HR TAT			
Sampler's Name:	CMM					
PO #:						

Sample Identification	Date	Soil	Water	Grab/Comp	# of Cont	Parameters	Sample Comments
CS-65 (4)	6/30/2025	X		Comp	1	BTEX 8021B	
CS-66 (4)	6/30/2025	X		Comp	1	TPH 8015M (GRO + DRO + MRO)	
CS-67 (4)	6/30/2025	X		Comp	1	Chloride 4500	
CS-68 (4)	6/30/2025	X		Comp	1		
CS-69 (4)	6/30/2025	X		Comp	1		
CS-70 (4)	6/30/2025	X		Comp	1		
CS-71 (4)	6/30/2025	X		Comp	1		
CS-72 (4)	6/30/2025	X		Comp	1		
CS-73 (4)	6/30/2025	X		Comp	1		
CS-74 (4)	6/30/2025	X		Comp	1		

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Commer Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	10:30:25 13:10		



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

July 02, 2025

CONNER MOEHRING
CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND, TX 79701

RE: DIAMOND 34 FED NO.2

Enclosed are the results of analyses for samples received by the laboratory on 07/01/25 14:14.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder".

Mike Snyder For Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	07/01/2025	Sampling Date:	07/01/2025
Reported:	07/02/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 45 (4.5') (H253969-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2025	ND	1.94	96.9	2.00	8.42	
Toluene*	<0.050	0.050	07/01/2025	ND	1.97	98.3	2.00	6.96	
Ethylbenzene*	<0.050	0.050	07/01/2025	ND	2.00	100	2.00	4.99	
Total Xylenes*	<0.150	0.150	07/01/2025	ND	5.95	99.1	6.00	5.22	
Total BTEX	<0.300	0.300	07/01/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	07/02/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/01/2025	ND	201	101	200	2.05	
DRO >C10-C28*	17.5	10.0	07/01/2025	ND	189	94.5	200	6.94	
EXT DRO >C28-C36	<10.0	10.0	07/01/2025	ND					

Surrogate: 1-Chlorooctane 80.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.0 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	07/01/2025	Sampling Date:	07/01/2025
Reported:	07/02/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 46 (4.5') (H253969-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2025	ND	1.94	96.9	2.00	8.42		
Toluene*	<0.050	0.050	07/01/2025	ND	1.97	98.3	2.00	6.96		
Ethylbenzene*	<0.050	0.050	07/01/2025	ND	2.00	100	2.00	4.99		
Total Xylenes*	<0.150	0.150	07/01/2025	ND	5.95	99.1	6.00	5.22		
Total BTEX	<0.300	0.300	07/01/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	07/02/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/01/2025	ND	201	101	200	2.05		
DRO >C10-C28*	<10.0	10.0	07/01/2025	ND	189	94.5	200	6.94		
EXT DRO >C28-C36	<10.0	10.0	07/01/2025	ND						

Surrogate: 1-Chlorooctane 81.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.6 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	07/01/2025	Sampling Date:	07/01/2025
Reported:	07/02/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 47 (4.5') (H253969-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2025	ND	1.94	96.9	2.00	8.42		
Toluene*	<0.050	0.050	07/01/2025	ND	1.97	98.3	2.00	6.96		
Ethylbenzene*	<0.050	0.050	07/01/2025	ND	2.00	100	2.00	4.99		
Total Xylenes*	<0.150	0.150	07/01/2025	ND	5.95	99.1	6.00	5.22		
Total BTEX	<0.300	0.300	07/01/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	07/02/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/01/2025	ND	201	101	200	2.05		
DRO >C10-C28*	<10.0	10.0	07/01/2025	ND	189	94.5	200	6.94		
EXT DRO >C28-C36	<10.0	10.0	07/01/2025	ND						

