



SITE INFORMATION

Work Plan
Yellow Fin Federal Com 002H (09.10.25)
Incident # nAPP2528128866
Eddy County, New Mexico
Unit A Sec 24 T26S R25E
32.031699°, -104.341964°

Produced Water Release
Point of Release: Corrosion
Release Date: 09/10/2025
Volume Released: 33 Barrels of Produced Water
Volume Recovered: 0 Barrels of Produced Water

CARMONA RESOURCES



Prepared for:
COG Operating, LLC
600 W. Illinois Ave.
Midland, Texas 79701

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

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



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April 15, 2026

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

**Re: Work Plan
Yellow Fin Federal Com 002H (09.10.25)
COG Operating, LLC
Incident # nAPP2528128866
Site Location: Unit A Sec 24 T26S R25E
(Lat 32.031699°, Long -104.341964°)
Eddy County, New Mexico**

Mr. Bratcher:

On behalf of Concho Operating, LLC (COG), Carmona Resources, LLC has prepared this letter to document site assessment activities for the Yellow Fin Federal Com 002H. The site is located at 32.031699°, -104.341964° within Unit A, S24, T26S, R25E in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial Notification of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on September 10, 2025, due equipment failure from corrosion. It resulted in the release of approximately thirty-three (33) barrels of produced water with zero (0) barrels of produced water recovered. The impacted area occurred along the lease road, as shown in Figures 3A-3B. The initial Notification of Release and C-141 forms are attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a high karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. The nearest identified well is located approximately 0.82 miles Southeast of the site in S19, T26S, R26E and was drilled in 2020. The well has a reported depth to groundwater of 23' below ground surface (ft bgs). A copy of the associated Point of Diversion Summary report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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

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4.0 Site Assessment Activities

Initial Assessment

On November 11, 2025, Carmona Resources, LLC performed initial site assessment activities to evaluate soil impacts stemming from the release. A total of nine (9) trenching sample points (T-1 through T-9) and nine (9) horizontal sample points (H-1 through H-9) were advanced to depths ranging from surface to 9' bgs inside and surrounding the release area to evaluate the vertical and horizontal extent. See Figures 3A-3B for the soil sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

The sample results are summarized in Table 1.

5.0 Proposed Work Plan

Based on the analytical data and the detected chloride concentrations, COG proposes to remediate the areas shown in Figures 4A-4B and highlighted (blue) in Table 1.

- The areas of T-1 through T-5 will be excavated to a depth of 4' bgs and backfilled with clean material to grade.
- The areas of T-6 and T-7 will be excavated to a depth of 5' bgs and backfilled with clean material to grade.
- The area of T-8 will be excavated to a depth of 3' bgs and backfilled with clean material to grade.
- A variance is requested per 19.15.29.14. An NMAC, five-point composite bottom floor hole and sidewall samples will be collected every 400 square feet to represent the release area.
- An estimated 515 cubic yards will be removed and hauled to the nearest disposal based on the maximum depth.
- Once the site activities and excavation are complete, the areas will be backfilled with clean material to surface grade. The remediation will be implemented 90 days after the work plan is approved.

6.0 Conclusions

Upon completion, a final closure report describing the remediation activities will be presented to the New Mexico Oil Conservation Division (NMOCD). If you have any questions regarding this report or need additional information, please contact us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

Conner Moehring
Environmental Manager

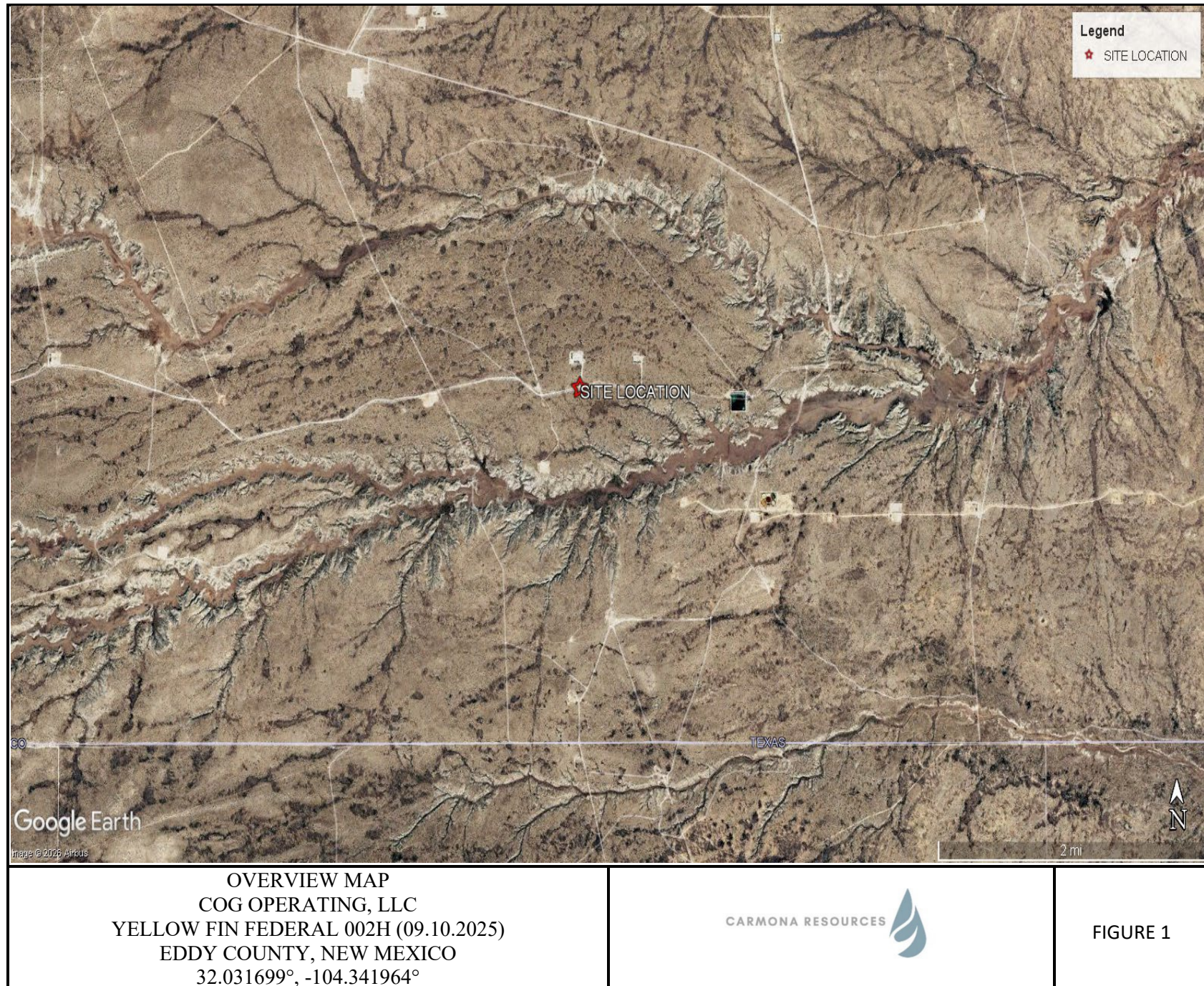
Stephen Reyes
Environmental Engineer

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

FIGURES

CARMONA RESOURCES







TOPOGRAPHIC MAP
COG OPERATING, LLC
YELLOW FIN FEDERAL 002H (09.10.2025)
EDDY COUNTY, NEW MEXICO
32.031699°, -104.341964°



FIGURE 2



SAMPLE LOCATION MAP
COG OPERATING, LLC
YELLOW FIN FEDERAL 002H (09.10.2025)
EDDY COUNTY, NEW MEXICO
32.031699°, -104.341964°



FIGURE 3A



SAMPLE LOCATION MAP
COG OPERATING, LLC
YELLOW FIN FEDERAL 002H (09.10.2025)
EDDY COUNTY, NEW MEXICO
32.031699°, -104.341964°



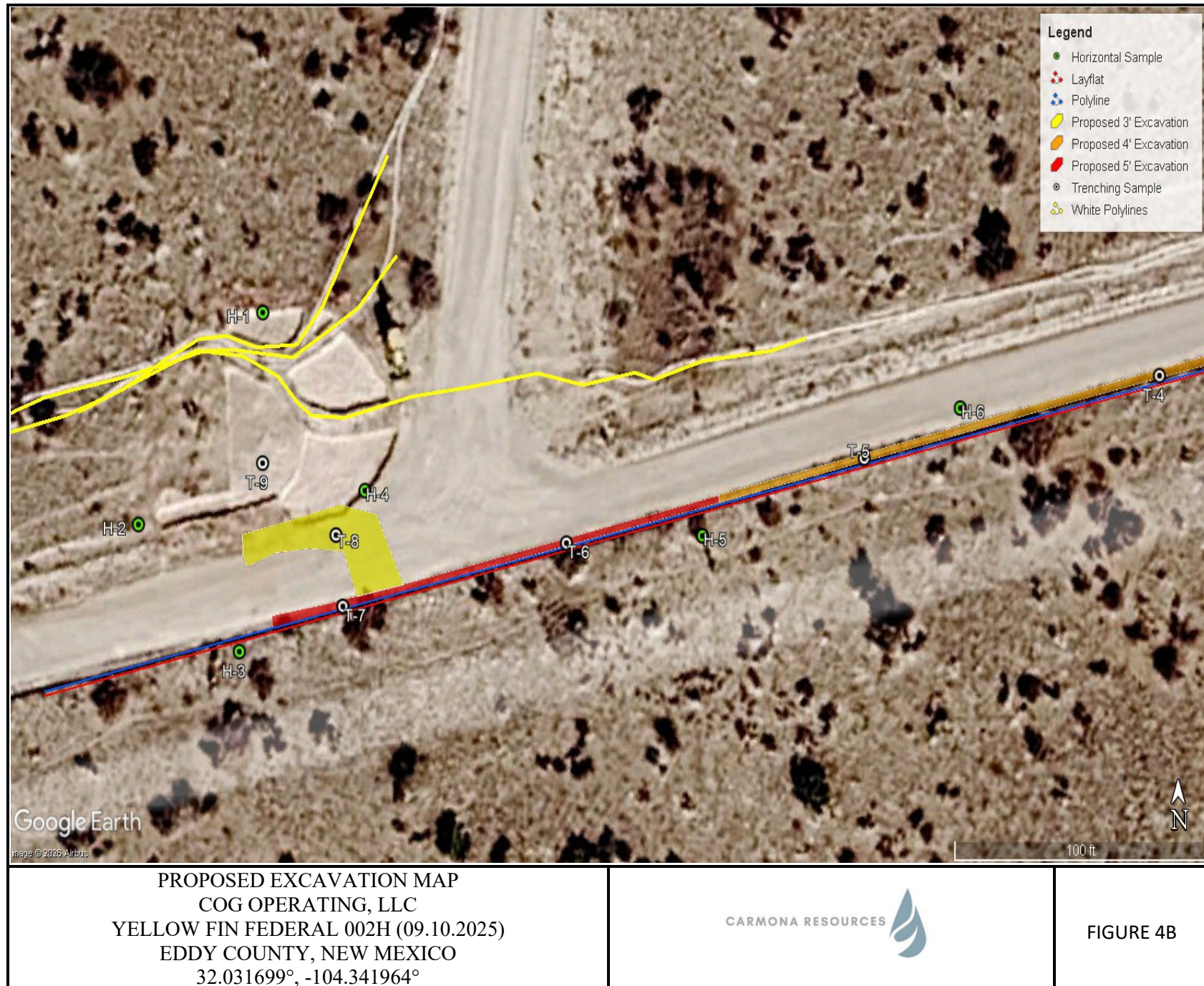
FIGURE 3B



PROPOSED EXCAVATION MAP
 COG OPERATING, LLC
 YELLOW FIN FEDERAL 002H (09.10.2025)
 EDDY COUNTY, NEW MEXICO
 32.031699°, -104.341964°



FIGURE 4A



APPENDIX A

CARMONA RESOURCES



Table 1
COG Operating, LLC
Yellowfin 2H (09.10.25)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
T-1	11/11/2025	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	3,420
	"	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	631
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,860
	"	3'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	4,130
	"	4'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	13.9
	"	5'	<49.9	<49.9	<49.9	<49.9	<0.00202	0.00245	<0.00202	<0.00403	<0.00403	239
T-2	11/11/2025	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	2,000
	"	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,500
	"	2'	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3,930
	"	3'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,570
	"	4'	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	38.7
	"	5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<9.96
T-3	11/11/2025	0-1'	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	3,190
	"	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	4,130
	"	2'	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	4,120
	"	3'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	4,950
	"	4'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	18.4
T-4	11/11/2025	0-1'	212	96.9	<49.9	309	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	2,380
	"	1.5'	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	3,610
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	4,570
	"	3'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	4,480
	"	4'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	199
T-5	11/11/2025	0-1'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	4,510
	"	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	6,460
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5,550
	"	3'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	983
	"	4'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	416
T-6	11/11/2025	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	6,300
	"	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	7,860
	"	2'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5,650
	"	3'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,200
	"	4'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	1,580
	"	5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	13.0
Regulatory Criteria ^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg
(-) Not Analyzed												
^A - Table 1 - 19.15.29 NMAC												
mg/kg - milligram per kilogram												
TPH - Total Petroleum Hydrocarbons												
ft - feet												
(T) Test Trench												
Proposed Excavation												

Table 1
COG Operating, LLC
Yellowfin 2H (09.10.25)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
T-7	11/11/2025	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,340
	"	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	7,400
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3,290
	"	3'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	2,200
	"	4'	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	3,330
	"	5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	270
	"	6'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	13.9
T-8	11/11/2025	0-1'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	10,600
	"	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	3,440
	"	2'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,050
	"	3'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	161
	"	4'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	31.5
	"	5'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	41.5
	"	6'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	217
	"	7'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	14.1
	"	8'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	30.9
	"	9'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	15.5
T-9	11/11/2025	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	505
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	548
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	566
	"	3'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	183
	"	4'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	33.1
	"	5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	52.8
	"	6'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	35.3
	"	7'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	29.3
	"	8'	<50.2	<50.2	<50.2	<50.2	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	34.9
	"	9'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	13.7
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

(T) Test Trench

 Proposed Excavation

Table 1
COG Operating, LLC
Yellowfin 2H (09.10.25)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	10/13/2025	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	97.7
H-2	10/13/2025	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	110
H-3	10/13/2025	0-1'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	93.5
H-4	10/13/2025	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	92.3
H-5	10/13/2025	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	65.3
H-6	10/13/2025	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	99.4
H-7	10/13/2025	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	86.7
H-8	10/13/2025	0-1'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	128
H-9	10/13/2025	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	113
Regulatory Criteria ^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC
 mg/kg - milligram per kilogram
 TPH - Total Petroleum Hydrocarbons
 ft - feet
 (H) - Horizontal Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

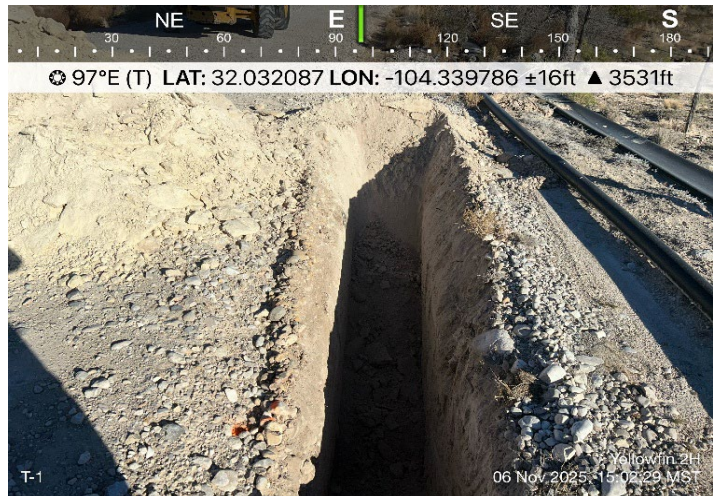
COG Operating, LLC

Photograph No. 1

Facility: Yellowfin 2H (09.10.25)

County: Eddy County, New Mexico

Description:
ViewEast, area of T-1



Photograph No. 2

Facility: Yellowfin 2H (09.10.25)

County: Eddy County, New Mexico

Description:
View North, area of T-2



Photograph No. 3

Facility: Yellowfin 2H (09.10.25)

County: Eddy County, New Mexico

Description:
View East, area of T-3

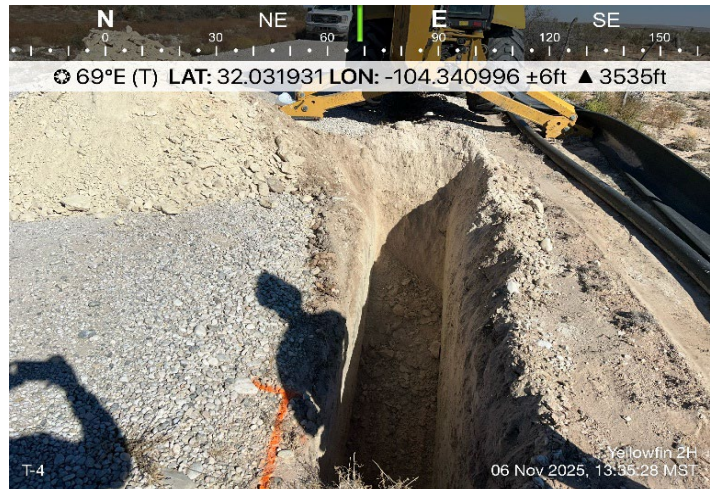


PHOTOGRAPHIC LOG

COG Operating, LLC

Photograph No. 4**Facility:** Yellowfin 2H (09.10.25)**County:** Eddy County, New Mexico**Description:**

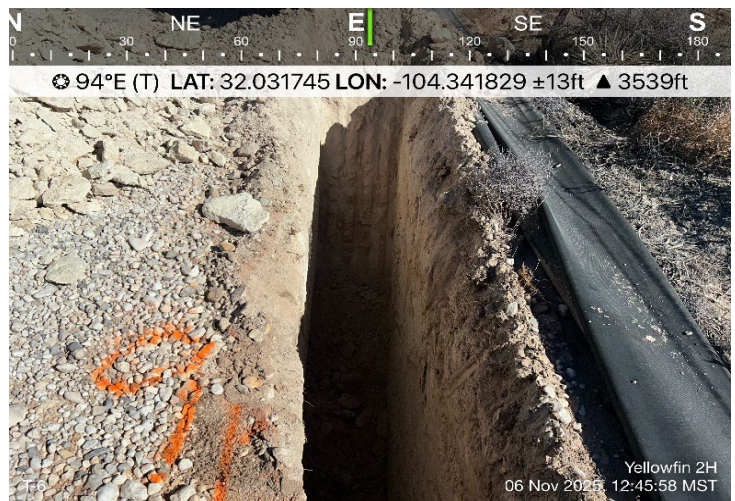
View East, area of T-4

**Photograph No. 5****Facility:** Yellowfin 2H (09.10.25)**County:** Eddy County, New Mexico**Description:**

View Northeast, area of T-5

**Photograph No. 6****Facility:** Yellowfin 2H (09.10.25)**County:** Eddy County, New Mexico**Description:**

View East, area of T-6



PHOTOGRAPHIC LOG

COG Operating, LLC

Photograph No. 7

Facility: Yellowfin 2H (09.10.25)

County: Eddy County, New Mexico

Description:

View Northeast, area of T-7



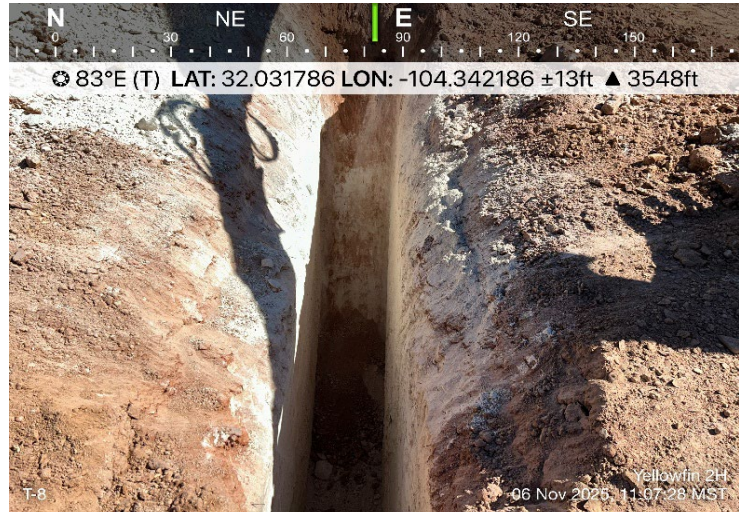
Photograph No. 8

Facility: Yellowfin 2H (09.10.25)

County: Eddy County, New Mexico

Description:

View East, area of T-8



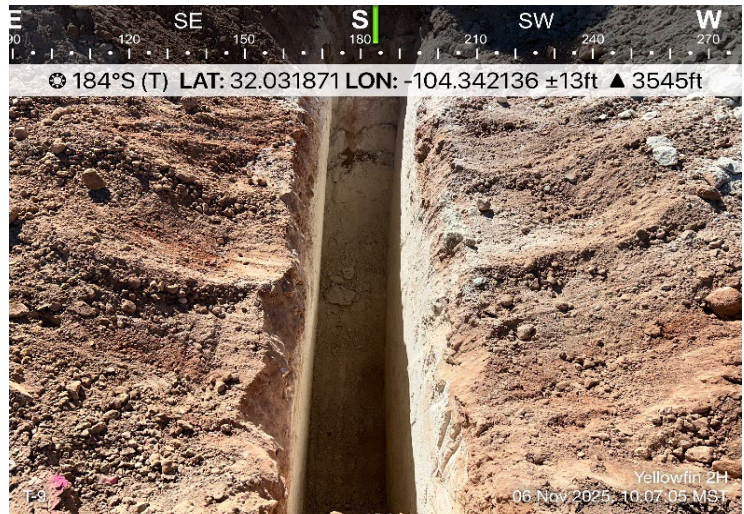
Photograph No. 9

Facility: Yellowfin 2H (09.10.25)

County: Eddy County, New Mexico

Description:

View South, area of T-9



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 513130

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 513130
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Yellow Fin Federal Com 002H
Date Release Discovered	09/10/2025
Surface Owner	Federal

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

Nature and Volume of Release	
<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	Not answered.
Produced Water Released (bbls) Details	Cause: Corrosion Other (Specify) Produced Water Released: 33 BBL Recovered: 0 BBL Lost: 33 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	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 513130

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 513130
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

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

Initial Response

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

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

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

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Oil Conservation Division
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Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 513130

ACKNOWLEDGMENTS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 513130
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

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

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

CONDITIONS

Action 513130

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 513130
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
brittanyesperza	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	10/8/2025

Received by OCD: 5/27/2026 10:03:19AM

Facility Name & Well Number(s): Yellow Fin Federal Com #2H unit C, SEC 19, T26S, R26E 330' FNL & 1880'FWL EDDY CO., NM NMNM103597 API #30-015-41129

Release Discovery Date & Time: 9-10-2025 12:PM

Page 25 of 195

Provide any known details about the event:

Flex line rupture

Primary Cause (dropdown):

Internal Corrosion - Other

Secondary Cause (dropdown):

External Corrosion - Other

Recovered Volume (bbl.) (if available, not included in volume calculations)

Method of Determination (dropdown)

Release Type (dropdown):

> 1/2" of Rain in Last 24 Hours (dropdown):

% Rainwater Recovered (not included in volume calculations, informational):

BU:

Permian

Asset Area:

DBW - Farmland

0

Field Measurement

Produced Water

No

0%

Known Volume (dropdown):

No

Known Area (dropdown):

No

Spill Calculation - Subsurface Spill - Rectangle

Remediation Recommendation

Convert Irregular shape into a series of rectangles

Length (ft.)

Width (ft.)

Average Depth (in.)

On/Off Pad (dropdown)

Soil Spilled-Fluid Saturation (%)

Estimated volume of each area (bbl.)

Total Estimated Volume of Spill (bbl.)

Rectangle A

100.0

50.0

3.0

Off-Pad

9.87%

222.50

21.96

Rectangle B

40.0

40.0

2.0

Off-Pad

9.87%

47.47

4.68

Rectangle C

250.0

2.0

2.0

Off-Pad

9.87%

14.83

1.46

Rectangle D

40.0

40.0

2.0

Off-Pad

9.87%

47.47

4.68

Rectangle E

0.00

Rectangle F

0.00

Rectangle G

0.00

Rectangle H

0.00

Rectangle I

0.00

Rectangle J

0.00

Total Subsurface Volume Released:

32.7947

Total Estimated Contaminated Soil, uncompacted, 25% (yd³.)

Current Rule of Thumb - RMR Handover Volume, (yd³.)

57.87

12.35

3.86

12.35

0.00

0.00

0.00

0.00

0.00

0.00

0.00

86.42

750

BU

Released to Imaging: 6/9/2026 1:58:10 PM

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Phone: (505) 476-3441

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<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 513189

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 513189
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2528128866
Incident Name	NAPP2528128866 YELLOW FIN FEDERAL COM 002H @ FAPP2203533441
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received
Incident Facility	[fAPP2203533441] YELLOW FIN FED - RT BTRY

Location of Release Source

Please answer all the questions in this group.

Site Name	Yellow Fin Federal Com 002H
Date Release Discovered	09/10/2025
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Corrosion Other (Specify) Produced Water Released: 33 BBL Recovered: 0 BBL Lost: 33 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 513189

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 513189
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

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

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 10/08/2025
--	---

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QUESTIONS, Page 3

Action 513189

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 513189
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	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	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	No
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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

CONDITIONS

Action 513189

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 513189
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	Initial C-141 is approved. Please note that the due date was 9/25/2025.	10/8/2025

APPENDIX D

CARMONA RESOURCES

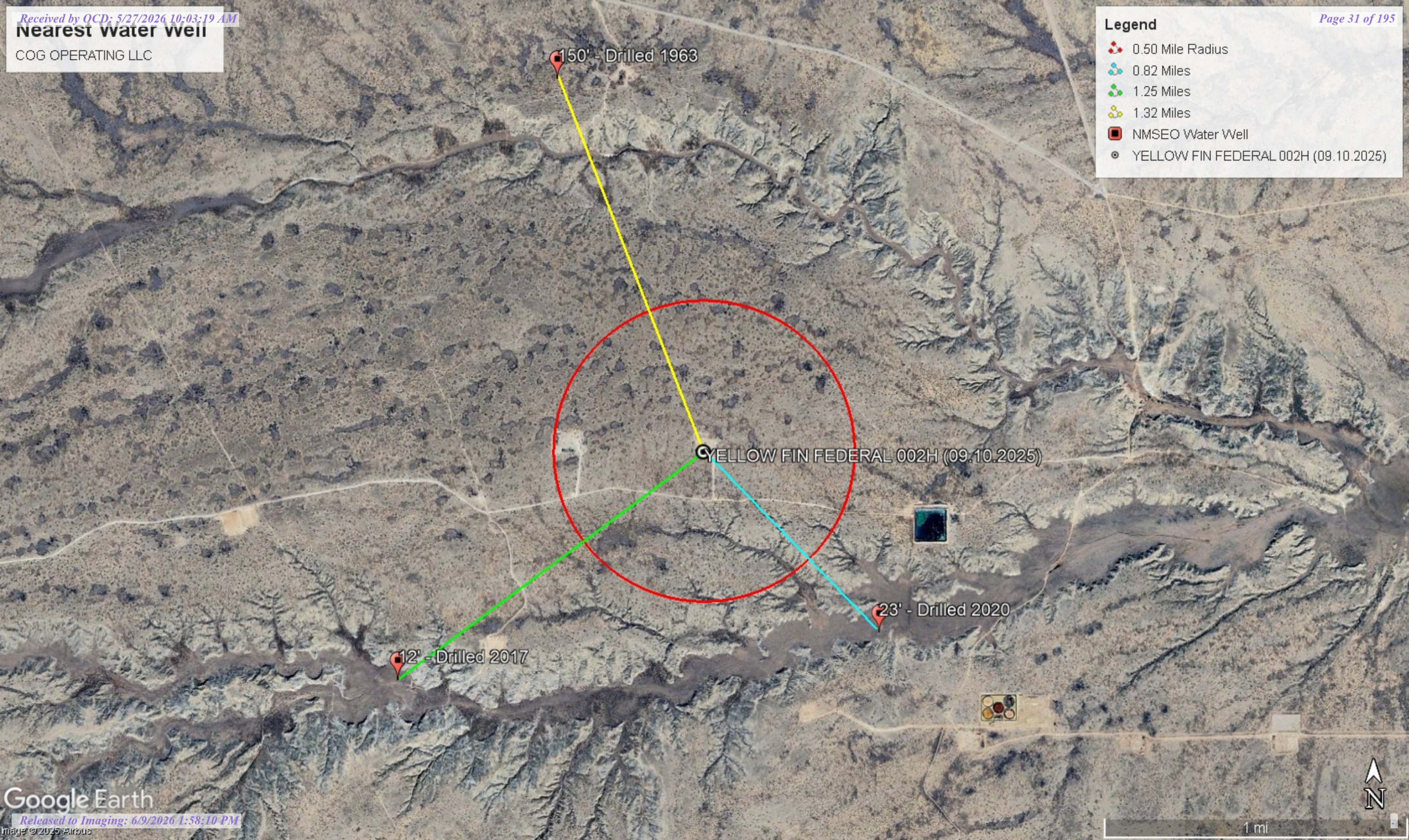


Nearest water well

COG OPERATING LLC

Legend

- 0.50 Mile Radius
- 0.82 Miles
- 1.25 Miles
- 1.32 Miles
- NMSEO Water Well
- YELLOW FIN FEDERAL 002H (09.10.2025)



High Karst

COG OPERATING LLC

Legend

-  High
-  YELLOW FIN FEDERAL 002H (09.10.2025)

YELLOW FIN FEDERAL 002H (09.10.2025)





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)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	(meters)	(In feet)		
													Distance	Well Depth	Depth Water	Water Column
C 03811 POD1		C	ED	SE	NW	SE	19	26S	26E	563746.3	3543436.7		1329	75	23	52
C 01351		CUB	ED	SE	NE	SE	19	26S	26E	563772.0	3543411.0 *		1365	25		
C 03810 POD1		C	ED	SW	NW	SW	20	26S	26E	563895.5	3543406.8		1457	100	15	85
C 01351 X-2		CUB	ED	SW	NW	SW	20	26S	26E	563978.0	3543413.0 *		1515	25		
C 04041 POD1		C	ED	NE	NW	SW	20	26S	26E	564281.4	3543559.5		1682	100	60	40
C 04046 POD1		CUB	ED	NW	NE	SW	20	26S	26E	564437.0	3543647.3		1780	140	100	40
C 01351 X		CUB	ED	SE	SE	NW	20	26S	26E	564581.0	3543822.0 *		1852	25		
C 03812 POD1		C	ED	SE	SE	NW	20	26S	26E	564641.0	3543737.9		1936	96	15	81
C 04270 POD1		CUB	ED	SW	SE	SW	20	26S	26E	564288.2	3543019.5		2008	90	76	14
C 04047 POD1		CUB	ED	NW	SE	SW	24	26S	25E	561201.8	3543172.9		2020	100	12	88
C 04270 POD4		CUB	ED	SW	SE	SW	20	26S	26E	564327.4	3542970.5		2070	75		
C 03816 POD1		C	ED	NW	SE	SW	24	26S	25E	561116.2	3543177.4		2087	80	10	70
C 02366		CUB	ED		SE	SE	12	26S	25E	562027.0	3546345.0 *		2111	80	150	-70
C 04270 POD3		CUB	ED	SW	SE	SW	20	26S	26E	564484.1	3543072.5		2123	50	42	8
C 04048 POD1		CUB	ED	NE	SW	NE	20	26S	26E	565061.3	3543969.4		2282	140	80	60
C 04169 POD1		CUB	ED	NE	SW	NE	20	26S	26E	565087.5	3543933.5		2315	151	10	141
C 02790		CUB	ED	SW	NE	NW	25	26S	25E	561146.0	3542586.0 *		2456	100		
C 02791		CUB	ED		SE	SE	17	26S	26E	565288.0	3544739.0 *		2495	100		
C 04170 POD1		CUB	ED	SE	SE	NE	20	26S	26E	565477.9	3543926.5		2700	136	12	124
C 02407		C	ED	NW	SE	NW	08	26S	26E	564347.0	3547268.0 *		3262	160	22	138
C 04171 POD1		CUB	ED	NW	SW	NE	21	26S	26E	566392.9	3543991.8		3597	153		
C 01924		C	ED	SW	NE	SE	26	26S	25E	560338.0	3541769.0 *		3605			
C 04091 POD1		CUB	ED	NE	SW	NE	21	26S	26E	566527.6	3543940.4		3737	140	85	55
C 04172 POD1		CUB	ED	NE	SW	NE	21	26S	26E	566553.4	3544004.9		3755	116	22	94
C 04173 POD1		CUB	ED	SE	NW	NE	21	26S	26E	566611.6	3544172.2		3800	117	22	95
C 02370		CUB	ED		NW	NW	36	26S	25E	560846.0	3541060.0 *		3867	60	7	53

Average Depth to Water: 42 feet

Minimum Depth: 7 feet

Maximum Depth: 150 feet

Record Count: 26

UTM Filters (in meters):

Easting: 562817.00

Northing: 3544387.00

Radius: 4000



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(quarters are smallest to largest)				(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y		
22386	C 03811 POD1	4	1	4	19	26S	26E	563746	3543436		
Driller License:		1690			Driller Company:			VISION RESOURCES, INC			
Driller Name:		JASON MALEY									
Drill Start Date:		05/18/2020			Drill Finish Date:			05/19/2020		Plug Date:	
Log File Date:		06/08/2020			PCW Rev Date:					Source: Shallow	
Pump Type:					Pipe Discharge Size:					Estimated Yield: 100 GPM	
Casing Size:		6.00			Depth Well:			75 feet		Depth Water: 23 feet	
Water Bearing Stratifications:					Top	Bottom	Description				
					15	75	Sandstone/Gravel/Conglomerate				
Casing Perforations:					Top	Bottom					
					20	75					

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.



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
C	04047 POD1	1	4	3	24	26S	25E	561202	3543172
Driller License:	1690	Driller Company:				VISION RESOURCES, INC			
Driller Name:	JASON MALEY								
Drill Start Date:	06/14/2017	Drill Finish Date:				06/15/2017		Plug Date:	
Log File Date:	06/26/2017	PCW Rcv Date:						Source:	Shallow
Pump Type:		Pipe Discharge Size:						Estimated Yield:	200 GPM
Casing Size:	6.00	Depth Well:				100 feet		Depth Water:	12 feet
Water Bearing Stratifications:				Top	Bottom	Description			
				10	65	Other/Unknown			
Casing Perforations:				Top	Bottom				
				20	100				

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.

5/13/24 8:46 AM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)						(quarters are smallest to largest)		(NAD83 UTM in meters)		
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y			
	C 02366		4	4	12	26S	25E	562027	3546345*			
Driller License:		Driller Company:										
Driller Name:		UNKNOWN										
Drill Start Date:		Drill Finish Date:				04/05/1963		Plug Date:				
Log File Date:		PCW Rcv Date:				Source:						
Pump Type:		Pipe Discharge Size:				Estimated Yield:			25 GPM			
Casing Size:	4.00	Depth Well:				80 feet		Depth Water:		150 feet		

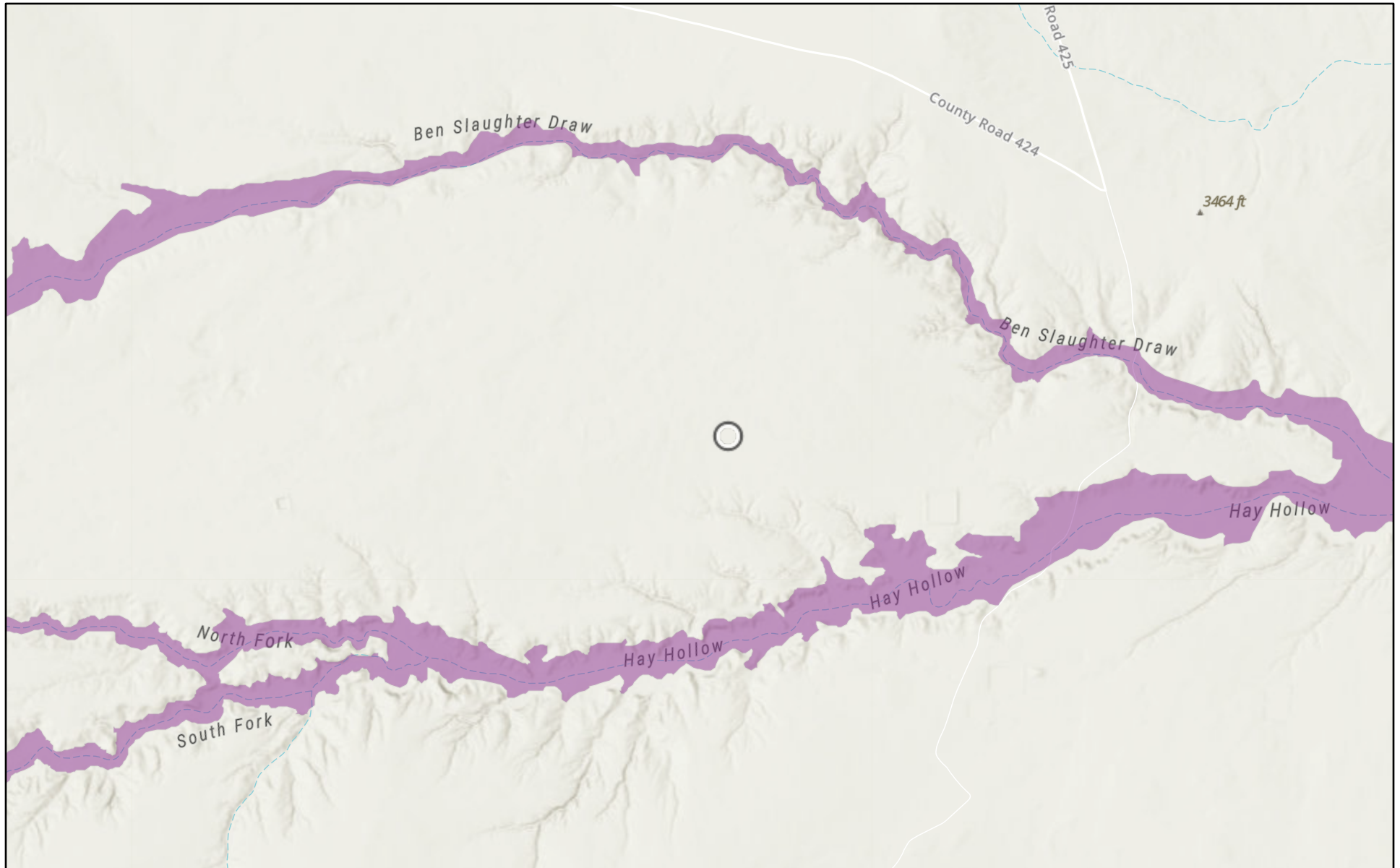
*UTM location was derived from PLSS - see Help

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.