Surrogate: 1-Chlorooctane 80.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.2 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	07/01/2025	Sampling Date:	07/01/2025
Reported:	07/02/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 48 (4.5') (H253969-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2025	ND	1.94	96.9	2.00	8.42		
Toluene*	<0.050	0.050	07/01/2025	ND	1.97	98.3	2.00	6.96		
Ethylbenzene*	<0.050	0.050	07/01/2025	ND	2.00	100	2.00	4.99		
Total Xylenes*	<0.150	0.150	07/01/2025	ND	5.95	99.1	6.00	5.22		
Total BTEX	<0.300	0.300	07/01/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	07/02/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/01/2025	ND	201	101	200	2.05		
DRO >C10-C28*	<10.0	10.0	07/01/2025	ND	189	94.5	200	6.94		
EXT DRO >C28-C36	<10.0	10.0	07/01/2025	ND						

Surrogate: 1-Chlorooctane 80.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.5 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	07/01/2025	Sampling Date:	07/01/2025
Reported:	07/02/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 49 (4.5') (H253969-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2025	ND	1.94	96.9	2.00	8.42		
Toluene*	<0.050	0.050	07/01/2025	ND	1.97	98.3	2.00	6.96		
Ethylbenzene*	<0.050	0.050	07/01/2025	ND	2.00	100	2.00	4.99		
Total Xylenes*	<0.150	0.150	07/01/2025	ND	5.95	99.1	6.00	5.22		
Total BTEX	<0.300	0.300	07/01/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	07/02/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/01/2025	ND	201	101	200	2.05		
DRO >C10-C28*	<10.0	10.0	07/01/2025	ND	189	94.5	200	6.94		
EXT DRO >C28-C36	<10.0	10.0	07/01/2025	ND						

Surrogate: 1-Chlorooctane 80.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.9 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	07/01/2025	Sampling Date:	07/01/2025
Reported:	07/02/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 50 (4.5') (H253969-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2025	ND	1.94	96.9	2.00	8.42		
Toluene*	<0.050	0.050	07/01/2025	ND	1.97	98.3	2.00	6.96		
Ethylbenzene*	<0.050	0.050	07/01/2025	ND	2.00	100	2.00	4.99		
Total Xylenes*	<0.150	0.150	07/01/2025	ND	5.95	99.1	6.00	5.22		
Total BTEX	<0.300	0.300	07/01/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/02/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/01/2025	ND	201	101	200	2.05		
DRO >C10-C28*	<10.0	10.0	07/01/2025	ND	189	94.5	200	6.94		
EXT DRO >C28-C36	<10.0	10.0	07/01/2025	ND						

Surrogate: 1-Chlorooctane 80.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.2 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	07/01/2025	Sampling Date:	07/01/2025
Reported:	07/02/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 51 (4.5') (H253969-07)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2025	ND	1.94	96.9	2.00	8.42		
Toluene*	<0.050	0.050	07/01/2025	ND	1.97	98.3	2.00	6.96		
Ethylbenzene*	<0.050	0.050	07/01/2025	ND	2.00	100	2.00	4.99		
Total Xylenes*	<0.150	0.150	07/01/2025	ND	5.95	99.1	6.00	5.22		
Total BTEX	<0.300	0.300	07/01/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	07/02/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/01/2025	ND	201	101	200	2.05		
DRO >C10-C28*	<10.0	10.0	07/01/2025	ND	189	94.5	200	6.94		
EXT DRO >C28-C36	<10.0	10.0	07/01/2025	ND						

Surrogate: 1-Chlorooctane 79.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.6 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	07/01/2025	Sampling Date:	07/01/2025
Reported:	07/02/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 52 (4.5') (H253969-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2025	ND	1.94	96.9	2.00	8.42		
Toluene*	<0.050	0.050	07/01/2025	ND	1.97	98.3	2.00	6.96		
Ethylbenzene*	<0.050	0.050	07/01/2025	ND	2.00	100	2.00	4.99		
Total Xylenes*	<0.150	0.150	07/01/2025	ND	5.95	99.1	6.00	5.22		
Total BTEX	<0.300	0.300	07/01/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	07/02/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/01/2025	ND	201	101	200	2.05		
DRO >C10-C28*	<10.0	10.0	07/01/2025	ND	189	94.5	200	6.94		
EXT DRO >C28-C36	<10.0	10.0	07/01/2025	ND						