5/13/24 8:48 AM

POINT OF DIVERSION SUMMARY

YELLOW FIN FEDERAL 002H (09.10.2025)

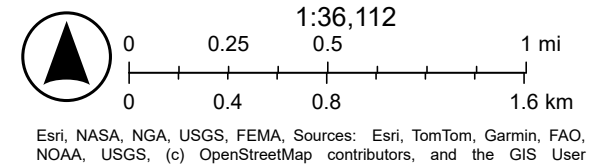


10/7/2025

USA Flood Hazard Areas

1% Annual Chance Flood Hazard

World_Hillshade

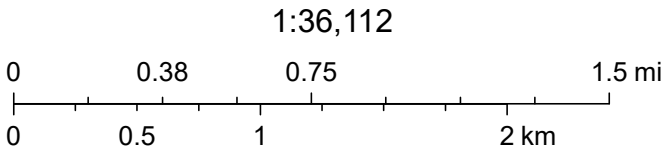


YELLOW FIN FEDERAL 002H (09.10.2025)



10/7/2025, 9:30:24 AM

- OSW Water Bodys
- OSE Streams



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

APPENDIX E

CARMONA RESOURCES





Environment Testing

- 1
- 2
- 3
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ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
Carmona Resources
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Midland, Texas 79701

Generated 10/21/2025 5:12:56 PM

JOB DESCRIPTION

Yellowfin 2H (09.10.25)
Eddy County NM

JOB NUMBER

880-63840-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization



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Authorized for release by
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Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Laboratory Job ID: 880-63840-1
SDG: Eddy County NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-63840-1
SDG: Eddy County NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Yellowfin 2H (09.10.25)

Job ID: 880-63840-1

Job ID: 880-63840-1

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Job Narrative
880-63840-1

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

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

Receipt

The samples were received on 10/14/2025 4:04 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -2.7°C.

GC VOA

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

Diesel Range Organics

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

HPLC/IC

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

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Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-63840-1
SDG: Eddy County NM

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

Lab Sample ID: 880-63840-1

Date Collected: 10/13/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/25 16:54	10/16/25 12:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 16:54	10/16/25 12:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 16:54	10/16/25 12:15	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/15/25 16:54	10/16/25 12:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/25 16:54	10/16/25 12:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/25 16:54	10/16/25 12:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	10/15/25 16:54	10/16/25 12:15	1
1,4-Difluorobenzene (Surr)	98		70 - 130	10/15/25 16:54	10/16/25 12:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/16/25 12:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/17/25 15:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/15/25 08:06	10/17/25 15:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/25 08:06	10/17/25 15:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/25 08:06	10/17/25 15:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130	10/15/25 08:06	10/17/25 15:28	1
o-Terphenyl (Surr)	113		70 - 130	10/15/25 08:06	10/17/25 15:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.7		9.96		mg/Kg			10/15/25 20:20	1

Client Sample ID: H-2 (0-1')

Lab Sample ID: 880-63840-2

Date Collected: 10/13/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/15/25 16:54	10/16/25 12:36	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/25 16:54	10/16/25 12:36	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/25 16:54	10/16/25 12:36	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/15/25 16:54	10/16/25 12:36	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/25 16:54	10/16/25 12:36	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/25 16:54	10/16/25 12:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	10/15/25 16:54	10/16/25 12:36	1
1,4-Difluorobenzene (Surr)	99		70 - 130	10/15/25 16:54	10/16/25 12:36	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-63840-1
SDG: Eddy County NM

Client Sample ID: H-2 (0-1')

Lab Sample ID: 880-63840-2

Date Collected: 10/13/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/16/25 12:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/17/25 15:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/25 08:06	10/17/25 15:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/25 08:06	10/17/25 15:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/25 08:06	10/17/25 15:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130				10/15/25 08:06	10/17/25 15:43	1
o-Terphenyl (Surr)	106		70 - 130				10/15/25 08:06	10/17/25 15:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		9.98		mg/Kg			10/15/25 20:25	1

Client Sample ID: H-3 (0-1')

Lab Sample ID: 880-63840-3

Date Collected: 10/13/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/15/25 16:54	10/16/25 12:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/25 16:54	10/16/25 12:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/25 16:54	10/16/25 12:56	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/15/25 16:54	10/16/25 12:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/25 16:54	10/16/25 12:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/25 16:54	10/16/25 12:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				10/15/25 16:54	10/16/25 12:56	1
1,4-Difluorobenzene (Surr)	100		70 - 130				10/15/25 16:54	10/16/25 12:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/16/25 12:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/17/25 15:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/25 08:06	10/17/25 15:58	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/25 08:06	10/17/25 15:58	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-63840-1
SDG: Eddy County NM

Client Sample ID: H-3 (0-1')

Lab Sample ID: 880-63840-3

Date Collected: 10/13/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/25 08:06	10/17/25 15:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130				10/15/25 08:06	10/17/25 15:58	1
o-Terphenyl (Surr)	106		70 - 130				10/15/25 08:06	10/17/25 15:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	93.5		10.0		mg/Kg			10/15/25 20:31	1

Client Sample ID: H-4 (0-1')

Lab Sample ID: 880-63840-4

Date Collected: 10/13/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/25 16:54	10/16/25 13:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 16:54	10/16/25 13:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 16:54	10/16/25 13:17	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/15/25 16:54	10/16/25 13:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/25 16:54	10/16/25 13:17	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/25 16:54	10/16/25 13:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				10/15/25 16:54	10/16/25 13:17	1
1,4-Difluorobenzene (Surr)	99		70 - 130				10/15/25 16:54	10/16/25 13:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/16/25 13:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/17/25 16:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/15/25 08:06	10/17/25 16:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/25 08:06	10/17/25 16:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/25 08:06	10/17/25 16:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				10/15/25 08:06	10/17/25 16:28	1
o-Terphenyl (Surr)	108		70 - 130				10/15/25 08:06	10/17/25 16:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	92.3		9.92		mg/Kg			10/15/25 20:46	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-63840-1
SDG: Eddy County NM

Client Sample ID: H-5 (0-1')

Lab Sample ID: 880-63840-5

Date Collected: 10/13/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/15/25 16:54	10/16/25 13:37	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/25 16:54	10/16/25 13:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/25 16:54	10/16/25 13:37	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/15/25 16:54	10/16/25 13:37	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/25 16:54	10/16/25 13:37	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/25 16:54	10/16/25 13:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	10/15/25 16:54	10/16/25 13:37	1
1,4-Difluorobenzene (Surr)	101		70 - 130	10/15/25 16:54	10/16/25 13:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/16/25 13:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/17/25 16:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/25 08:06	10/17/25 16:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/25 08:06	10/17/25 16:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/25 08:06	10/17/25 16:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130	10/15/25 08:06	10/17/25 16:44	1
o-Terphenyl (Surr)	101		70 - 130	10/15/25 08:06	10/17/25 16:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	65.3		9.90		mg/Kg			10/15/25 20:52	1

Client Sample ID: H-6 (0-1')

Lab Sample ID: 880-63840-6

Date Collected: 10/13/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/15/25 16:54	10/16/25 13:58	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/15/25 16:54	10/16/25 13:58	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/15/25 16:54	10/16/25 13:58	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		10/15/25 16:54	10/16/25 13:58	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/15/25 16:54	10/16/25 13:58	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/15/25 16:54	10/16/25 13:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	10/15/25 16:54	10/16/25 13:58	1
1,4-Difluorobenzene (Surr)	101		70 - 130	10/15/25 16:54	10/16/25 13:58	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-63840-1
SDG: Eddy County NM

Client Sample ID: H-6 (0-1')

Lab Sample ID: 880-63840-6

Date Collected: 10/13/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			10/16/25 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/17/25 16:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/15/25 08:06	10/17/25 16:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/25 08:06	10/17/25 16:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/25 08:06	10/17/25 16:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130				10/15/25 08:06	10/17/25 16:59	1
o-Terphenyl (Surr)	99		70 - 130				10/15/25 08:06	10/17/25 16:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.4		10.0		mg/Kg			10/15/25 21:07	1

Client Sample ID: H-7 (0-1')

Lab Sample ID: 880-63840-7

Date Collected: 10/13/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/15/25 16:54	10/16/25 14:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/25 16:54	10/16/25 14:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/25 16:54	10/16/25 14:18	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/15/25 16:54	10/16/25 14:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/25 16:54	10/16/25 14:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/25 16:54	10/16/25 14:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				10/15/25 16:54	10/16/25 14:18	1
1,4-Difluorobenzene (Surr)	102		70 - 130				10/15/25 16:54	10/16/25 14:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/16/25 14:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/17/25 17:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/25 08:06	10/17/25 17:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/25 08:06	10/17/25 17:14	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-63840-1
SDG: Eddy County NM

Client Sample ID: H-7 (0-1')

Lab Sample ID: 880-63840-7

Date Collected: 10/13/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/25 08:06	10/17/25 17:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130				10/15/25 08:06	10/17/25 17:14	1
o-Terphenyl (Surr)	114		70 - 130				10/15/25 08:06	10/17/25 17:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.7		10.1		mg/Kg			10/15/25 21:13	1

Client Sample ID: H-8 (0-1')

Lab Sample ID: 880-63840-8

Date Collected: 10/13/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/25 16:54	10/16/25 16:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 16:54	10/16/25 16:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 16:54	10/16/25 16:53	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/15/25 16:54	10/16/25 16:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/25 16:54	10/16/25 16:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/25 16:54	10/16/25 16:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				10/15/25 16:54	10/16/25 16:53	1
1,4-Difluorobenzene (Surr)	99		70 - 130				10/15/25 16:54	10/16/25 16:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/16/25 16:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/17/25 17:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/25 08:06	10/17/25 17:29	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/25 08:06	10/17/25 17:29	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/25 08:06	10/17/25 17:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130				10/15/25 08:06	10/17/25 17:29	1
o-Terphenyl (Surr)	103		70 - 130				10/15/25 08:06	10/17/25 17:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	128		10.1		mg/Kg			10/15/25 21:18	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-63840-1
SDG: Eddy County NM

Client Sample ID: H-9 (0-1')

Lab Sample ID: 880-63840-9

Date Collected: 10/13/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/15/25 16:54	10/16/25 17:14	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/25 16:54	10/16/25 17:14	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/25 16:54	10/16/25 17:14	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/15/25 16:54	10/16/25 17:14	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/25 16:54	10/16/25 17:14	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/25 16:54	10/16/25 17:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	10/15/25 16:54	10/16/25 17:14	1
1,4-Difluorobenzene (Surr)	98		70 - 130	10/15/25 16:54	10/16/25 17:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/16/25 17:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/17/25 17:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/15/25 08:06	10/17/25 17:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/25 08:06	10/17/25 17:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/25 08:06	10/17/25 17:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130	10/15/25 08:06	10/17/25 17:44	1
o-Terphenyl (Surr)	115		70 - 130	10/15/25 08:06	10/17/25 17:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	113		9.94		mg/Kg			10/15/25 21:23	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-63840-1
SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	BFB1	DFBZ1				
		(70-130)	(70-130)				
880-63840-1	H-1 (0-1')	106	98				
880-63840-1 MS	H-1 (0-1')	97	106				
880-63840-1 MSD	H-1 (0-1')	101	105				
880-63840-2	H-2 (0-1')	104	99				
880-63840-3	H-3 (0-1')	105	100				
880-63840-4	H-4 (0-1')	104	99				
880-63840-5	H-5 (0-1')	109	101				
880-63840-6	H-6 (0-1')	108	101				
880-63840-7	H-7 (0-1')	109	102				
880-63840-8	H-8 (0-1')	104	99				
880-63840-9	H-9 (0-1')	104	98				
LCS 880-121294/1-A	Lab Control Sample	98	100				
LCSD 880-121294/2-A	Lab Control Sample Dup	103	107				
MB 880-121294/5-A	Method Blank	110	96				
Surrogate Legend							
BFB = 4-Bromofluorobenzene (Surr)							
DFBZ = 1,4-Difluorobenzene (Surr)							

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	1CO1	OTPH1				
		(70-130)	(70-130)				
880-63839-A-32-D MS	Matrix Spike	98	110				
880-63839-A-32-E MSD	Matrix Spike Duplicate	109	129				
880-63840-1	H-1 (0-1')	105	113				
880-63840-2	H-2 (0-1')	103	106				
880-63840-3	H-3 (0-1')	102	106				
880-63840-4	H-4 (0-1')	101	108				
880-63840-5	H-5 (0-1')	96	101				
880-63840-6	H-6 (0-1')	95	99				
880-63840-7	H-7 (0-1')	107	114				
880-63840-8	H-8 (0-1')	98	103				
880-63840-9	H-9 (0-1')	105	115				
LCS 880-121209/2-A	Lab Control Sample	110	129				
LCSD 880-121209/3-A	Lab Control Sample Dup	108	123				
MB 880-121209/1-A	Method Blank	81	87				
Surrogate Legend							
1CO = 1-Chlorooctane (Surr)							
OTPH = o-Terphenyl (Surr)							

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QC Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-63840-1
SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-121294/5-A

Matrix: Solid

Analysis Batch: 121338

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 121294

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/25 16:54	10/16/25 11:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 16:54	10/16/25 11:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 16:54	10/16/25 11:54	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/15/25 16:54	10/16/25 11:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/25 16:54	10/16/25 11:54	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/25 16:54	10/16/25 11:54	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	10/15/25 16:54	10/16/25 11:54	1
1,4-Difluorobenzene (Surr)	96		70 - 130	10/15/25 16:54	10/16/25 11:54	1

Lab Sample ID: LCS 880-121294/1-A

Matrix: Solid

Analysis Batch: 121338

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 121294

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1002		mg/Kg		100	70 - 130
Toluene	0.100	0.08957		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.09026		mg/Kg		90	70 - 130
m,p-Xylenes	0.200	0.1858		mg/Kg		93	70 - 130
o-Xylene	0.100	0.09075		mg/Kg		91	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-121294/2-A

Matrix: Solid

Analysis Batch: 121338

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 121294

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1139		mg/Kg		114	70 - 130	13	35
Toluene	0.100	0.09699		mg/Kg		97	70 - 130	8	35
Ethylbenzene	0.100	0.09777		mg/Kg		98	70 - 130	8	35
m,p-Xylenes	0.200	0.2012		mg/Kg		101	70 - 130	8	35
o-Xylene	0.100	0.09737		mg/Kg		97	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-63840-1 MS

Matrix: Solid

Analysis Batch: 121338

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

Prep Type: Total/NA

Prep Batch: 121294

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1202		mg/Kg		120	70 - 130
Toluene	<0.00200	U	0.100	0.1048		mg/Kg		105	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-63840-1
SDG: Eddy County NM

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

Lab Sample ID: 880-63840-1 MS

Matrix: Solid

Analysis Batch: 121338

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

Prep Type: Total/NA

Prep Batch: 121294

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.1051		mg/Kg		105	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.2150		mg/Kg		108	70 - 130
o-Xylene	<0.00200	U	0.100	0.1046		mg/Kg		105	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-63840-1 MSD

Matrix: Solid

Analysis Batch: 121338

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

Prep Type: Total/NA

Prep Batch: 121294

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1158		mg/Kg		116	70 - 130	4	35
Toluene	<0.00200	U	0.100	0.09924		mg/Kg		99	70 - 130	5	35
Ethylbenzene	<0.00200	U	0.100	0.09952		mg/Kg		100	70 - 130	5	35
m,p-Xylenes	<0.00399	U	0.200	0.2048		mg/Kg		102	70 - 130	5	35
o-Xylene	<0.00200	U	0.100	0.09907		mg/Kg		99	70 - 130	5	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

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

Lab Sample ID: MB 880-121209/1-A

Matrix: Solid

Analysis Batch: 121455

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 121209

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/25 08:06	10/17/25 09:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/25 08:06	10/17/25 09:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/25 08:06	10/17/25 09:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	81		70 - 130	10/15/25 08:06	10/17/25 09:55	1
o-Terphenyl (Surr)	87		70 - 130	10/15/25 08:06	10/17/25 09:55	1

Lab Sample ID: LCS 880-121209/2-A

Matrix: Solid

Analysis Batch: 121455

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 121209

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	924.6		mg/Kg		92	70 - 130
Diesel Range Organics (Over C10-C28)	1000	932.6		mg/Kg		93	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-63840-1
SDG: Eddy County NM

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

Lab Sample ID: LCS 880-121209/2-A

Matrix: Solid

Analysis Batch: 121455

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 121209

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	110		70 - 130
o-Terphenyl (Surr)	129		70 - 130

Lab Sample ID: LCSD 880-121209/3-A

Matrix: Solid

Analysis Batch: 121455

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 121209

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	920.1		mg/Kg		92	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	893.5		mg/Kg		89	70 - 130	4	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	108		70 - 130
o-Terphenyl (Surr)	123		70 - 130

Lab Sample ID: 880-63839-A-32-D MS

Matrix: Solid

Analysis Batch: 121455

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 121209

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	806.3		mg/Kg		81	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	769.7		mg/Kg		75	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	98		70 - 130
o-Terphenyl (Surr)	110		70 - 130

Lab Sample ID: 880-63839-A-32-E MSD

Matrix: Solid

Analysis Batch: 121455

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 121209

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	896.5		mg/Kg		90	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	912.3		mg/Kg		89	70 - 130	17	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	109		70 - 130
o-Terphenyl (Surr)	129		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-63840-1
SDG: Eddy County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-121205/1-A

Matrix: Solid

Analysis Batch: 121273

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			10/15/25 19:01	1

Lab Sample ID: LCS 880-121205/2-A

Matrix: Solid

Analysis Batch: 121273

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	263.4		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-121205/3-A

Matrix: Solid

Analysis Batch: 121273

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	265.2		mg/Kg		106	90 - 110	1	20

Lab Sample ID: 880-63840-3 MS

Matrix: Solid

Analysis Batch: 121273

Client Sample ID: H-3 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	93.5		250	338.7		mg/Kg		98	90 - 110

Lab Sample ID: 880-63840-3 MSD

Matrix: Solid

Analysis Batch: 121273

Client Sample ID: H-3 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	93.5		250	338.9		mg/Kg		98	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-63840-1
SDG: Eddy County NM

GC VOA

Prep Batch: 121294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63840-1	H-1 (0-1')	Total/NA	Solid	5035	
880-63840-2	H-2 (0-1')	Total/NA	Solid	5035	
880-63840-3	H-3 (0-1')	Total/NA	Solid	5035	
880-63840-4	H-4 (0-1')	Total/NA	Solid	5035	
880-63840-5	H-5 (0-1')	Total/NA	Solid	5035	
880-63840-6	H-6 (0-1')	Total/NA	Solid	5035	
880-63840-7	H-7 (0-1')	Total/NA	Solid	5035	
880-63840-8	H-8 (0-1')	Total/NA	Solid	5035	
880-63840-9	H-9 (0-1')	Total/NA	Solid	5035	
MB 880-121294/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-121294/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-121294/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-63840-1 MS	H-1 (0-1')	Total/NA	Solid	5035	
880-63840-1 MSD	H-1 (0-1')	Total/NA	Solid	5035	

Analysis Batch: 121338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63840-1	H-1 (0-1')	Total/NA	Solid	8021B	121294
880-63840-2	H-2 (0-1')	Total/NA	Solid	8021B	121294
880-63840-3	H-3 (0-1')	Total/NA	Solid	8021B	121294
880-63840-4	H-4 (0-1')	Total/NA	Solid	8021B	121294
880-63840-5	H-5 (0-1')	Total/NA	Solid	8021B	121294
880-63840-6	H-6 (0-1')	Total/NA	Solid	8021B	121294
880-63840-7	H-7 (0-1')	Total/NA	Solid	8021B	121294
880-63840-8	H-8 (0-1')	Total/NA	Solid	8021B	121294
880-63840-9	H-9 (0-1')	Total/NA	Solid	8021B	121294
MB 880-121294/5-A	Method Blank	Total/NA	Solid	8021B	121294
LCS 880-121294/1-A	Lab Control Sample	Total/NA	Solid	8021B	121294
LCSD 880-121294/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	121294
880-63840-1 MS	H-1 (0-1')	Total/NA	Solid	8021B	121294
880-63840-1 MSD	H-1 (0-1')	Total/NA	Solid	8021B	121294

Analysis Batch: 121403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63840-1	H-1 (0-1')	Total/NA	Solid	Total BTEX	
880-63840-2	H-2 (0-1')	Total/NA	Solid	Total BTEX	
880-63840-3	H-3 (0-1')	Total/NA	Solid	Total BTEX	
880-63840-4	H-4 (0-1')	Total/NA	Solid	Total BTEX	
880-63840-5	H-5 (0-1')	Total/NA	Solid	Total BTEX	
880-63840-6	H-6 (0-1')	Total/NA	Solid	Total BTEX	
880-63840-7	H-7 (0-1')	Total/NA	Solid	Total BTEX	
880-63840-8	H-8 (0-1')	Total/NA	Solid	Total BTEX	
880-63840-9	H-9 (0-1')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 121209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63840-1	H-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-63840-2	H-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-63840-3	H-3 (0-1')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-63840-1
SDG: Eddy County NM

GC Semi VOA (Continued)

Prep Batch: 121209 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63840-4	H-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-63840-5	H-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-63840-6	H-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-63840-7	H-7 (0-1')	Total/NA	Solid	8015NM Prep	
880-63840-8	H-8 (0-1')	Total/NA	Solid	8015NM Prep	
880-63840-9	H-9 (0-1')	Total/NA	Solid	8015NM Prep	
MB 880-121209/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-121209/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-121209/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-63839-A-32-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-63839-A-32-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 121455

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63840-1	H-1 (0-1')	Total/NA	Solid	8015B NM	121209
880-63840-2	H-2 (0-1')	Total/NA	Solid	8015B NM	121209
880-63840-3	H-3 (0-1')	Total/NA	Solid	8015B NM	121209
880-63840-4	H-4 (0-1')	Total/NA	Solid	8015B NM	121209
880-63840-5	H-5 (0-1')	Total/NA	Solid	8015B NM	121209
880-63840-6	H-6 (0-1')	Total/NA	Solid	8015B NM	121209
880-63840-7	H-7 (0-1')	Total/NA	Solid	8015B NM	121209
880-63840-8	H-8 (0-1')	Total/NA	Solid	8015B NM	121209
880-63840-9	H-9 (0-1')	Total/NA	Solid	8015B NM	121209
MB 880-121209/1-A	Method Blank	Total/NA	Solid	8015B NM	121209
LCS 880-121209/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	121209
LCSD 880-121209/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	121209
880-63839-A-32-D MS	Matrix Spike	Total/NA	Solid	8015B NM	121209
880-63839-A-32-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	121209

Analysis Batch: 121722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63840-1	H-1 (0-1')	Total/NA	Solid	8015 NM	
880-63840-2	H-2 (0-1')	Total/NA	Solid	8015 NM	
880-63840-3	H-3 (0-1')	Total/NA	Solid	8015 NM	
880-63840-4	H-4 (0-1')	Total/NA	Solid	8015 NM	
880-63840-5	H-5 (0-1')	Total/NA	Solid	8015 NM	
880-63840-6	H-6 (0-1')	Total/NA	Solid	8015 NM	
880-63840-7	H-7 (0-1')	Total/NA	Solid	8015 NM	
880-63840-8	H-8 (0-1')	Total/NA	Solid	8015 NM	
880-63840-9	H-9 (0-1')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 121205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63840-1	H-1 (0-1')	Soluble	Solid	DI Leach	
880-63840-2	H-2 (0-1')	Soluble	Solid	DI Leach	
880-63840-3	H-3 (0-1')	Soluble	Solid	DI Leach	
880-63840-4	H-4 (0-1')	Soluble	Solid	DI Leach	
880-63840-5	H-5 (0-1')	Soluble	Solid	DI Leach	
880-63840-6	H-6 (0-1')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-63840-1
SDG: Eddy County NM

HPLC/IC (Continued)

Leach Batch: 121205 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63840-7	H-7 (0-1')	Soluble	Solid	DI Leach	
880-63840-8	H-8 (0-1')	Soluble	Solid	DI Leach	
880-63840-9	H-9 (0-1')	Soluble	Solid	DI Leach	
MB 880-121205/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-121205/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-121205/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-63840-3 MS	H-3 (0-1')	Soluble	Solid	DI Leach	
880-63840-3 MSD	H-3 (0-1')	Soluble	Solid	DI Leach	

Analysis Batch: 121273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63840-1	H-1 (0-1')	Soluble	Solid	300.0	121205
880-63840-2	H-2 (0-1')	Soluble	Solid	300.0	121205
880-63840-3	H-3 (0-1')	Soluble	Solid	300.0	121205
880-63840-4	H-4 (0-1')	Soluble	Solid	300.0	121205
880-63840-5	H-5 (0-1')	Soluble	Solid	300.0	121205
880-63840-6	H-6 (0-1')	Soluble	Solid	300.0	121205
880-63840-7	H-7 (0-1')	Soluble	Solid	300.0	121205
880-63840-8	H-8 (0-1')	Soluble	Solid	300.0	121205
880-63840-9	H-9 (0-1')	Soluble	Solid	300.0	121205
MB 880-121205/1-A	Method Blank	Soluble	Solid	300.0	121205
LCS 880-121205/2-A	Lab Control Sample	Soluble	Solid	300.0	121205
LCSD 880-121205/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	121205
880-63840-3 MS	H-3 (0-1')	Soluble	Solid	300.0	121205
880-63840-3 MSD	H-3 (0-1')	Soluble	Solid	300.0	121205

Lab Chronicle

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-63840-1
SDG: Eddy County NM

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

Lab Sample ID: 880-63840-1

Date Collected: 10/13/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	121294	10/15/25 16:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121338	10/16/25 12:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121403	10/16/25 12:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			121722	10/17/25 15:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121209	10/15/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121455	10/17/25 15:28	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121205	10/14/25 17:09	SA	EET MID
Soluble	Analysis	300.0		1			121273	10/15/25 20:20	CS	EET MID

Client Sample ID: H-2 (0-1')

Lab Sample ID: 880-63840-2

Date Collected: 10/13/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	121294	10/15/25 16:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121338	10/16/25 12:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121403	10/16/25 12:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			121722	10/17/25 15:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121209	10/15/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121455	10/17/25 15:43	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	121205	10/14/25 17:09	SA	EET MID
Soluble	Analysis	300.0		1			121273	10/15/25 20:25	CS	EET MID

Client Sample ID: H-3 (0-1')

Lab Sample ID: 880-63840-3

Date Collected: 10/13/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	121294	10/15/25 16:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121338	10/16/25 12:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121403	10/16/25 12:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			121722	10/17/25 15:58	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121209	10/15/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121455	10/17/25 15:58	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	121205	10/14/25 17:09	SA	EET MID
Soluble	Analysis	300.0		1			121273	10/15/25 20:31	CS	EET MID

Client Sample ID: H-4 (0-1')

Lab Sample ID: 880-63840-4

Date Collected: 10/13/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	121294	10/15/25 16:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121338	10/16/25 13:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121403	10/16/25 13:17	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-63840-1
SDG: Eddy County NM

Client Sample ID: H-4 (0-1')

Lab Sample ID: 880-63840-4

Date Collected: 10/13/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			121722	10/17/25 16:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121209	10/15/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121455	10/17/25 16:28	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121205	10/14/25 17:09	SA	EET MID
Soluble	Analysis	300.0		1			121273	10/15/25 20:46	CS	EET MID

Client Sample ID: H-5 (0-1')

Lab Sample ID: 880-63840-5

Date Collected: 10/13/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	121294	10/15/25 16:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121338	10/16/25 13:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121403	10/16/25 13:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			121722	10/17/25 16:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121209	10/15/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121455	10/17/25 16:44	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	121205	10/14/25 17:09	SA	EET MID
Soluble	Analysis	300.0		1			121273	10/15/25 20:52	CS	EET MID

Client Sample ID: H-6 (0-1')

Lab Sample ID: 880-63840-6

Date Collected: 10/13/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	121294	10/15/25 16:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121338	10/16/25 13:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121403	10/16/25 13:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			121722	10/17/25 16:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121209	10/15/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121455	10/17/25 16:59	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	121205	10/14/25 17:09	SA	EET MID
Soluble	Analysis	300.0		1			121273	10/15/25 21:07	CS	EET MID

Client Sample ID: H-7 (0-1')

Lab Sample ID: 880-63840-7

Date Collected: 10/13/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	121294	10/15/25 16:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121338	10/16/25 14:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121403	10/16/25 14:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			121722	10/17/25 17:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121209	10/15/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121455	10/17/25 17:14	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-63840-1
SDG: Eddy County NM

Client Sample ID: H-7 (0-1')

Lab Sample ID: 880-63840-7

Date Collected: 10/13/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	121205	10/14/25 17:09	SA	EET MID
Soluble	Analysis	300.0		1			121273	10/15/25 21:13	CS	EET MID

Client Sample ID: H-8 (0-1')

Lab Sample ID: 880-63840-8

Date Collected: 10/13/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	121294	10/15/25 16:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121338	10/16/25 16:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121403	10/16/25 16:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			121722	10/17/25 17:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121209	10/15/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121455	10/17/25 17:29	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	121205	10/14/25 17:09	SA	EET MID
Soluble	Analysis	300.0		1			121273	10/15/25 21:18	CS	EET MID

Client Sample ID: H-9 (0-1')

Lab Sample ID: 880-63840-9

Date Collected: 10/13/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	121294	10/15/25 16:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121338	10/16/25 17:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121403	10/16/25 17:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			121722	10/17/25 17:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121209	10/15/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121455	10/17/25 17:44	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121205	10/14/25 17:09	SA	EET MID
Soluble	Analysis	300.0		1			121273	10/15/25 21:23	CS	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-63840-1
SDG: Eddy County NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-63840-1
SDG: Eddy County NM

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

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-63840-1
SDG: Eddy County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-63840-1	H-1 (0-1')	Solid	10/13/25 00:00	10/14/25 16:04	New Mexico
880-63840-2	H-2 (0-1')	Solid	10/13/25 00:00	10/14/25 16:04	New Mexico
880-63840-3	H-3 (0-1')	Solid	10/13/25 00:00	10/14/25 16:04	New Mexico
880-63840-4	H-4 (0-1')	Solid	10/13/25 00:00	10/14/25 16:04	New Mexico
880-63840-5	H-5 (0-1')	Solid	10/13/25 00:00	10/14/25 16:04	New Mexico
880-63840-6	H-6 (0-1')	Solid	10/13/25 00:00	10/14/25 16:04	New Mexico
880-63840-7	H-7 (0-1')	Solid	10/13/25 00:00	10/14/25 16:04	New Mexico
880-63840-8	H-8 (0-1')	Solid	10/13/25 00:00	10/14/25 16:04	New Mexico
880-63840-9	H-9 (0-1')	Solid	10/13/25 00:00	10/14/25 16:04	New Mexico

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-63840-1

SDG Number: Eddy County NM

Login Number: 63840

List Number: 1

Creator: Kramer, Jessica

List Source: Eurofins Midland

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 11/24/2025 5:29:13 PM

JOB DESCRIPTION

Yellowfin 2H (09.10.25)
Eddy County, New Mexico

JOB NUMBER

880-65030-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization



Generated
11/24/2025 5:29:13 PM

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

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Laboratory Job ID: 880-65030-1
SDG: Eddy County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1

Job ID: 880-65030-1

Eurofins Midland

Job Narrative 880-65030-1

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

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

Receipt

The samples were received on 11/14/2025 4:55 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -0.9°C.

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: T-4 (4') (880-65030-22) and T-6 (0-1') (880-65030-29). Evidence of matrix interference due to high target analytes is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-124315 and analytical batch 880-124616 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: T-7 (6') (880-65030-41), T-8 (0-1') (880-65030-42), T-8 (1.5') (880-65030-43), T-8 (2') (880-65030-44), T-8 (3') (880-65030-45), T-8 (4') (880-65030-46), T-8 (5') (880-65030-47), T-8 (6') (880-65030-48), T-8 (7') (880-65030-49), T-8 (8') (880-65030-50), T-8 (9') (880-65030-51), T-9 (0-1') (880-65030-52), T-9 (1.5') (880-65030-53), T-9 (2') (880-65030-54), T-9 (3') (880-65030-55), T-9 (4') (880-65030-56), T-9 (5') (880-65030-57), T-9 (6') (880-65030-58), T-9 (7') (880-65030-59), T-9 (8') (880-65030-60), (CCV 880-124613/2), (CCV 880-124613/20), (CCV 880-124613/33), (LCS 880-124321/1-A), (LCSD 880-124321/2-A), (880-65030-A-41-C MS) and (880-65030-A-41-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-124321 and analytical batch 880-124613 was outside the upper control limits.

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

Diesel Range Organics

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-124128 and analytical batch 880-124379 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-124379 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is:(CCV 880-124379/47).

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-9 (6') (880-65030-58), (880-65030-A-58-B MS) and (880-65030-A-58-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-124128/2-A) and (LCSD 880-124128/3-A). Evidence of matrix interferences is not obvious.

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Case Narrative

Client: Carmona Resources
Project: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1

Job ID: 880-65030-1 (Continued)

Eurofins Midland

Method 8015MOD_NM: Surrogate recovery for the following samples were outside the upper control limit: T-7 (6') (880-65030-41) and T-8 (8') (880-65030-50). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-124127/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: CCV was biased low for gasoline range hydrocarbons. The bracketing continuing calibration verifications were acceptable within a 12 hour period; therefore, the data was qualified and reported.

(CCV 880-124650/82)

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-124126 and analytical batch 880-124650 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-124126/2-A) and (LCSD 880-124126/3-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-124221 and analytical batch 880-124234 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-124220 and analytical batch 880-124235 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-65030-1

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:39	11/21/25 15:49	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		11/18/25 11:39	11/21/25 15:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:39	11/21/25 15:49	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		11/18/25 11:39	11/21/25 15:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:39	11/21/25 15:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/18/25 11:39	11/21/25 15:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				11/18/25 11:39	11/21/25 15:49	1
1,4-Difluorobenzene (Surr)	102		70 - 130				11/18/25 11:39	11/21/25 15:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/21/25 15:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/21/25 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/15/25 11:19	11/21/25 22:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/15/25 11:19	11/21/25 22:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/15/25 11:19	11/21/25 22:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	84		70 - 130				11/15/25 11:19	11/21/25 22:10	1
o-Terphenyl (Surr)	98		70 - 130				11/15/25 11:19	11/21/25 22:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3420		99.2		mg/Kg			11/18/25 04:59	10

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-65030-2

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:39	11/21/25 16:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:39	11/21/25 16:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:39	11/21/25 16:10	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		11/18/25 11:39	11/21/25 16:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:39	11/21/25 16:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/18/25 11:39	11/21/25 16:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				11/18/25 11:39	11/21/25 16:10	1
1,4-Difluorobenzene (Surr)	102		70 - 130				11/18/25 11:39	11/21/25 16:10	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-65030-2

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/21/25 16:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/21/25 22:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/15/25 11:19	11/21/25 22:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/15/25 11:19	11/21/25 22:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/15/25 11:19	11/21/25 22:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130				11/15/25 11:19	11/21/25 22:29	1
o-Terphenyl (Surr)	92		70 - 130				11/15/25 11:19	11/21/25 22:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	631		99.8		mg/Kg			11/18/25 05:05	10

Client Sample ID: T-1 (2')

Lab Sample ID: 880-65030-3

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:39	11/21/25 16:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:39	11/21/25 16:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:39	11/21/25 16:30	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		11/18/25 11:39	11/21/25 16:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:39	11/21/25 16:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/18/25 11:39	11/21/25 16:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				11/18/25 11:39	11/21/25 16:30	1
1,4-Difluorobenzene (Surr)	104		70 - 130				11/18/25 11:39	11/21/25 16:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/21/25 16:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/21/25 22:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/15/25 11:19	11/21/25 22:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/15/25 11:19	11/21/25 22:49	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-1 (2')

Lab Sample ID: 880-65030-3

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/15/25 11:19	11/21/25 22:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	72		70 - 130				11/15/25 11:19	11/21/25 22:49	1
o-Terphenyl (Surr)	98		70 - 130				11/15/25 11:19	11/21/25 22:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2860		99.6		mg/Kg			11/18/25 05:20	10

Client Sample ID: T-1 (3')

Lab Sample ID: 880-65030-4

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:39	11/21/25 16:50	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:39	11/21/25 16:50	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:39	11/21/25 16:50	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		11/18/25 11:39	11/21/25 16:50	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:39	11/21/25 16:50	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/18/25 11:39	11/21/25 16:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				11/18/25 11:39	11/21/25 16:50	1
1,4-Difluorobenzene (Surr)	101		70 - 130				11/18/25 11:39	11/21/25 16:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			11/21/25 16:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/21/25 23:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		11/15/25 11:19	11/21/25 23:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/15/25 11:19	11/21/25 23:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/15/25 11:19	11/21/25 23:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	80		70 - 130				11/15/25 11:19	11/21/25 23:09	1
o-Terphenyl (Surr)	94		70 - 130				11/15/25 11:19	11/21/25 23:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4130		198		mg/Kg			11/18/25 05:26	20