Surrogate: 1-Chlorooctane 83.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.4 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	07/01/2025	Sampling Date:	07/01/2025
Reported:	07/02/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 53 (4.5') (H253969-09)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2025	ND	1.94	96.9	2.00	8.42		
Toluene*	<0.050	0.050	07/01/2025	ND	1.97	98.3	2.00	6.96		
Ethylbenzene*	<0.050	0.050	07/01/2025	ND	2.00	100	2.00	4.99		
Total Xylenes*	<0.150	0.150	07/01/2025	ND	5.95	99.1	6.00	5.22		
Total BTEX	<0.300	0.300	07/01/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	07/02/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/01/2025	ND	201	101	200	2.05		
DRO >C10-C28*	<10.0	10.0	07/01/2025	ND	189	94.5	200	6.94		
EXT DRO >C28-C36	<10.0	10.0	07/01/2025	ND						

Surrogate: 1-Chlorooctane 80.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.7 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	07/01/2025	Sampling Date:	07/01/2025
Reported:	07/02/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 54 (4.5') (H253969-10)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2025	ND	1.94	96.9	2.00	8.42		
Toluene*	<0.050	0.050	07/01/2025	ND	1.97	98.3	2.00	6.96		
Ethylbenzene*	<0.050	0.050	07/01/2025	ND	2.00	100	2.00	4.99		
Total Xylenes*	<0.150	0.150	07/01/2025	ND	5.95	99.1	6.00	5.22		
Total BTEX	<0.300	0.300	07/01/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	07/02/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/01/2025	ND	201	101	200	2.05		
DRO >C10-C28*	<10.0	10.0	07/01/2025	ND	189	94.5	200	6.94		
EXT DRO >C28-C36	<10.0	10.0	07/01/2025	ND						

Surrogate: 1-Chlorooctane 82.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.6 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	07/01/2025	Sampling Date:	07/01/2025
Reported:	07/02/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 14 (0.5') (H253969-11)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2025	ND	1.94	96.9	2.00	8.42		
Toluene*	<0.050	0.050	07/01/2025	ND	1.97	98.3	2.00	6.96		
Ethylbenzene*	<0.050	0.050	07/01/2025	ND	2.00	100	2.00	4.99		
Total Xylenes*	<0.150	0.150	07/01/2025	ND	5.95	99.1	6.00	5.22		
Total BTEX	<0.300	0.300	07/01/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/02/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/01/2025	ND	201	101	200	2.05		
DRO >C10-C28*	<10.0	10.0	07/01/2025	ND	189	94.5	200	6.94		
EXT DRO >C28-C36	<10.0	10.0	07/01/2025	ND						

Surrogate: 1-Chlorooctane 76.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 73.6 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	07/01/2025	Sampling Date:	07/01/2025
Reported:	07/02/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 15 (4.5') (H253969-12)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2025	ND	1.94	96.9	2.00	8.42		
Toluene*	<0.050	0.050	07/01/2025	ND	1.97	98.3	2.00	6.96		
Ethylbenzene*	<0.050	0.050	07/01/2025	ND	2.00	100	2.00	4.99		
Total Xylenes*	<0.150	0.150	07/01/2025	ND	5.95	99.1	6.00	5.22		
Total BTEX	<0.300	0.300	07/01/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	07/02/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/01/2025	ND	201	101	200	2.05		
DRO >C10-C28*	<10.0	10.0	07/01/2025	ND	189	94.5	200	6.94		
EXT DRO >C28-C36	<10.0	10.0	07/01/2025	ND						

Surrogate: 1-Chlorooctane 81.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.7 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	07/01/2025	Sampling Date:	07/01/2025
Reported:	07/02/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 16 (4.5') (H253969-13)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2025	ND	1.94	96.9	2.00	8.42		
Toluene*	<0.050	0.050	07/01/2025	ND	1.97	98.3	2.00	6.96		
Ethylbenzene*	<0.050	0.050	07/01/2025	ND	2.00	100	2.00	4.99		
Total Xylenes*	<0.150	0.150	07/01/2025	ND	5.95	99.1	6.00	5.22		
Total BTEX	<0.300	0.300	07/01/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/02/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/01/2025	ND	201	101	200	2.05		
DRO >C10-C28*	<10.0	10.0	07/01/2025	ND	189	94.5	200	6.94		
EXT DRO >C28-C36	<10.0	10.0	07/01/2025	ND						

Surrogate: 1-Chlorooctane 75.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 71.5 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	07/01/2025	Sampling Date:	07/01/2025
Reported:	07/02/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 17 (4.5') (H253969-14)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2025	ND	1.94	96.9	2.00	8.42		
Toluene*	<0.050	0.050	07/01/2025	ND	1.97	98.3	2.00	6.96		
Ethylbenzene*	<0.050	0.050	07/01/2025	ND	2.00	100	2.00	4.99		
Total Xylenes*	<0.150	0.150	07/01/2025	ND	5.95	99.1	6.00	5.22		
Total BTEX	<0.300	0.300	07/01/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	07/02/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/01/2025	ND	201	101	200	2.05		
DRO >C10-C28*	<10.0	10.0	07/01/2025	ND	189	94.5	200	6.94		
EXT DRO >C28-C36	<10.0	10.0	07/01/2025	ND						

Surrogate: 1-Chlorooctane 84.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.9 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	07/01/2025	Sampling Date:	07/01/2025
Reported:	07/02/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 18 (4.5') (H253969-15)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2025	ND	1.94	96.9	2.00	8.42		
Toluene*	<0.050	0.050	07/01/2025	ND	1.97	98.3	2.00	6.96		
Ethylbenzene*	<0.050	0.050	07/01/2025	ND	2.00	100	2.00	4.99		
Total Xylenes*	<0.150	0.150	07/01/2025	ND	5.95	99.1	6.00	5.22		
Total BTEX	<0.300	0.300	07/01/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/02/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/01/2025	ND	201	101	200	2.05		
DRO >C10-C28*	<10.0	10.0	07/01/2025	ND	189	94.5	200	6.94		
EXT DRO >C28-C36	<10.0	10.0	07/01/2025	ND						

Surrogate: 1-Chlorooctane 81.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.7 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	07/01/2025	Sampling Date:	07/01/2025
Reported:	07/02/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 19 (4.5') (H253969-16)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2025	ND	1.94	96.9	2.00	8.42		
Toluene*	<0.050	0.050	07/01/2025	ND	1.97	98.3	2.00	6.96		
Ethylbenzene*	<0.050	0.050	07/01/2025	ND	2.00	100	2.00	4.99		
Total Xylenes*	<0.150	0.150	07/01/2025	ND	5.95	99.1	6.00	5.22		
Total BTEX	<0.300	0.300	07/01/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	07/02/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/01/2025	ND	201	101	200	2.05		
DRO >C10-C28*	<10.0	10.0	07/01/2025	ND	189	94.5	200	6.94		
EXT DRO >C28-C36	<10.0	10.0	07/01/2025	ND						