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Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-1 (4')

Lab Sample ID: 880-65030-5

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		11/18/25 11:39	11/21/25 17:11	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/18/25 11:39	11/21/25 17:11	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/18/25 11:39	11/21/25 17:11	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		11/18/25 11:39	11/21/25 17:11	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/18/25 11:39	11/21/25 17:11	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		11/18/25 11:39	11/21/25 17:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	11/18/25 11:39	11/21/25 17:11	1
1,4-Difluorobenzene (Surr)	91		70 - 130	11/18/25 11:39	11/21/25 17:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			11/21/25 17:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/21/25 23:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/15/25 11:19	11/21/25 23:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/15/25 11:19	11/21/25 23:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/15/25 11:19	11/21/25 23:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	94		70 - 130	11/15/25 11:19	11/21/25 23:28	1
o-Terphenyl (Surr)	98		70 - 130	11/15/25 11:19	11/21/25 23:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.9		10.0		mg/Kg			11/18/25 05:31	1

Client Sample ID: T-1 (5')

Lab Sample ID: 880-65030-6

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		11/18/25 11:39	11/21/25 17:31	1
Toluene	0.00245		0.00202		mg/Kg		11/18/25 11:39	11/21/25 17:31	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/18/25 11:39	11/21/25 17:31	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		11/18/25 11:39	11/21/25 17:31	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/18/25 11:39	11/21/25 17:31	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		11/18/25 11:39	11/21/25 17:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	11/18/25 11:39	11/21/25 17:31	1
1,4-Difluorobenzene (Surr)	90		70 - 130	11/18/25 11:39	11/21/25 17:31	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-1 (5')

Lab Sample ID: 880-65030-6

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			11/21/25 17:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/21/25 23:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/15/25 11:19	11/21/25 23:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/15/25 11:19	11/21/25 23:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/15/25 11:19	11/21/25 23:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130				11/15/25 11:19	11/21/25 23:47	1
o-Terphenyl (Surr)	89		70 - 130				11/15/25 11:19	11/21/25 23:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	239		101		mg/Kg			11/18/25 05:36	10

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

Lab Sample ID: 880-65030-7

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:39	11/21/25 17:52	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:39	11/21/25 17:52	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:39	11/21/25 17:52	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		11/18/25 11:39	11/21/25 17:52	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:39	11/21/25 17:52	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/18/25 11:39	11/21/25 17:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				11/18/25 11:39	11/21/25 17:52	1
1,4-Difluorobenzene (Surr)	100		70 - 130				11/18/25 11:39	11/21/25 17:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			11/21/25 17:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/22/25 00:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/15/25 11:19	11/22/25 00:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/15/25 11:19	11/22/25 00:07	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-65030-7

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/15/25 11:19	11/22/25 00:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	82		70 - 130				11/15/25 11:19	11/22/25 00:07	1
o-Terphenyl (Surr)	100		70 - 130				11/15/25 11:19	11/22/25 00:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2000		99.4		mg/Kg			11/18/25 05:41	10

Client Sample ID: T-2 (1.5')

Lab Sample ID: 880-65030-8

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:39	11/21/25 18:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:39	11/21/25 18:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:39	11/21/25 18:13	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		11/18/25 11:39	11/21/25 18:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:39	11/21/25 18:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/18/25 11:39	11/21/25 18:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				11/18/25 11:39	11/21/25 18:13	1
1,4-Difluorobenzene (Surr)	97		70 - 130				11/18/25 11:39	11/21/25 18:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/21/25 18:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/22/25 00:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/15/25 11:19	11/22/25 00:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/15/25 11:19	11/22/25 00:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/15/25 11:19	11/22/25 00:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	82		70 - 130				11/15/25 11:19	11/22/25 00:45	1
o-Terphenyl (Surr)	99		70 - 130				11/15/25 11:19	11/22/25 00:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2500		198		mg/Kg			11/18/25 05:47	20

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Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-2 (2')

Lab Sample ID: 880-65030-9

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:39	11/21/25 18:33	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:39	11/21/25 18:33	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:39	11/21/25 18:33	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		11/18/25 11:39	11/21/25 18:33	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:39	11/21/25 18:33	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/18/25 11:39	11/21/25 18:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	11/18/25 11:39	11/21/25 18:33	1
1,4-Difluorobenzene (Surr)	96		70 - 130	11/18/25 11:39	11/21/25 18:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/21/25 18:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			11/22/25 01:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		11/15/25 11:19	11/22/25 01:05	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		11/15/25 11:19	11/22/25 01:05	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		11/15/25 11:19	11/22/25 01:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	84		70 - 130	11/15/25 11:19	11/22/25 01:05	1
o-Terphenyl (Surr)	96		70 - 130	11/15/25 11:19	11/22/25 01:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3930		200		mg/Kg			11/18/25 05:52	20

Client Sample ID: T-2 (3')

Lab Sample ID: 880-65030-10

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:39	11/21/25 18:54	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:39	11/21/25 18:54	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:39	11/21/25 18:54	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		11/18/25 11:39	11/21/25 18:54	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:39	11/21/25 18:54	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/18/25 11:39	11/21/25 18:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	11/18/25 11:39	11/21/25 18:54	1
1,4-Difluorobenzene (Surr)	103		70 - 130	11/18/25 11:39	11/21/25 18:54	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-2 (3')

Lab Sample ID: 880-65030-10

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/21/25 18:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/22/25 01:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		11/15/25 11:19	11/22/25 01:25	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/15/25 11:19	11/22/25 01:25	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/15/25 11:19	11/22/25 01:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				11/15/25 11:19	11/22/25 01:25	1
o-Terphenyl (Surr)	99		70 - 130				11/15/25 11:19	11/22/25 01:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2570	F1	101		mg/Kg			11/18/25 00:15	10

Client Sample ID: T-2 (4')

Lab Sample ID: 880-65030-11

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:39	11/21/25 20:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:39	11/21/25 20:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:39	11/21/25 20:27	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		11/18/25 11:39	11/21/25 20:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:39	11/21/25 20:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/18/25 11:39	11/21/25 20:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				11/18/25 11:39	11/21/25 20:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				11/18/25 11:39	11/21/25 20:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/21/25 20:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			11/22/25 01:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		11/15/25 11:19	11/22/25 01:43	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		11/15/25 11:19	11/22/25 01:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-2 (4')

Lab Sample ID: 880-65030-11

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		11/15/25 11:19	11/22/25 01:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130				11/15/25 11:19	11/22/25 01:43	1
o-Terphenyl (Surr)	91		70 - 130				11/15/25 11:19	11/22/25 01:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.7		10.0		mg/Kg			11/18/25 09:39	1

Client Sample ID: T-2 (5')

Lab Sample ID: 880-65030-12

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:39	11/21/25 20:48	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:39	11/21/25 20:48	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:39	11/21/25 20:48	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		11/18/25 11:39	11/21/25 20:48	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:39	11/21/25 20:48	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/18/25 11:39	11/21/25 20:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				11/18/25 11:39	11/21/25 20:48	1
1,4-Difluorobenzene (Surr)	96		70 - 130				11/18/25 11:39	11/21/25 20:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			11/21/25 20:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/22/25 02:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/15/25 11:19	11/22/25 02:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/15/25 11:19	11/22/25 02:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/15/25 11:19	11/22/25 02:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130				11/15/25 11:19	11/22/25 02:02	1
o-Terphenyl (Surr)	97		70 - 130				11/15/25 11:19	11/22/25 02:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			11/18/25 00:39	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-65030-13

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:39	11/21/25 21:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:39	11/21/25 21:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:39	11/21/25 21:08	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		11/18/25 11:39	11/21/25 21:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:39	11/21/25 21:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/18/25 11:39	11/21/25 21:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	11/18/25 11:39	11/21/25 21:08	1
1,4-Difluorobenzene (Surr)	93		70 - 130	11/18/25 11:39	11/21/25 21:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			11/21/25 21:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			11/22/25 02:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		11/15/25 11:19	11/22/25 02:23	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		11/15/25 11:19	11/22/25 02:23	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		11/15/25 11:19	11/22/25 02:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130	11/15/25 11:19	11/22/25 02:23	1
o-Terphenyl (Surr)	100		70 - 130	11/15/25 11:19	11/22/25 02:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3190		200		mg/Kg			11/18/25 00:45	20

Client Sample ID: T-3 (1.5')

Lab Sample ID: 880-65030-14

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:39	11/21/25 21:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:39	11/21/25 21:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:39	11/21/25 21:29	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		11/18/25 11:39	11/21/25 21:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:39	11/21/25 21:29	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/18/25 11:39	11/21/25 21:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	11/18/25 11:39	11/21/25 21:29	1
1,4-Difluorobenzene (Surr)	98		70 - 130	11/18/25 11:39	11/21/25 21:29	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-3 (1.5')

Lab Sample ID: 880-65030-14

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/21/25 21:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/22/25 02:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/15/25 11:19	11/22/25 02:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/15/25 11:19	11/22/25 02:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/15/25 11:19	11/22/25 02:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130				11/15/25 11:19	11/22/25 02:43	1
o-Terphenyl (Surr)	98		70 - 130				11/15/25 11:19	11/22/25 02:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4130		201		mg/Kg			11/18/25 00:51	20

Client Sample ID: T-3 (2')

Lab Sample ID: 880-65030-15

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:39	11/21/25 21:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:39	11/21/25 21:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:39	11/21/25 21:49	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		11/18/25 11:39	11/21/25 21:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:39	11/21/25 21:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/18/25 11:39	11/21/25 21:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				11/18/25 11:39	11/21/25 21:49	1
1,4-Difluorobenzene (Surr)	96		70 - 130				11/18/25 11:39	11/21/25 21:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/21/25 21:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			11/22/25 03:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		11/15/25 11:19	11/22/25 03:02	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		11/15/25 11:19	11/22/25 03:02	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-3 (2')

Lab Sample ID: 880-65030-15

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		11/15/25 11:19	11/22/25 03:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	97		70 - 130				11/15/25 11:19	11/22/25 03:02	1
o-Terphenyl (Surr)	98		70 - 130				11/15/25 11:19	11/22/25 03:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4120		201		mg/Kg			11/18/25 01:08	20

Client Sample ID: T-3 (3')

Lab Sample ID: 880-65030-16

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		11/18/25 11:39	11/21/25 22:10	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/18/25 11:39	11/21/25 22:10	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/18/25 11:39	11/21/25 22:10	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		11/18/25 11:39	11/21/25 22:10	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/18/25 11:39	11/21/25 22:10	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		11/18/25 11:39	11/21/25 22:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				11/18/25 11:39	11/21/25 22:10	1
1,4-Difluorobenzene (Surr)	99		70 - 130				11/18/25 11:39	11/21/25 22:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			11/21/25 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/22/25 03:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/15/25 11:19	11/22/25 03:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/15/25 11:19	11/22/25 03:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/15/25 11:19	11/22/25 03:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				11/15/25 11:19	11/22/25 03:20	1
o-Terphenyl (Surr)	103		70 - 130				11/15/25 11:19	11/22/25 03:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4950		199		mg/Kg			11/18/25 01:14	20

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Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-3 (4')

Lab Sample ID: 880-65030-17

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:39	11/21/25 22:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:39	11/21/25 22:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:39	11/21/25 22:30	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		11/18/25 11:39	11/21/25 22:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:39	11/21/25 22:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/18/25 11:39	11/21/25 22:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	11/18/25 11:39	11/21/25 22:30	1
1,4-Difluorobenzene (Surr)	92		70 - 130	11/18/25 11:39	11/21/25 22:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/21/25 22:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			11/22/25 03:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		11/15/25 11:19	11/22/25 03:40	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		11/15/25 11:19	11/22/25 03:40	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		11/15/25 11:19	11/22/25 03:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130	11/15/25 11:19	11/22/25 03:40	1
o-Terphenyl (Surr)	93		70 - 130	11/15/25 11:19	11/22/25 03:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.4		9.98		mg/Kg			11/18/25 01:20	1

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

Lab Sample ID: 880-65030-18

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:39	11/21/25 22:51	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:39	11/21/25 22:51	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:39	11/21/25 22:51	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		11/18/25 11:39	11/21/25 22:51	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:39	11/21/25 22:51	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/18/25 11:39	11/21/25 22:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	11/18/25 11:39	11/21/25 22:51	1
1,4-Difluorobenzene (Surr)	98		70 - 130	11/18/25 11:39	11/21/25 22:51	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-65030-18

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			11/21/25 22:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	309		49.9		mg/Kg			11/21/25 11:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	212		49.9		mg/Kg		11/16/25 15:29	11/21/25 11:49	1
Diesel Range Organics (Over C10-C28)	96.9	F1	49.9		mg/Kg		11/16/25 15:29	11/21/25 11:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/16/25 15:29	11/21/25 11:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	84		70 - 130				11/16/25 15:29	11/21/25 11:49	1
o-Terphenyl (Surr)	84		70 - 130				11/16/25 15:29	11/21/25 11:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2380		99.4		mg/Kg			11/18/25 01:26	10

Client Sample ID: T-4 (1.5')

Lab Sample ID: 880-65030-19

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:39	11/21/25 23:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:39	11/21/25 23:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:39	11/21/25 23:11	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		11/18/25 11:39	11/21/25 23:11	1
o-Xylene	0.00227		0.00200		mg/Kg		11/18/25 11:39	11/21/25 23:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/18/25 11:39	11/21/25 23:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				11/18/25 11:39	11/21/25 23:11	1
1,4-Difluorobenzene (Surr)	101		70 - 130				11/18/25 11:39	11/21/25 23:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			11/21/25 23:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			11/21/25 12:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		11/16/25 15:29	11/21/25 12:46	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		11/16/25 15:29	11/21/25 12:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-4 (1.5')

Lab Sample ID: 880-65030-19

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		11/16/25 15:29	11/21/25 12:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130				11/16/25 15:29	11/21/25 12:46	1
o-Terphenyl (Surr)	86		70 - 130				11/16/25 15:29	11/21/25 12:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3610		198		mg/Kg			11/18/25 01:32	20

Client Sample ID: T-4 (2')

Lab Sample ID: 880-65030-20

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:39	11/21/25 23:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:39	11/21/25 23:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:39	11/21/25 23:32	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		11/18/25 11:39	11/21/25 23:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:39	11/21/25 23:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/18/25 11:39	11/21/25 23:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				11/18/25 11:39	11/21/25 23:32	1
1,4-Difluorobenzene (Surr)	94		70 - 130				11/18/25 11:39	11/21/25 23:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/21/25 23:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/21/25 13:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/16/25 15:29	11/21/25 13:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/16/25 15:29	11/21/25 13:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/16/25 15:29	11/21/25 13:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	93		70 - 130				11/16/25 15:29	11/21/25 13:08	1
o-Terphenyl (Surr)	98		70 - 130				11/16/25 15:29	11/21/25 13:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4570		202		mg/Kg			11/18/25 01:38	20

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-4 (3')

Lab Sample ID: 880-65030-21

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		11/18/25 11:44	11/21/25 22:48	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		11/18/25 11:44	11/21/25 22:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:44	11/21/25 22:48	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		11/18/25 11:44	11/21/25 22:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:44	11/21/25 22:48	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/18/25 11:44	11/21/25 22:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	11/18/25 11:44	11/21/25 22:48	1
1,4-Difluorobenzene (Surr)	101		70 - 130	11/18/25 11:44	11/21/25 22:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/21/25 22:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			11/21/25 13:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		11/16/25 15:29	11/21/25 13:27	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		11/16/25 15:29	11/21/25 13:27	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		11/16/25 15:29	11/21/25 13:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130	11/16/25 15:29	11/21/25 13:27	1
o-Terphenyl (Surr)	99		70 - 130	11/16/25 15:29	11/21/25 13:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4480		201		mg/Kg			11/18/25 01:55	20

Client Sample ID: T-4 (4')

Lab Sample ID: 880-65030-22

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:44	11/21/25 23:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:44	11/21/25 23:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:44	11/21/25 23:09	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		11/18/25 11:44	11/21/25 23:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:44	11/21/25 23:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/18/25 11:44	11/21/25 23:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	11/18/25 11:44	11/21/25 23:09	1
1,4-Difluorobenzene (Surr)	158	S1+	70 - 130	11/18/25 11:44	11/21/25 23:09	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-4 (4')

Lab Sample ID: 880-65030-22

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/21/25 23:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/21/25 13:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/16/25 15:29	11/21/25 13:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/16/25 15:29	11/21/25 13:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/16/25 15:29	11/21/25 13:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130				11/16/25 15:29	11/21/25 13:46	1
o-Terphenyl (Surr)	93		70 - 130				11/16/25 15:29	11/21/25 13:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	199		10.1		mg/Kg			11/18/25 02:01	1

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

Lab Sample ID: 880-65030-23

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:44	11/21/25 23:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:44	11/21/25 23:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:44	11/21/25 23:29	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		11/18/25 11:44	11/21/25 23:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:44	11/21/25 23:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/18/25 11:44	11/21/25 23:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				11/18/25 11:44	11/21/25 23:29	1
1,4-Difluorobenzene (Surr)	108		70 - 130				11/18/25 11:44	11/21/25 23:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/21/25 23:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/21/25 14:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		11/16/25 15:29	11/21/25 14:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/16/25 15:29	11/21/25 14:05	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-65030-23

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/16/25 15:29	11/21/25 14:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130				11/16/25 15:29	11/21/25 14:05	1
o-Terphenyl (Surr)	88		70 - 130				11/16/25 15:29	11/21/25 14:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4510		199		mg/Kg			11/18/25 02:19	20

Client Sample ID: T-5 (1.5')

Lab Sample ID: 880-65030-24

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:44	11/21/25 23:50	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:44	11/21/25 23:50	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:44	11/21/25 23:50	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		11/18/25 11:44	11/21/25 23:50	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:44	11/21/25 23:50	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/18/25 11:44	11/21/25 23:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				11/18/25 11:44	11/21/25 23:50	1
1,4-Difluorobenzene (Surr)	81		70 - 130				11/18/25 11:44	11/21/25 23:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			11/21/25 23:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/21/25 14:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/16/25 15:29	11/21/25 14:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/16/25 15:29	11/21/25 14:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/16/25 15:29	11/21/25 14:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130				11/16/25 15:29	11/21/25 14:26	1
o-Terphenyl (Surr)	98		70 - 130				11/16/25 15:29	11/21/25 14:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6460		198		mg/Kg			11/18/25 02:24	20

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-5 (2')

Lab Sample ID: 880-65030-25

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:44	11/22/25 00:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:44	11/22/25 00:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:44	11/22/25 00:10	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		11/18/25 11:44	11/22/25 00:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:44	11/22/25 00:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/18/25 11:44	11/22/25 00:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	11/18/25 11:44	11/22/25 00:10	1
1,4-Difluorobenzene (Surr)	101		70 - 130	11/18/25 11:44	11/22/25 00:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/22/25 00:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/21/25 14:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/16/25 15:29	11/21/25 14:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/16/25 15:29	11/21/25 14:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/16/25 15:29	11/21/25 14:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	97		70 - 130	11/16/25 15:29	11/21/25 14:45	1
o-Terphenyl (Surr)	90		70 - 130	11/16/25 15:29	11/21/25 14:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5550		199		mg/Kg			11/18/25 02:30	20