Surrogate: 1-Chlorooctane 79.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 74.5 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	07/01/2025	Sampling Date:	07/01/2025
Reported:	07/02/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 20 (4.5') (H253969-17)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2025	ND	1.94	96.9	2.00	8.42		
Toluene*	<0.050	0.050	07/01/2025	ND	1.97	98.3	2.00	6.96		
Ethylbenzene*	<0.050	0.050	07/01/2025	ND	2.00	100	2.00	4.99		
Total Xylenes*	<0.150	0.150	07/01/2025	ND	5.95	99.1	6.00	5.22		
Total BTEX	<0.300	0.300	07/01/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	07/02/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/01/2025	ND	201	101	200	2.05		
DRO >C10-C28*	<10.0	10.0	07/01/2025	ND	189	94.5	200	6.94		
EXT DRO >C28-C36	<10.0	10.0	07/01/2025	ND						

Surrogate: 1-Chlorooctane 80.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.0 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	07/01/2025	Sampling Date:	07/01/2025
Reported:	07/02/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 21 (4.5') (H253969-18)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2025	ND	1.94	96.9	2.00	8.42		
Toluene*	<0.050	0.050	07/01/2025	ND	1.97	98.3	2.00	6.96		
Ethylbenzene*	<0.050	0.050	07/01/2025	ND	2.00	100	2.00	4.99		
Total Xylenes*	<0.150	0.150	07/01/2025	ND	5.95	99.1	6.00	5.22		
Total BTEX	<0.300	0.300	07/01/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/02/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/01/2025	ND	201	101	200	2.05		
DRO >C10-C28*	<10.0	10.0	07/01/2025	ND	189	94.5	200	6.94		
EXT DRO >C28-C36	<10.0	10.0	07/01/2025	ND						

Surrogate: 1-Chlorooctane 73.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 69.9 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	07/01/2025	Sampling Date:	07/01/2025
Reported:	07/02/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 22 (4.5') (H253969-19)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2025	ND	1.94	96.9	2.00	8.42		
Toluene*	<0.050	0.050	07/01/2025	ND	1.97	98.3	2.00	6.96		
Ethylbenzene*	<0.050	0.050	07/01/2025	ND	2.00	100	2.00	4.99		
Total Xylenes*	<0.150	0.150	07/01/2025	ND	5.95	99.1	6.00	5.22		
Total BTEX	<0.300	0.300	07/01/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/02/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/01/2025	ND	201	101	200	2.05		
DRO >C10-C28*	<10.0	10.0	07/01/2025	ND	189	94.5	200	6.94		
EXT DRO >C28-C36	<10.0	10.0	07/01/2025	ND						

Surrogate: 1-Chlorooctane 75.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 70.8 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	07/01/2025	Sampling Date:	07/01/2025
Reported:	07/02/2025	Sampling Type:	Soil
Project Name:	DIAMOND 34 FED NO.2	Sampling Condition:	Cool & Intact
Project Number:	2661	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 23 (4.5') (H253969-20)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2025	ND	1.94	96.9	2.00	8.42		
Toluene*	<0.050	0.050	07/01/2025	ND	1.97	98.3	2.00	6.96		
Ethylbenzene*	<0.050	0.050	07/01/2025	ND	2.00	100	2.00	4.99		
Total Xylenes*	<0.150	0.150	07/01/2025	ND	5.95	99.1	6.00	5.22		
Total BTEX	<0.300	0.300	07/01/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/02/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/01/2025	ND	201	101	200	2.05		
DRO >C10-C28*	<10.0	10.0	07/01/2025	ND	189	94.5	200	6.94		
EXT DRO >C28-C36	<10.0	10.0	07/01/2025	ND						

Surrogate: 1-Chlorooctane 82.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.8 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: H253019

Project Manager:	Conner Moehring	Bill to: (if different)	James Kennedy
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	340 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	James.Kennedy@eogresources.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Sample Identification	Date	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST			Preservative Codes
						BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
CS-45 (4.5)	7/1/2025	X		Comp	1	X	X	X	None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
CS-46 (4.5)	7/1/2025	X		Comp	1	X	X	X	
CS-47 (4.5)	7/1/2025	X		Comp	1	X	X	X	
CS-48 (4.5)	7/1/2025	X		Comp	1	X	X	X	
CS-49 (4.5)	7/1/2025	X		Comp	1	X	X	X	
CS-50 (4.5)	7/1/2025	X		Comp	1	X	X	X	
CS-51 (4.5)	7/1/2025	X		Comp	1	X	X	X	
CS-52 (4.5)	7/1/2025	X		Comp	1	X	X	X	
CS-53 (4.5)	7/1/2025	X		Comp	1	X	X	X	
CS-54 (4.5)	7/1/2025	X		Comp	1	X	X	X	

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

Relinquished by: (Signature)	<i>Conner Moehring</i>	Date/Time	7-1-25
Received by: (Signature)	<i>APRISON</i>	Date/Time	7-1-25 / 14H

Chain of Custody

Work Order No: HS 2409

Page 2 of 2

Page 24 of 24

Project Manager:	Conner Moehring	Bill to: (if different)	James Kennedy
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Mirland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	James.Kennedy@eogresources.com

Work Order Comments	
Program:	UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:	
Reporting Level:	Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: <input type="checkbox"/>

Project Name:	Diamond 34 Fed No. 2	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code		ANALYSIS REQUEST	Preservative Codes
Project Number:	2661	Due Date:	24 HR TAT				None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₂ SO ₄ : HP H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
Project Location:	Lea County, New Mexico						DI Water: H ₂ O MeOH: Me HNO ₃ : HN NaOH: Na
Sampler's Name:	JM						
PO #:							

Sample Identification	Date	Soil	Water	Grab/Comp	# of Cont	Parameters	Sample Comments
11 SW-14 (0.5')	7/1/2025	X		Comp	1	BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500	
12 SW-15 (4.5')	7/1/2025	X		Comp	1		
13 SW-16 (4.5')	7/1/2025	X		Comp	1		
14 SW-17 (4.5')	7/1/2025	X		Comp	1		
15 SW-18 (4.5')	7/1/2025	X		Comp	1		
16 SW-19 (4.5')	7/1/2025	X		Comp	1		
17 SW-20 (4.5')	7/1/2025	X		Comp	1		
18 SW-21 (4.5')	7/1/2025	X		Comp	1		
19 SW-22 (4.5')	7/1/2025	X		Comp	1		
20 SW-23 (4.5')	7/1/2025	X		Comp	1		