Client Sample ID: T-5 (3')

Lab Sample ID: 880-65030-26

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:44	11/22/25 00:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:44	11/22/25 00:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:44	11/22/25 00:31	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		11/18/25 11:44	11/22/25 00:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:44	11/22/25 00:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/18/25 11:44	11/22/25 00:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	11/18/25 11:44	11/22/25 00:31	1
1,4-Difluorobenzene (Surr)	109		70 - 130	11/18/25 11:44	11/22/25 00:31	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-5 (3')

Lab Sample ID: 880-65030-26

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/22/25 00:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/21/25 15:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/16/25 15:29	11/21/25 15:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/16/25 15:29	11/21/25 15:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/16/25 15:29	11/21/25 15:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130				11/16/25 15:29	11/21/25 15:03	1
o-Terphenyl (Surr)	88		70 - 130				11/16/25 15:29	11/21/25 15:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	983		9.98		mg/Kg			11/18/25 02:36	1

Client Sample ID: T-5 (4')

Lab Sample ID: 880-65030-27

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		11/18/25 11:44	11/22/25 00:51	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/18/25 11:44	11/22/25 00:51	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/18/25 11:44	11/22/25 00:51	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		11/18/25 11:44	11/22/25 00:51	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/18/25 11:44	11/22/25 00:51	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		11/18/25 11:44	11/22/25 00:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				11/18/25 11:44	11/22/25 00:51	1
1,4-Difluorobenzene (Surr)	104		70 - 130				11/18/25 11:44	11/22/25 00:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			11/22/25 00:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/21/25 15:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/16/25 15:29	11/21/25 15:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/16/25 15:29	11/21/25 15:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-5 (4')

Lab Sample ID: 880-65030-27

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/16/25 15:29	11/21/25 15:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130				11/16/25 15:29	11/21/25 15:22	1
o-Terphenyl (Surr)	104		70 - 130				11/16/25 15:29	11/21/25 15:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	416		9.92		mg/Kg			11/18/25 02:42	1

Client Sample ID: T-5 (5')

Lab Sample ID: 880-65030-28

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:44	11/22/25 01:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:44	11/22/25 01:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:44	11/22/25 01:12	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		11/18/25 11:44	11/22/25 01:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:44	11/22/25 01:12	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/18/25 11:44	11/22/25 01:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				11/18/25 11:44	11/22/25 01:12	1
1,4-Difluorobenzene (Surr)	104		70 - 130				11/18/25 11:44	11/22/25 01:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/22/25 01:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/21/25 16:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/16/25 15:29	11/21/25 16:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/16/25 15:29	11/21/25 16:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/16/25 15:29	11/21/25 16:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130				11/16/25 15:29	11/21/25 16:02	1
o-Terphenyl (Surr)	98		70 - 130				11/16/25 15:29	11/21/25 16:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	165		10.0		mg/Kg			11/18/25 02:48	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-65030-29

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:44	11/22/25 01:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:44	11/22/25 01:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:44	11/22/25 01:32	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		11/18/25 11:44	11/22/25 01:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:44	11/22/25 01:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/18/25 11:44	11/22/25 01:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130	11/18/25 11:44	11/22/25 01:32	1
1,4-Difluorobenzene (Surr)	115		70 - 130	11/18/25 11:44	11/22/25 01:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/22/25 01:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/21/25 16:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/16/25 15:29	11/21/25 16:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/16/25 15:29	11/21/25 16:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/16/25 15:29	11/21/25 16:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130	11/16/25 15:29	11/21/25 16:21	1
o-Terphenyl (Surr)	84		70 - 130	11/16/25 15:29	11/21/25 16:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6300		202		mg/Kg			11/18/25 02:54	20

Client Sample ID: T-6 (1.5')

Lab Sample ID: 880-65030-30

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		11/22/25 12:21	11/23/25 05:37	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/22/25 12:21	11/23/25 05:37	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/22/25 12:21	11/23/25 05:37	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		11/22/25 12:21	11/23/25 05:37	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/22/25 12:21	11/23/25 05:37	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/22/25 12:21	11/23/25 05:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	11/22/25 12:21	11/23/25 05:37	1
1,4-Difluorobenzene (Surr)	97		70 - 130	11/22/25 12:21	11/23/25 05:37	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-6 (1.5')

Lab Sample ID: 880-65030-30

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			11/23/25 05:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/21/25 16:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		11/16/25 15:29	11/21/25 16:40	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/16/25 15:29	11/21/25 16:40	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/16/25 15:29	11/21/25 16:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130				11/16/25 15:29	11/21/25 16:40	1
o-Terphenyl (Surr)	89		70 - 130				11/16/25 15:29	11/21/25 16:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7860	F1	199		mg/Kg			11/18/25 00:27	20

Client Sample ID: T-6 (2')

Lab Sample ID: 880-65030-31

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/22/25 12:21	11/23/25 05:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/22/25 12:21	11/23/25 05:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/22/25 12:21	11/23/25 05:57	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		11/22/25 12:21	11/23/25 05:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/22/25 12:21	11/23/25 05:57	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/22/25 12:21	11/23/25 05:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				11/22/25 12:21	11/23/25 05:57	1
1,4-Difluorobenzene (Surr)	98		70 - 130				11/22/25 12:21	11/23/25 05:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/23/25 05:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/21/25 17:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/16/25 15:29	11/21/25 17:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/16/25 15:29	11/21/25 17:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-6 (2')

Lab Sample ID: 880-65030-31

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/16/25 15:29	11/21/25 17:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130				11/16/25 15:29	11/21/25 17:00	1
o-Terphenyl (Surr)	88		70 - 130				11/16/25 15:29	11/21/25 17:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5650		198		mg/Kg			11/18/25 00:43	20

Client Sample ID: T-6 (3')

Lab Sample ID: 880-65030-32

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/22/25 12:21	11/23/25 06:18	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/22/25 12:21	11/23/25 06:18	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/22/25 12:21	11/23/25 06:18	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		11/22/25 12:21	11/23/25 06:18	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/22/25 12:21	11/23/25 06:18	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/22/25 12:21	11/23/25 06:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				11/22/25 12:21	11/23/25 06:18	1
1,4-Difluorobenzene (Surr)	96		70 - 130				11/22/25 12:21	11/23/25 06:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/23/25 06:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/21/25 17:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/16/25 15:29	11/21/25 17:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/16/25 15:29	11/21/25 17:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/16/25 15:29	11/21/25 17:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130				11/16/25 15:29	11/21/25 17:19	1
o-Terphenyl (Surr)	86		70 - 130				11/16/25 15:29	11/21/25 17:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200		49.6		mg/Kg			11/18/25 00:48	5

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Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-6 (4')

Lab Sample ID: 880-65030-33

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		11/22/25 12:21	11/23/25 06:38	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/22/25 12:21	11/23/25 06:38	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/22/25 12:21	11/23/25 06:38	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		11/22/25 12:21	11/23/25 06:38	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/22/25 12:21	11/23/25 06:38	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		11/22/25 12:21	11/23/25 06:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	11/22/25 12:21	11/23/25 06:38	1
1,4-Difluorobenzene (Surr)	99		70 - 130	11/22/25 12:21	11/23/25 06:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			11/23/25 06:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/21/25 17:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/16/25 15:29	11/21/25 17:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/16/25 15:29	11/21/25 17:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/16/25 15:29	11/21/25 17:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	81		70 - 130	11/16/25 15:29	11/21/25 17:38	1
o-Terphenyl (Surr)	93		70 - 130	11/16/25 15:29	11/21/25 17:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1580		49.9		mg/Kg			11/18/25 00:53	5

Client Sample ID: T-6 (5')

Lab Sample ID: 880-65030-34

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/22/25 12:21	11/23/25 06:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/22/25 12:21	11/23/25 06:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/22/25 12:21	11/23/25 06:59	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		11/22/25 12:21	11/23/25 06:59	1
o-Xylene	0.00218		0.00199		mg/Kg		11/22/25 12:21	11/23/25 06:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/22/25 12:21	11/23/25 06:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	11/22/25 12:21	11/23/25 06:59	1
1,4-Difluorobenzene (Surr)	93		70 - 130	11/22/25 12:21	11/23/25 06:59	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-6 (5')

Lab Sample ID: 880-65030-34

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/23/25 06:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/21/25 17:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/16/25 15:29	11/21/25 17:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/16/25 15:29	11/21/25 17:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/16/25 15:29	11/21/25 17:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	80		70 - 130				11/16/25 15:29	11/21/25 17:59	1
o-Terphenyl (Surr)	81		70 - 130				11/16/25 15:29	11/21/25 17:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.0		9.94		mg/Kg			11/18/25 00:58	1

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

Lab Sample ID: 880-65030-35

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/22/25 12:21	11/23/25 07:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/22/25 12:21	11/23/25 07:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/22/25 12:21	11/23/25 07:19	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		11/22/25 12:21	11/23/25 07:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/22/25 12:21	11/23/25 07:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/22/25 12:21	11/23/25 07:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				11/22/25 12:21	11/23/25 07:19	1
1,4-Difluorobenzene (Surr)	99		70 - 130				11/22/25 12:21	11/23/25 07:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/23/25 07:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/21/25 18:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/16/25 15:29	11/21/25 18:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/16/25 15:29	11/21/25 18:17	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-65030-35

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/16/25 15:29	11/21/25 18:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130				11/16/25 15:29	11/21/25 18:17	1
o-Terphenyl (Surr)	90		70 - 130				11/16/25 15:29	11/21/25 18:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2340		99.6		mg/Kg			11/18/25 01:14	10

Client Sample ID: T-7 (1.5')

Lab Sample ID: 880-65030-36

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/22/25 12:21	11/23/25 07:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/22/25 12:21	11/23/25 07:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/22/25 12:21	11/23/25 07:40	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		11/22/25 12:21	11/23/25 07:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/22/25 12:21	11/23/25 07:40	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/22/25 12:21	11/23/25 07:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				11/22/25 12:21	11/23/25 07:40	1
1,4-Difluorobenzene (Surr)	94		70 - 130				11/22/25 12:21	11/23/25 07:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/23/25 07:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/21/25 18:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		11/16/25 15:29	11/21/25 18:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/16/25 15:29	11/21/25 18:37	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/16/25 15:29	11/21/25 18:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	82		70 - 130				11/16/25 15:29	11/21/25 18:37	1
o-Terphenyl (Surr)	85		70 - 130				11/16/25 15:29	11/21/25 18:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7400		201		mg/Kg			11/18/25 01:19	20

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Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-7 (2')

Lab Sample ID: 880-65030-37

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/22/25 12:21	11/23/25 08:00	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/22/25 12:21	11/23/25 08:00	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/22/25 12:21	11/23/25 08:00	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		11/22/25 12:21	11/23/25 08:00	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/22/25 12:21	11/23/25 08:00	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/22/25 12:21	11/23/25 08:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	11/22/25 12:21	11/23/25 08:00	1
1,4-Difluorobenzene (Surr)	98		70 - 130	11/22/25 12:21	11/23/25 08:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/23/25 08:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/21/25 18:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/16/25 15:29	11/21/25 18:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/16/25 15:29	11/21/25 18:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/16/25 15:29	11/21/25 18:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130	11/16/25 15:29	11/21/25 18:57	1
o-Terphenyl (Surr)	96		70 - 130	11/16/25 15:29	11/21/25 18:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3290		100		mg/Kg			11/18/25 01:25	10

Client Sample ID: T-7 (3')

Lab Sample ID: 880-65030-38

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		11/22/25 12:21	11/23/25 08:21	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/22/25 12:21	11/23/25 08:21	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/22/25 12:21	11/23/25 08:21	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		11/22/25 12:21	11/23/25 08:21	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/22/25 12:21	11/23/25 08:21	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		11/22/25 12:21	11/23/25 08:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	11/22/25 12:21	11/23/25 08:21	1
1,4-Difluorobenzene (Surr)	96		70 - 130	11/22/25 12:21	11/23/25 08:21	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-7 (3')

Lab Sample ID: 880-65030-38

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			11/23/25 08:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/20/25 21:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/16/25 15:37	11/20/25 21:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/16/25 15:37	11/20/25 21:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/16/25 15:37	11/20/25 21:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130				11/16/25 15:37	11/20/25 21:05	1
o-Terphenyl (Surr)	118		70 - 130				11/16/25 15:37	11/20/25 21:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2200		101		mg/Kg			11/18/25 01:30	10

Client Sample ID: T-7 (4')

Lab Sample ID: 880-65030-39

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/21/25 12:15	11/23/25 05:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/21/25 12:15	11/23/25 05:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/21/25 12:15	11/23/25 05:58	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		11/21/25 12:15	11/23/25 05:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/21/25 12:15	11/23/25 05:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/21/25 12:15	11/23/25 05:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				11/21/25 12:15	11/23/25 05:58	1
1,4-Difluorobenzene (Surr)	106		70 - 130				11/21/25 12:15	11/23/25 05:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			11/23/25 05:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			11/20/25 22:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		11/16/25 15:37	11/20/25 22:03	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		11/16/25 15:37	11/20/25 22:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-7 (4')

Lab Sample ID: 880-65030-39

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		11/16/25 15:37	11/20/25 22:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130				11/16/25 15:37	11/20/25 22:03	1
o-Terphenyl (Surr)	123		70 - 130				11/16/25 15:37	11/20/25 22:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3330		99.8		mg/Kg			11/18/25 01:35	10

Client Sample ID: T-7 (5')

Lab Sample ID: 880-65030-40

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/21/25 14:31	11/24/25 16:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/21/25 14:31	11/24/25 16:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/21/25 14:31	11/24/25 16:56	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		11/21/25 14:31	11/24/25 16:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/21/25 14:31	11/24/25 16:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/21/25 14:31	11/24/25 16:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				11/21/25 14:31	11/24/25 16:56	1
1,4-Difluorobenzene (Surr)	101		70 - 130				11/21/25 14:31	11/24/25 16:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/24/25 16:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/20/25 22:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/16/25 15:37	11/20/25 22:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/16/25 15:37	11/20/25 22:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/16/25 15:37	11/20/25 22:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	116		70 - 130				11/16/25 15:37	11/20/25 22:22	1
o-Terphenyl (Surr)	127		70 - 130				11/16/25 15:37	11/20/25 22:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	270		10.0		mg/Kg			11/18/25 01:40	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-7 (6')

Lab Sample ID: 880-65030-41

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:47	11/21/25 14:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:47	11/21/25 14:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:47	11/21/25 14:34	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		11/18/25 11:47	11/21/25 14:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:47	11/21/25 14:34	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/18/25 11:47	11/21/25 14:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	155	S1+	70 - 130	11/18/25 11:47	11/21/25 14:34	1
1,4-Difluorobenzene (Surr)	83		70 - 130	11/18/25 11:47	11/21/25 14:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/21/25 14:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			11/20/25 22:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		11/16/25 15:37	11/20/25 22:41	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		11/16/25 15:37	11/20/25 22:41	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		11/16/25 15:37	11/20/25 22:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	119		70 - 130	11/16/25 15:37	11/20/25 22:41	1
o-Terphenyl (Surr)	135	S1+	70 - 130	11/16/25 15:37	11/20/25 22:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.9		9.92		mg/Kg			11/18/25 01:56	1

Client Sample ID: T-8 (0-1')

Lab Sample ID: 880-65030-42

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:47	11/21/25 14:54	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:47	11/21/25 14:54	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:47	11/21/25 14:54	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		11/18/25 11:47	11/21/25 14:54	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:47	11/21/25 14:54	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/18/25 11:47	11/21/25 14:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	168	S1+	70 - 130	11/18/25 11:47	11/21/25 14:54	1
1,4-Difluorobenzene (Surr)	86		70 - 130	11/18/25 11:47	11/21/25 14:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-8 (0-1')

Lab Sample ID: 880-65030-42

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/21/25 14:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			11/20/25 23:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		11/16/25 15:37	11/20/25 23:01	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		11/16/25 15:37	11/20/25 23:01	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		11/16/25 15:37	11/20/25 23:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130				11/16/25 15:37	11/20/25 23:01	1
o-Terphenyl (Surr)	123		70 - 130				11/16/25 15:37	11/20/25 23:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10600		199		mg/Kg			11/18/25 02:01	20

Client Sample ID: T-8 (1.5')

Lab Sample ID: 880-65030-43

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		11/18/25 11:47	11/21/25 15:15	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/18/25 11:47	11/21/25 15:15	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/18/25 11:47	11/21/25 15:15	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		11/18/25 11:47	11/21/25 15:15	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/18/25 11:47	11/21/25 15:15	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		11/18/25 11:47	11/21/25 15:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130				11/18/25 11:47	11/21/25 15:15	1
1,4-Difluorobenzene (Surr)	82		70 - 130				11/18/25 11:47	11/21/25 15:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			11/21/25 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/20/25 23:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/16/25 15:37	11/20/25 23:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/16/25 15:37	11/20/25 23:20	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-8 (1.5')

Lab Sample ID: 880-65030-43

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/16/25 15:37	11/20/25 23:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	81		70 - 130				11/16/25 15:37	11/20/25 23:20	1
o-Terphenyl (Surr)	91		70 - 130				11/16/25 15:37	11/20/25 23:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3440		101		mg/Kg			11/18/25 02:17	10

Client Sample ID: T-8 (2')

Lab Sample ID: 880-65030-44

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:47	11/21/25 15:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:47	11/21/25 15:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:47	11/21/25 15:35	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		11/18/25 11:47	11/21/25 15:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:47	11/21/25 15:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/18/25 11:47	11/21/25 15:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	166	S1+	70 - 130				11/18/25 11:47	11/21/25 15:35	1
1,4-Difluorobenzene (Surr)	86		70 - 130				11/18/25 11:47	11/21/25 15:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/21/25 15:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/20/25 23:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/16/25 15:37	11/20/25 23:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/16/25 15:37	11/20/25 23:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/16/25 15:37	11/20/25 23:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130				11/16/25 15:37	11/20/25 23:39	1
o-Terphenyl (Surr)	105		70 - 130				11/16/25 15:37	11/20/25 23:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2050		99.4		mg/Kg			11/18/25 02:22	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-8 (3')

Lab Sample ID: 880-65030-45

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:47	11/21/25 15:56	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:47	11/21/25 15:56	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:47	11/21/25 15:56	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		11/18/25 11:47	11/21/25 15:56	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:47	11/21/25 15:56	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/18/25 11:47	11/21/25 15:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	167	S1+	70 - 130	11/18/25 11:47	11/21/25 15:56	1
1,4-Difluorobenzene (Surr)	84		70 - 130	11/18/25 11:47	11/21/25 15:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			11/21/25 15:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/20/25 23:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/16/25 15:37	11/20/25 23:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/16/25 15:37	11/20/25 23:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/16/25 15:37	11/20/25 23:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130	11/16/25 15:37	11/20/25 23:59	1
o-Terphenyl (Surr)	116		70 - 130	11/16/25 15:37	11/20/25 23:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	161		99.2		mg/Kg			11/18/25 02:27	10