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

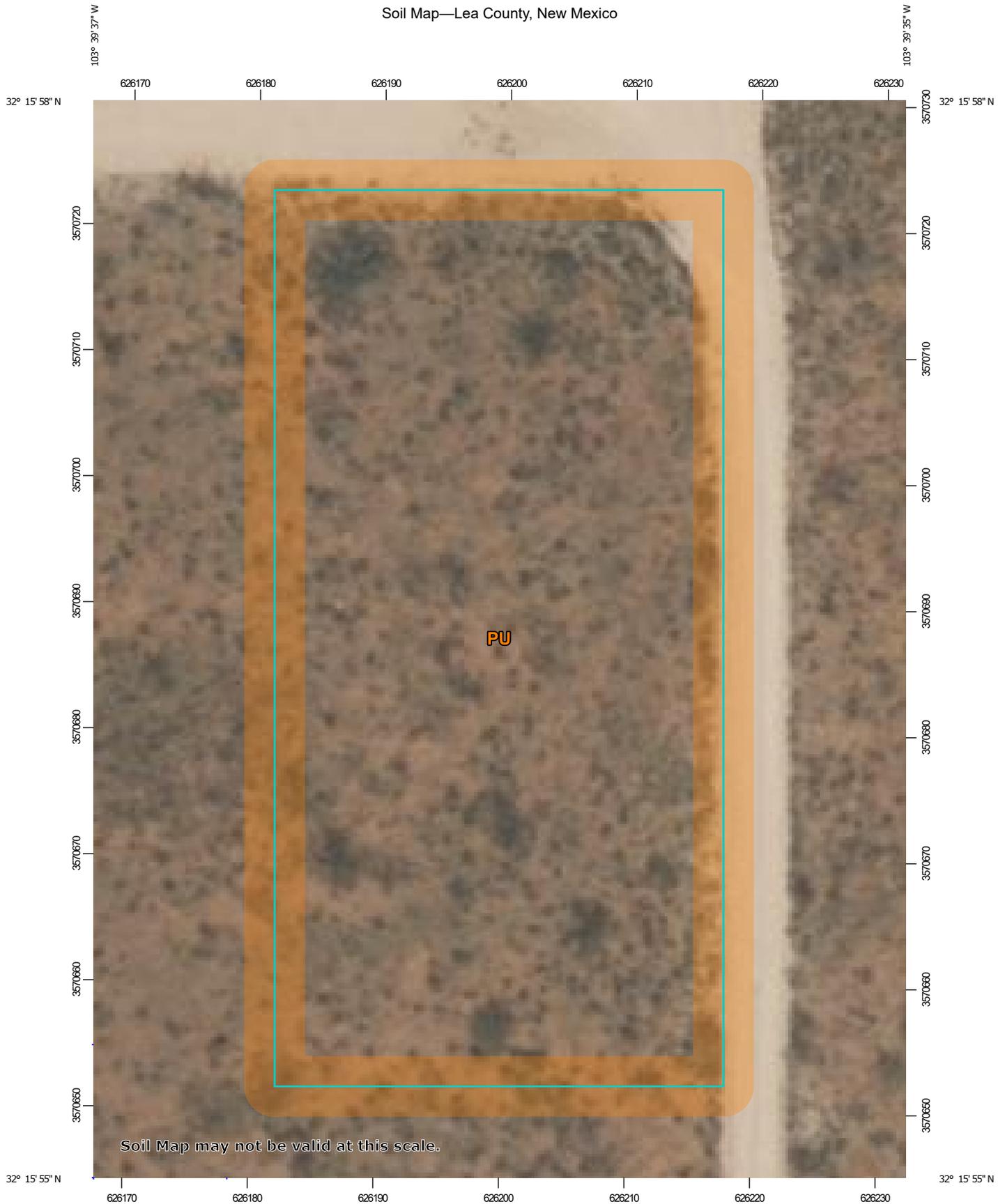
Relinquished by: (Signature)	<i>Mike Moehring</i>	Date/Time	7-1-25	Received by: (Signature)	<i>Deanna</i>	Date/Time	7/1/25/1414
------------------------------	----------------------	-----------	--------	--------------------------	---------------	-----------	-------------

APPENDIX F

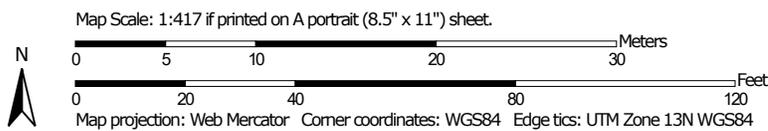
CARMONA RESOURCES



Soil Map—Lea County, New Mexico



Soil Map may not be valid at this scale.



Natural Resources Conservation Service

Web Soil Survey National Cooperative Soil Survey

3/6/2025 Page 1 of 3

Soil Map—Lea County, New Mexico

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features

-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features

Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.
 Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico
 Survey Area Data: Version 21, 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
PU	Pyote and Maljamar fine sands	0.6	100.0%
Totals for Area of Interest		0.6	100.0%

Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

Lea County, New Mexico

PU—Pyote and Maljamar fine sands

Map Unit Setting

National map unit symbol: dmqq
Elevation: 3,000 to 3,900 feet
Mean annual precipitation: 10 to 12 inches
Mean annual air temperature: 60 to 62 degrees F
Frost-free period: 190 to 205 days
Farmland classification: Not prime farmland

Map Unit Composition

Pyote and similar soils: 46 percent
Maljamar and similar soils: 44 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Pyote

Setting

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 30 inches: fine sand
Bt - 30 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 5.1 inches)

Interpretive groups

Land capability classification (irrigated): 6e

Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: A
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Description of Maljamar

Setting

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 24 inches: fine sand
Bt - 24 to 50 inches: sandy clay loam
Bkm - 50 to 60 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 40 to 60 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 5.6 inches)

Interpretive groups

Land capability classification (irrigated): 6e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Kermit

Percent of map unit: 10 percent
Ecological site: R070BC022NM - Sandhills

Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 21, Sep 3, 2024

BLM SERIAL #:

COMPANY REFERENCE:

3.3 Seed Mixture 2, for Sandy Sites

The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law (s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

<u>Species</u>	<u>lb/acre</u>
Sand dropseed (Sporobolus cryptandrus)	1.0
Sand love grass (Eragrostis trichodes)	1.0
Plains bristlegrass (Setaria macrostachya)	2.0

*Pounds of pure live seed: Pounds of seed x percent purity x percent germination = pounds pure live seed

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 533713

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 533713
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2502933209
Incident Name	NAPP2502933209 DIAMOND 34 FEDERAL #002 @ 30-025-33112
Incident Type	Blow Out
Incident Status	Reclamation Report Received
Incident Well	[30-025-33112] DIAMOND 34 FEDERAL #002

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	DIAMOND 34 FEDERAL #002
Date Release Discovered	01/28/2025
Surface Owner	Federal

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Blow Out Well Crude Oil Released: 1,600 BBL Recovered: 990 BBL Lost: 610 BBL.
Produced Water Released (bbls) Details	Cause: Blow Out Well Produced Water Released: 200 BBL Recovered: 110 BBL Lost: 90 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 533713

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 533713
	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: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 12/10/2025
--	--

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, Page 3

Action 533713

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 533713
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 75 and 100 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 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	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

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

Requesting a remediation plan approval with this submission	Yes
<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)	6240
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	5829
GRO+DRO (EPA SW-846 Method 8015M)	5310
BTEX (EPA SW-846 Method 8021B or 8260B)	191
Benzene (EPA SW-846 Method 8021B or 8260B)	5.4

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	06/16/2025
On what date will (or did) the final sampling or liner inspection occur	07/01/2025
On what date will (or was) the remediation complete(d)	07/18/2025
What is the estimated surface area (in square feet) that will be reclaimed	105516
What is the estimated volume (in cubic yards) that will be reclaimed	3908
What is the estimated surface area (in square feet) that will be remediated	27198
What is the estimated volume (in cubic yards) that will be remediated	5370

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed. The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 4

Action 533713

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 533713
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)

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

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fJEG1635837366 OWL LANDFILL JAL
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	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement	Name: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 12/10/2025
--	--

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.

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 5

Action 533713

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 533713
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only	
<i>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.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 6

Action 533713

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 533713
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	479121
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/01/2025
What was the (estimated) number of samples that were to be gathered	10
What was the sampling surface area in square feet	1409

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
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	27198
What was the total volume (cubic yards) remediated	5370
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	105516
What was the total volume (in cubic yards) reclaimed	3908
Summarize any additional remediation activities not included by answers (above)	na

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: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 12/10/2025
--	--

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, Page 7

Action 533713

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 533713
	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	105516
What was the total volume of replacement material (in cubic yards) for this site	3908
<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)	07/18/2025
Summarize any additional reclamation activities not included by answers (above)	na
<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: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 12/10/2025

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, Page 8

Action 533713

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 533713
	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>	

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 533713

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 533713
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
nvez	Remediation closure and reclamation report approved. Release resolved. Pending re-vegetation report.	2/12/2026