Client Sample ID: T-8 (4')

Lab Sample ID: 880-65030-46

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:47	11/21/25 16:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:47	11/21/25 16:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:47	11/21/25 16:16	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		11/18/25 11:47	11/21/25 16:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:47	11/21/25 16:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/18/25 11:47	11/21/25 16:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	167	S1+	70 - 130	11/18/25 11:47	11/21/25 16:16	1
1,4-Difluorobenzene (Surr)	85		70 - 130	11/18/25 11:47	11/21/25 16:16	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-8 (4')

Lab Sample ID: 880-65030-46

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			11/21/25 16:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/21/25 00:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/16/25 15:37	11/21/25 00:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/16/25 15:37	11/21/25 00:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/16/25 15:37	11/21/25 00:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130				11/16/25 15:37	11/21/25 00:18	1
o-Terphenyl (Surr)	116		70 - 130				11/16/25 15:37	11/21/25 00:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	31.5		9.90		mg/Kg			11/18/25 02:33	1

Client Sample ID: T-8 (5')

Lab Sample ID: 880-65030-47

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:47	11/21/25 16:37	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:47	11/21/25 16:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:47	11/21/25 16:37	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		11/18/25 11:47	11/21/25 16:37	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:47	11/21/25 16:37	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/18/25 11:47	11/21/25 16:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130				11/18/25 11:47	11/21/25 16:37	1
1,4-Difluorobenzene (Surr)	84		70 - 130				11/18/25 11:47	11/21/25 16:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/21/25 16:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			11/21/25 00:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		11/16/25 15:37	11/21/25 00:37	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		11/16/25 15:37	11/21/25 00:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-8 (5')

Lab Sample ID: 880-65030-47

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		11/16/25 15:37	11/21/25 00:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	94		70 - 130				11/16/25 15:37	11/21/25 00:37	1
o-Terphenyl (Surr)	107		70 - 130				11/16/25 15:37	11/21/25 00:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.5		9.92		mg/Kg			11/18/25 02:38	1

Client Sample ID: T-8 (6')

Lab Sample ID: 880-65030-48

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:47	11/21/25 16:57	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:47	11/21/25 16:57	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:47	11/21/25 16:57	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		11/18/25 11:47	11/21/25 16:57	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:47	11/21/25 16:57	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/18/25 11:47	11/21/25 16:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	164	S1+	70 - 130				11/18/25 11:47	11/21/25 16:57	1
1,4-Difluorobenzene (Surr)	83		70 - 130				11/18/25 11:47	11/21/25 16:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/21/25 16:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/21/25 01:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/16/25 15:37	11/21/25 01:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/16/25 15:37	11/21/25 01:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/16/25 15:37	11/21/25 01:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130				11/16/25 15:37	11/21/25 01:17	1
o-Terphenyl (Surr)	114		70 - 130				11/16/25 15:37	11/21/25 01:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	217		9.94		mg/Kg			11/18/25 02:43	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-8 (7')

Lab Sample ID: 880-65030-49

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		11/18/25 11:47	11/21/25 17:18	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/18/25 11:47	11/21/25 17:18	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/18/25 11:47	11/21/25 17:18	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		11/18/25 11:47	11/21/25 17:18	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/18/25 11:47	11/21/25 17:18	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		11/18/25 11:47	11/21/25 17:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	169	S1+	70 - 130	11/18/25 11:47	11/21/25 17:18	1
1,4-Difluorobenzene (Surr)	85		70 - 130	11/18/25 11:47	11/21/25 17:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			11/21/25 17:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/21/25 01:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/16/25 15:37	11/21/25 01:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/16/25 15:37	11/21/25 01:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/16/25 15:37	11/21/25 01:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	114		70 - 130	11/16/25 15:37	11/21/25 01:36	1
o-Terphenyl (Surr)	126		70 - 130	11/16/25 15:37	11/21/25 01:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.1		10.0		mg/Kg			11/18/25 02:48	1

Client Sample ID: T-8 (8')

Lab Sample ID: 880-65030-50

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:47	11/21/25 19:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:47	11/21/25 19:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:47	11/21/25 19:09	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		11/18/25 11:47	11/21/25 19:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:47	11/21/25 19:09	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/18/25 11:47	11/21/25 19:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	143	S1+	70 - 130	11/18/25 11:47	11/21/25 19:09	1
1,4-Difluorobenzene (Surr)	81		70 - 130	11/18/25 11:47	11/21/25 19:09	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-8 (8')

Lab Sample ID: 880-65030-50

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/21/25 19:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/21/25 01:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/16/25 15:37	11/21/25 01:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/16/25 15:37	11/21/25 01:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/16/25 15:37	11/21/25 01:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	216	S1+	70 - 130				11/16/25 15:37	11/21/25 01:55	1
o-Terphenyl (Surr)	246	S1+	70 - 130				11/16/25 15:37	11/21/25 01:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.9		10.1		mg/Kg			11/18/25 20:52	1

Client Sample ID: T-8 (9')

Lab Sample ID: 880-65030-51

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:47	11/21/25 20:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:47	11/21/25 20:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:47	11/21/25 20:32	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		11/18/25 11:47	11/21/25 20:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:47	11/21/25 20:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/18/25 11:47	11/21/25 20:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	162	S1+	70 - 130				11/18/25 11:47	11/21/25 20:32	1
1,4-Difluorobenzene (Surr)	82		70 - 130				11/18/25 11:47	11/21/25 20:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/21/25 20:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/21/25 02:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/16/25 15:37	11/21/25 02:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/16/25 15:37	11/21/25 02:16	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-8 (9')

Lab Sample ID: 880-65030-51

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/16/25 15:37	11/21/25 02:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130				11/16/25 15:37	11/21/25 02:16	1
o-Terphenyl (Surr)	98		70 - 130				11/16/25 15:37	11/21/25 02:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.5		10.0		mg/Kg			11/18/25 21:08	1

Client Sample ID: T-9 (0-1')

Lab Sample ID: 880-65030-52

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:47	11/21/25 20:52	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:47	11/21/25 20:52	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:47	11/21/25 20:52	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		11/18/25 11:47	11/21/25 20:52	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:47	11/21/25 20:52	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/18/25 11:47	11/21/25 20:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	162	S1+	70 - 130				11/18/25 11:47	11/21/25 20:52	1
1,4-Difluorobenzene (Surr)	82		70 - 130				11/18/25 11:47	11/21/25 20:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			11/21/25 20:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/21/25 02:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/16/25 15:37	11/21/25 02:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/16/25 15:37	11/21/25 02:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/16/25 15:37	11/21/25 02:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	94		70 - 130				11/16/25 15:37	11/21/25 02:35	1
o-Terphenyl (Surr)	106		70 - 130				11/16/25 15:37	11/21/25 02:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	505		10.1		mg/Kg			11/18/25 21:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-9 (1.5')

Lab Sample ID: 880-65030-53

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:47	11/21/25 21:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:47	11/21/25 21:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:47	11/21/25 21:13	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		11/18/25 11:47	11/21/25 21:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:47	11/21/25 21:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/18/25 11:47	11/21/25 21:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	170	S1+	70 - 130	11/18/25 11:47	11/21/25 21:13	1
1,4-Difluorobenzene (Surr)	85		70 - 130	11/18/25 11:47	11/21/25 21:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/21/25 21:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/21/25 02:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/16/25 15:37	11/21/25 02:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/16/25 15:37	11/21/25 02:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/16/25 15:37	11/21/25 02:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	81		70 - 130	11/16/25 15:37	11/21/25 02:53	1
o-Terphenyl (Surr)	89		70 - 130	11/16/25 15:37	11/21/25 02:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	548		9.98		mg/Kg			11/18/25 21:19	1

Client Sample ID: T-9 (2')

Lab Sample ID: 880-65030-54

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:47	11/21/25 21:33	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:47	11/21/25 21:33	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:47	11/21/25 21:33	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		11/18/25 11:47	11/21/25 21:33	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/18/25 11:47	11/21/25 21:33	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/18/25 11:47	11/21/25 21:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	170	S1+	70 - 130	11/18/25 11:47	11/21/25 21:33	1
1,4-Difluorobenzene (Surr)	85		70 - 130	11/18/25 11:47	11/21/25 21:33	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-9 (2')

Lab Sample ID: 880-65030-54

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/21/25 21:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/21/25 03:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/16/25 15:37	11/21/25 03:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/16/25 15:37	11/21/25 03:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/16/25 15:37	11/21/25 03:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	82		70 - 130				11/16/25 15:37	11/21/25 03:14	1
o-Terphenyl (Surr)	96		70 - 130				11/16/25 15:37	11/21/25 03:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	566		9.92		mg/Kg			11/18/25 21:24	1

Client Sample ID: T-9 (3')

Lab Sample ID: 880-65030-55

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		11/18/25 11:47	11/21/25 21:54	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/18/25 11:47	11/21/25 21:54	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/18/25 11:47	11/21/25 21:54	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		11/18/25 11:47	11/21/25 21:54	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/18/25 11:47	11/21/25 21:54	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		11/18/25 11:47	11/21/25 21:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	163	S1+	70 - 130				11/18/25 11:47	11/21/25 21:54	1
1,4-Difluorobenzene (Surr)	83		70 - 130				11/18/25 11:47	11/21/25 21:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			11/21/25 21:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/21/25 03:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/16/25 15:37	11/21/25 03:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/16/25 15:37	11/21/25 03:33	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-9 (3')

Lab Sample ID: 880-65030-55

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/16/25 15:37	11/21/25 03:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130				11/16/25 15:37	11/21/25 03:33	1
o-Terphenyl (Surr)	109		70 - 130				11/16/25 15:37	11/21/25 03:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	183		9.94		mg/Kg			11/18/25 21:40	1

Client Sample ID: T-9 (4')

Lab Sample ID: 880-65030-56

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:47	11/21/25 22:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:47	11/21/25 22:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:47	11/21/25 22:14	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		11/18/25 11:47	11/21/25 22:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:47	11/21/25 22:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/18/25 11:47	11/21/25 22:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	168	S1+	70 - 130				11/18/25 11:47	11/21/25 22:14	1
1,4-Difluorobenzene (Surr)	84		70 - 130				11/18/25 11:47	11/21/25 22:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/21/25 22:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/21/25 03:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/16/25 15:37	11/21/25 03:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/16/25 15:37	11/21/25 03:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/16/25 15:37	11/21/25 03:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130				11/16/25 15:37	11/21/25 03:52	1
o-Terphenyl (Surr)	116		70 - 130				11/16/25 15:37	11/21/25 03:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.1		9.92		mg/Kg			11/18/25 21:45	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-9 (5')

Lab Sample ID: 880-65030-57

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:47	11/21/25 22:35	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:47	11/21/25 22:35	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:47	11/21/25 22:35	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		11/18/25 11:47	11/21/25 22:35	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:47	11/21/25 22:35	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/18/25 11:47	11/21/25 22:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	169	S1+	70 - 130	11/18/25 11:47	11/21/25 22:35	1
1,4-Difluorobenzene (Surr)	83		70 - 130	11/18/25 11:47	11/21/25 22:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			11/21/25 22:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/21/25 04:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/16/25 15:37	11/21/25 04:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/16/25 15:37	11/21/25 04:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/16/25 15:37	11/21/25 04:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	97		70 - 130	11/16/25 15:37	11/21/25 04:11	1
o-Terphenyl (Surr)	108		70 - 130	11/16/25 15:37	11/21/25 04:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	52.8		9.98		mg/Kg			11/18/25 21:50	1

Client Sample ID: T-9 (6')

Lab Sample ID: 880-65030-58

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:47	11/21/25 22:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:47	11/21/25 22:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:47	11/21/25 22:55	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		11/18/25 11:47	11/21/25 22:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:47	11/21/25 22:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/18/25 11:47	11/21/25 22:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	169	S1+	70 - 130	11/18/25 11:47	11/21/25 22:55	1
1,4-Difluorobenzene (Surr)	83		70 - 130	11/18/25 11:47	11/21/25 22:55	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-9 (6')

Lab Sample ID: 880-65030-58

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			11/21/25 22:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/19/25 20:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		11/16/25 15:40	11/19/25 20:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+ *1	49.9		mg/Kg		11/16/25 15:40	11/19/25 20:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/16/25 15:40	11/19/25 20:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	122		70 - 130	11/16/25 15:40	11/19/25 20:18	1
o-Terphenyl (Surr)	134	S1+	70 - 130	11/16/25 15:40	11/19/25 20:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.3		10.1		mg/Kg			11/18/25 21:56	1

Client Sample ID: T-9 (7')

Lab Sample ID: 880-65030-59

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:47	11/21/25 23:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:47	11/21/25 23:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:47	11/21/25 23:15	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		11/18/25 11:47	11/21/25 23:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/18/25 11:47	11/21/25 23:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/18/25 11:47	11/21/25 23:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	169	S1+	70 - 130	11/18/25 11:47	11/21/25 23:15	1
1,4-Difluorobenzene (Surr)	84		70 - 130	11/18/25 11:47	11/21/25 23:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/21/25 23:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/19/25 21:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		11/16/25 15:40	11/19/25 21:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+ *1	50.0		mg/Kg		11/16/25 15:40	11/19/25 21:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-9 (7')

Lab Sample ID: 880-65030-59

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/16/25 15:40	11/19/25 21:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130				11/16/25 15:40	11/19/25 21:15	1
o-Terphenyl (Surr)	119		70 - 130				11/16/25 15:40	11/19/25 21:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.3		9.94		mg/Kg			11/18/25 22:01	1

Client Sample ID: T-9 (8')

Lab Sample ID: 880-65030-60

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:47	11/21/25 23:36	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:47	11/21/25 23:36	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:47	11/21/25 23:36	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		11/18/25 11:47	11/21/25 23:36	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/18/25 11:47	11/21/25 23:36	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		11/18/25 11:47	11/21/25 23:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	168	S1+	70 - 130				11/18/25 11:47	11/21/25 23:36	1
1,4-Difluorobenzene (Surr)	84		70 - 130				11/18/25 11:47	11/21/25 23:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			11/21/25 23:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			11/19/25 21:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U *1	50.2		mg/Kg		11/16/25 15:40	11/19/25 21:35	1
Diesel Range Organics (Over C10-C28)	<50.2	U *+ *1	50.2		mg/Kg		11/16/25 15:40	11/19/25 21:35	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		11/16/25 15:40	11/19/25 21:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	116		70 - 130				11/16/25 15:40	11/19/25 21:35	1
o-Terphenyl (Surr)	127		70 - 130				11/16/25 15:40	11/19/25 21:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.9		9.96		mg/Kg			11/18/25 22:06	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-9 (9')

Lab Sample ID: 880-65030-61

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/18/25 10:37	11/23/25 05:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/18/25 10:37	11/23/25 05:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/25 10:37	11/23/25 05:38	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		11/18/25 10:37	11/23/25 05:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/18/25 10:37	11/23/25 05:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/18/25 10:37	11/23/25 05:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	11/18/25 10:37	11/23/25 05:38	1
1,4-Difluorobenzene (Surr)	105		70 - 130	11/18/25 10:37	11/23/25 05:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			11/23/25 05:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/19/25 21:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		11/16/25 15:40	11/19/25 21:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+ *1	50.0		mg/Kg		11/16/25 15:40	11/19/25 21:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/16/25 15:40	11/19/25 21:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	119		70 - 130	11/16/25 15:40	11/19/25 21:54	1
o-Terphenyl (Surr)	128		70 - 130	11/16/25 15:40	11/19/25 21:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.7		9.92		mg/Kg			11/18/25 22:22	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-64947-A-1-E MS	Matrix Spike	112	102
880-64947-A-1-F MSD	Matrix Spike Duplicate	120	103
880-65030-1	T-1 (0-1')	110	102
880-65030-1 MS	T-1 (0-1')	107	105
880-65030-1 MSD	T-1 (0-1')	103	101
880-65030-2	T-1 (1.5')	105	102
880-65030-3	T-1 (2')	104	104
880-65030-4	T-1 (3')	107	101
880-65030-5	T-1 (4')	101	91
880-65030-6	T-1 (5')	97	90
880-65030-7	T-2 (0-1')	107	100
880-65030-8	T-2 (1.5')	107	97
880-65030-9	T-2 (2')	102	96
880-65030-10	T-2 (3')	105	103
880-65030-11	T-2 (4')	102	95
880-65030-12	T-2 (5')	103	96
880-65030-13	T-3 (0-1')	102	93
880-65030-14	T-3 (1.5')	100	98
880-65030-15	T-3 (2')	98	96
880-65030-16	T-3 (3')	105	99
880-65030-17	T-3 (4')	102	92
880-65030-18	T-4 (0-1')	103	98
880-65030-19	T-4 (1.5')	105	101
880-65030-20	T-4 (2')	103	94
880-65030-21	T-4 (3')	118	101
880-65030-21 MS	T-4 (3')	107	103
880-65030-21 MSD	T-4 (3')	106	104
880-65030-22	T-4 (4')	115	158 S1+
880-65030-23	T-5 (0-1')	112	108
880-65030-24	T-5 (1.5')	86	81
880-65030-25	T-5 (2')	115	101
880-65030-26	T-5 (3')	112	109
880-65030-27	T-5 (4')	116	104
880-65030-28	T-5 (5')	116	104
880-65030-29	T-6 (0-1')	134 S1+	115
880-65030-30	T-6 (1.5')	103	97
880-65030-31	T-6 (2')	101	98
880-65030-32	T-6 (3')	101	96
880-65030-33	T-6 (4')	103	99
880-65030-34	T-6 (5')	109	93
880-65030-35	T-7 (0-1')	103	99
880-65030-36	T-7 (1.5')	101	94
880-65030-37	T-7 (2')	107	98
880-65030-38	T-7 (3')	110	96
880-65030-39	T-7 (4')	114	106
880-65030-40	T-7 (5')	100	101
880-65030-41	T-7 (6')	155 S1+	83
880-65030-41 MS	T-7 (6')	154 S1+	82
880-65030-41 MSD	T-7 (6')	160 S1+	83

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Surrogate Summary

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-65030-42	T-8 (0-1')	168 S1+	86
880-65030-43	T-8 (1.5')	159 S1+	82
880-65030-44	T-8 (2')	166 S1+	86
880-65030-45	T-8 (3')	167 S1+	84
880-65030-46	T-8 (4')	167 S1+	85
880-65030-47	T-8 (5')	171 S1+	84
880-65030-48	T-8 (6')	164 S1+	83
880-65030-49	T-8 (7')	169 S1+	85
880-65030-50	T-8 (8')	143 S1+	81
880-65030-51	T-8 (9')	162 S1+	82
880-65030-52	T-9 (0-1')	162 S1+	82
880-65030-53	T-9 (1.5')	170 S1+	85
880-65030-54	T-9 (2')	170 S1+	85
880-65030-55	T-9 (3')	163 S1+	83
880-65030-56	T-9 (4')	168 S1+	84
880-65030-57	T-9 (5')	169 S1+	83
880-65030-58	T-9 (6')	169 S1+	83
880-65030-59	T-9 (7')	169 S1+	84
880-65030-60	T-9 (8')	168 S1+	84
880-65030-61	T-9 (9')	112	105
890-9103-A-21-E MS	Matrix Spike	109	100
890-9103-A-21-F MSD	Matrix Spike Duplicate	126	101
LCS 880-124306/1-A	Lab Control Sample	109	102
LCS 880-124314/1-A	Lab Control Sample	102	100
LCS 880-124315/1-A	Lab Control Sample	104	103
LCS 880-124321/1-A	Lab Control Sample	151 S1+	85
LCS 880-124739/1-A	Lab Control Sample	103	93
LCS 880-124787/1-A	Lab Control Sample	103	99
LCSD 880-124306/2-A	Lab Control Sample Dup	108	104
LCSD 880-124314/2-A	Lab Control Sample Dup	98	99
LCSD 880-124315/2-A	Lab Control Sample Dup	110	98
LCSD 880-124321/2-A	Lab Control Sample Dup	166 S1+	82
LCSD 880-124739/2-A	Lab Control Sample Dup	112	99
LCSD 880-124787/2-A	Lab Control Sample Dup	103	99
MB 880-124305/5-A	Method Blank	109	103
MB 880-124306/5-A	Method Blank	108	98
MB 880-124314/5-A	Method Blank	107	93
MB 880-124315/5-A	Method Blank	105	102
MB 880-124321/5-A	Method Blank	149 S1+	79
MB 880-124497/5-A	Method Blank	108	94
MB 880-124648/5-A	Method Blank	108	101
MB 880-124739/5-A	Method Blank	114	93
MB 880-124787/5-A	Method Blank	108	91

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-65030-1

Project/Site: Yellowfin 2H (09.10.25)

SDG: Eddy County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-65030-1	T-1 (0-1')	84	98
880-65030-2	T-1 (1.5')	91	92
880-65030-3	T-1 (2')	72	98
880-65030-4	T-1 (3')	80	94
880-65030-5	T-1 (4')	94	98
880-65030-6	T-1 (5')	87	89
880-65030-7	T-2 (0-1')	82	100
880-65030-8	T-2 (1.5')	82	99
880-65030-9	T-2 (2')	84	96
880-65030-10	T-2 (3')	101	99
880-65030-11	T-2 (4')	95	91
880-65030-12	T-2 (5')	99	97
880-65030-13	T-3 (0-1')	96	100
880-65030-14	T-3 (1.5')	98	98
880-65030-15	T-3 (2')	97	98
880-65030-16	T-3 (3')	101	103
880-65030-17	T-3 (4')	91	93
880-65030-18	T-4 (0-1')	84	84
880-65030-18 MS	T-4 (0-1')	103	81
880-65030-18 MSD	T-4 (0-1')	107	90
880-65030-19	T-4 (1.5')	87	86
880-65030-20	T-4 (2')	93	98
880-65030-21	T-4 (3')	87	99
880-65030-22	T-4 (4')	91	93
880-65030-23	T-5 (0-1')	91	88
880-65030-24	T-5 (1.5')	89	98
880-65030-25	T-5 (2')	97	90
880-65030-26	T-5 (3')	92	88
880-65030-27	T-5 (4')	104	104
880-65030-28	T-5 (5')	90	98
880-65030-29	T-6 (0-1')	98	84
880-65030-30	T-6 (1.5')	98	89
880-65030-31	T-6 (2')	90	88
880-65030-32	T-6 (3')	95	86
880-65030-33	T-6 (4')	81	93
880-65030-34	T-6 (5')	80	81
880-65030-35	T-7 (0-1')	95	90
880-65030-36	T-7 (1.5')	82	85
880-65030-37	T-7 (2')	89	96
880-65030-38	T-7 (3')	104	118
880-65030-38 MS	T-7 (3')	112	115
880-65030-38 MSD	T-7 (3')	116	113
880-65030-39	T-7 (4')	108	123
880-65030-40	T-7 (5')	116	127
880-65030-41	T-7 (6')	119	135 S1+
880-65030-42	T-8 (0-1')	107	123
880-65030-43	T-8 (1.5')	81	91
880-65030-44	T-8 (2')	92	105
880-65030-45	T-8 (3')	100	116
880-65030-46	T-8 (4')	106	116

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-65030-1

Project/Site: Yellowfin 2H (09.10.25)

SDG: Eddy County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-65030-47	T-8 (5')	94	107
880-65030-48	T-8 (6')	98	114
880-65030-49	T-8 (7')	114	126
880-65030-50	T-8 (8')	216 S1+	246 S1+
880-65030-51	T-8 (9')	89	98
880-65030-52	T-9 (0-1')	94	106
880-65030-53	T-9 (1.5')	81	89
880-65030-54	T-9 (2')	82	96
880-65030-55	T-9 (3')	96	109
880-65030-56	T-9 (4')	103	116
880-65030-57	T-9 (5')	97	108
880-65030-58	T-9 (6')	122	134 S1+
880-65030-58 MS	T-9 (6')	133 S1+	129
880-65030-58 MSD	T-9 (6')	135 S1+	132 S1+
880-65030-59	T-9 (7')	111	119
880-65030-60	T-9 (8')	116	127
880-65030-61	T-9 (9')	119	128
890-9089-A-2-B MS	Matrix Spike	103	105
890-9089-A-2-C MSD	Matrix Spike Duplicate	101	104
LCS 880-124119/2-A	Lab Control Sample	104	119
LCS 880-124126/2-A	Lab Control Sample	131 S1+	132 S1+
LCS 880-124127/2-A	Lab Control Sample	143 S1+	138 S1+
LCS 880-124128/2-A	Lab Control Sample	168 S1+	167 S1+
LCSD 880-124119/3-A	Lab Control Sample Dup	114	125
LCSD 880-124126/3-A	Lab Control Sample Dup	148 S1+	131 S1+
LCSD 880-124127/3-A	Lab Control Sample Dup	126	120
LCSD 880-124128/3-A	Lab Control Sample Dup	136 S1+	128
MB 880-124119/1-A	Method Blank	91	112
MB 880-124126/1-A	Method Blank	106	124
MB 880-124127/1-A	Method Blank	101	103
MB 880-124128/1-A	Method Blank	110	113

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-124305/5-A

Matrix: Solid

Analysis Batch: 124786

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 124305

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/18/25 10:32	11/22/25 13:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/18/25 10:32	11/22/25 13:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/25 10:32	11/22/25 13:22	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		11/18/25 10:32	11/22/25 13:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/18/25 10:32	11/22/25 13:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/18/25 10:32	11/22/25 13:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	11/18/25 10:32	11/22/25 13:22	1
1,4-Difluorobenzene (Surr)	103		70 - 130	11/18/25 10:32	11/22/25 13:22	1

Lab Sample ID: MB 880-124306/5-A

Matrix: Solid

Analysis Batch: 124786

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 124306

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/18/25 10:37	11/23/25 00:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/18/25 10:37	11/23/25 00:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/25 10:37	11/23/25 00:18	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		11/18/25 10:37	11/23/25 00:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/18/25 10:37	11/23/25 00:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/18/25 10:37	11/23/25 00:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	11/18/25 10:37	11/23/25 00:18	1
1,4-Difluorobenzene (Surr)	98		70 - 130	11/18/25 10:37	11/23/25 00:18	1

Lab Sample ID: LCS 880-124306/1-A

Matrix: Solid

Analysis Batch: 124786

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 124306

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08752		mg/Kg		88	70 - 130
Toluene	0.100	0.09103		mg/Kg		91	70 - 130
Ethylbenzene	0.100	0.09474		mg/Kg		95	70 - 130
m,p-Xylenes	0.200	0.1911		mg/Kg		96	70 - 130
o-Xylene	0.100	0.1014		mg/Kg		101	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-124306/2-A

Matrix: Solid

Analysis Batch: 124786

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 124306

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09132		mg/Kg		91	70 - 130	4	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-124306/2-A

Matrix: Solid

Analysis Batch: 124786

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 124306

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
	Added	Result	Qualifier			Limits	RPD	Limit	
Toluene	0.100	0.09373		mg/Kg		94	70 - 130	3	35
Ethylbenzene	0.100	0.09789		mg/Kg		98	70 - 130	3	35
m,p-Xylenes	0.200	0.1977		mg/Kg		99	70 - 130	3	35
o-Xylene	0.100	0.1039		mg/Kg		104	70 - 130	2	35

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-64947-A-1-E MS

Matrix: Solid

Analysis Batch: 124786

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 124306

Analyte	Sample		Spike	MS		Unit	D	%Rec	%Rec	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD
Benzene	<0.00200	U	0.100	0.09655		mg/Kg		97	70 - 130	
Toluene	<0.00200	U	0.100	0.09042		mg/Kg		90	70 - 130	
Ethylbenzene	<0.00200	U	0.100	0.09072		mg/Kg		91	70 - 130	
m,p-Xylenes	<0.00399	U	0.200	0.1793		mg/Kg		90	70 - 130	
o-Xylene	<0.00200	U	0.100	0.09289		mg/Kg		93	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-64947-A-1-F MSD

Matrix: Solid

Analysis Batch: 124786

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 124306

Analyte	Sample		Spike	MSD		Unit	D	%Rec	%Rec		RPD
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.09698		mg/Kg		97	70 - 130	0	35
Toluene	<0.00200	U	0.100	0.09375		mg/Kg		94	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.100	0.09512		mg/Kg		95	70 - 130	5	35
m,p-Xylenes	<0.00399	U	0.200	0.1906		mg/Kg		95	70 - 130	6	35
o-Xylene	<0.00200	U	0.100	0.09757		mg/Kg		98	70 - 130	5	35

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-124314/5-A

Matrix: Solid

Analysis Batch: 124702

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 124314

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:39	11/21/25 15:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:39	11/21/25 15:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:39	11/21/25 15:27	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		11/18/25 11:39	11/21/25 15:27	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-124314/5-A

Matrix: Solid

Analysis Batch: 124702

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 124314

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:39	11/21/25 15:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/18/25 11:39	11/21/25 15:27	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				11/18/25 11:39	11/21/25 15:27	1
1,4-Difluorobenzene (Surr)	93		70 - 130				11/18/25 11:39	11/21/25 15:27	1

Lab Sample ID: LCS 880-124314/1-A

Matrix: Solid

Analysis Batch: 124702

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 124314

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1061		mg/Kg		106	70 - 130
Toluene	0.100	0.1005		mg/Kg		101	70 - 130
Ethylbenzene	0.100	0.1125		mg/Kg		112	70 - 130
m,p-Xylenes	0.200	0.2124		mg/Kg		106	70 - 130
o-Xylene	0.100	0.1083		mg/Kg		108	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	102		70 - 130				
1,4-Difluorobenzene (Surr)	100		70 - 130				

Lab Sample ID: LCSD 880-124314/2-A

Matrix: Solid

Analysis Batch: 124702

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 124314

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1008		mg/Kg		101	70 - 130	5	35
Toluene	0.100	0.08919		mg/Kg		89	70 - 130	12	35
Ethylbenzene	0.100	0.1047		mg/Kg		105	70 - 130	7	35
m,p-Xylenes	0.200	0.1948		mg/Kg		97	70 - 130	9	35
o-Xylene	0.100	0.1015		mg/Kg		102	70 - 130	6	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	98		70 - 130						
1,4-Difluorobenzene (Surr)	99		70 - 130						

Lab Sample ID: 880-65030-1 MS

Matrix: Solid

Analysis Batch: 124702

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

Prep Type: Total/NA

Prep Batch: 124314

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08885		mg/Kg		89	70 - 130
Toluene	<0.00200	U F1	0.100	0.08158		mg/Kg		82	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08875		mg/Kg		89	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1656		mg/Kg		83	70 - 130
o-Xylene	<0.00200	U	0.100	0.08771		mg/Kg		88	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-65030-1 MS

Matrix: Solid

Analysis Batch: 124702

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

Prep Type: Total/NA

Prep Batch: 124314

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-65030-1 MSD

Matrix: Solid

Analysis Batch: 124702

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

Prep Type: Total/NA

Prep Batch: 124314

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.07198		mg/Kg		72	70 - 130	21	35
Toluene	<0.00200	U F1	0.100	0.06742	F1	mg/Kg		67	70 - 130	19	35
Ethylbenzene	<0.00200	U	0.100	0.07521		mg/Kg		75	70 - 130	17	35
m,p-Xylenes	<0.00399	U	0.200	0.1409		mg/Kg		70	70 - 130	16	35
o-Xylene	<0.00200	U	0.100	0.07823		mg/Kg		78	70 - 130	11	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: MB 880-124315/5-A

Matrix: Solid

Analysis Batch: 124616

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 124315

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:44	11/21/25 22:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:44	11/21/25 22:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:44	11/21/25 22:27	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		11/18/25 11:44	11/21/25 22:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:44	11/21/25 22:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/18/25 11:44	11/21/25 22:27	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	105		70 - 130	11/18/25 11:44	11/21/25 22:27	1			
1,4-Difluorobenzene (Surr)	102		70 - 130	11/18/25 11:44	11/21/25 22:27	1			

Lab Sample ID: LCS 880-124315/1-A

Matrix: Solid

Analysis Batch: 124616

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 124315

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09657		mg/Kg		97	70 - 130
Toluene	0.100	0.09660		mg/Kg		97	70 - 130
Ethylbenzene	0.100	0.1045		mg/Kg		105	70 - 130
m,p-Xylenes	0.200	0.2062		mg/Kg		103	70 - 130
o-Xylene	0.100	0.1075		mg/Kg		108	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-124315/1-A

Matrix: Solid

Analysis Batch: 124616

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 124315

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

Lab Sample ID: LCSD 880-124315/2-A

Matrix: Solid

Analysis Batch: 124616

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 124315

	LCS	LCS									
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit		
Benzene	0.100	0.09968		mg/Kg		100	70 - 130	3	35		
Toluene	0.100	0.09973		mg/Kg		100	70 - 130	3	35		
Ethylbenzene	0.100	0.1070		mg/Kg		107	70 - 130	2	35		
m,p-Xylenes	0.200	0.2135		mg/Kg		107	70 - 130	3	35		
o-Xylene	0.100	0.1111		mg/Kg		111	70 - 130	3	35		

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-65030-21 MS

Matrix: Solid

Analysis Batch: 124616

Client Sample ID: T-4 (3')

Prep Type: Total/NA

Prep Batch: 124315

	Sample	Sample	Spike	MS	MS						
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U F1	0.100	0.08124		mg/Kg		81	70 - 130		
Toluene	<0.00200	U F1	0.100	0.08478		mg/Kg		85	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.09466		mg/Kg		95	70 - 130		
m,p-Xylenes	<0.00399	U	0.200	0.1898		mg/Kg		95	70 - 130		
o-Xylene	<0.00200	U	0.100	0.09707		mg/Kg		97	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-65030-21 MSD

Matrix: Solid

Analysis Batch: 124616

Client Sample ID: T-4 (3')

Prep Type: Total/NA

Prep Batch: 124315

	Sample	Sample	Spike	MSD	MSD						
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U F1	0.100	0.06294	F1	mg/Kg		63	70 - 130	25	35
Toluene	<0.00200	U F1	0.100	0.06744	F1	mg/Kg		67	70 - 130	23	35
Ethylbenzene	<0.00200	U	0.100	0.07625		mg/Kg		76	70 - 130	22	35
m,p-Xylenes	<0.00399	U	0.200	0.1568		mg/Kg		78	70 - 130	19	35
o-Xylene	<0.00200	U	0.100	0.07932		mg/Kg		79	70 - 130	20	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-124321/5-A

Matrix: Solid

Analysis Batch: 124613

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 124321

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:47	11/21/25 14:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:47	11/21/25 14:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:47	11/21/25 14:12	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		11/18/25 11:47	11/21/25 14:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:47	11/21/25 14:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/18/25 11:47	11/21/25 14:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	149	S1+	70 - 130	11/18/25 11:47	11/21/25 14:12	1
1,4-Difluorobenzene (Surr)	79		70 - 130	11/18/25 11:47	11/21/25 14:12	1

Lab Sample ID: LCS 880-124321/1-A

Matrix: Solid

Analysis Batch: 124613

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 124321

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1108		mg/Kg		111	70 - 130
Toluene	0.100	0.1065		mg/Kg		106	70 - 130
Ethylbenzene	0.100	0.1139		mg/Kg		114	70 - 130
m,p-Xylenes	0.200	0.2166		mg/Kg		108	70 - 130
o-Xylene	0.100	0.1114		mg/Kg		111	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	151	S1+	70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: LCSD 880-124321/2-A

Matrix: Solid

Analysis Batch: 124613

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 124321

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1095		mg/Kg		109	70 - 130	1	35
Toluene	0.100	0.1073		mg/Kg		107	70 - 130	1	35
Ethylbenzene	0.100	0.1214		mg/Kg		121	70 - 130	6	35
m,p-Xylenes	0.200	0.2207		mg/Kg		110	70 - 130	2	35
o-Xylene	0.100	0.1162		mg/Kg		116	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	166	S1+	70 - 130
1,4-Difluorobenzene (Surr)	82		70 - 130

Lab Sample ID: 880-65030-41 MS

Matrix: Solid

Analysis Batch: 124613

Client Sample ID: T-7 (6')

Prep Type: Total/NA

Prep Batch: 124321

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09264		mg/Kg		93	70 - 130
Toluene	<0.00200	U	0.100	0.08836		mg/Kg		88	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-65030-41 MS

Matrix: Solid

Analysis Batch: 124613

Client Sample ID: T-7 (6')

Prep Type: Total/NA

Prep Batch: 124321

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.1023		mg/Kg		102	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1822		mg/Kg		91	70 - 130
o-Xylene	<0.00200	U	0.100	0.09046		mg/Kg		90	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	154	S1+	70 - 130
1,4-Difluorobenzene (Surr)	82		70 - 130

Lab Sample ID: 880-65030-41 MSD

Matrix: Solid

Analysis Batch: 124613

Client Sample ID: T-7 (6')

Prep Type: Total/NA

Prep Batch: 124321

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09738		mg/Kg		97	70 - 130	5	35
Toluene	<0.00200	U	0.100	0.09228		mg/Kg		92	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.100	0.1030		mg/Kg		103	70 - 130	1	35
m,p-Xylenes	<0.00399	U	0.200	0.1965		mg/Kg		98	70 - 130	8	35
o-Xylene	<0.00200	U	0.100	0.1000		mg/Kg		100	70 - 130	10	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	160	S1+	70 - 130
1,4-Difluorobenzene (Surr)	83		70 - 130

Lab Sample ID: MB 880-124497/5-A

Matrix: Solid

Analysis Batch: 124702

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 124497

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/20/25 09:24	11/22/25 13:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/20/25 09:24	11/22/25 13:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/20/25 09:24	11/22/25 13:21	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		11/20/25 09:24	11/22/25 13:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/20/25 09:24	11/22/25 13:21	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/20/25 09:24	11/22/25 13:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	11/20/25 09:24	11/22/25 13:21	1
1,4-Difluorobenzene (Surr)	94		70 - 130	11/20/25 09:24	11/22/25 13:21	1

Lab Sample ID: MB 880-124648/5-A

Matrix: Solid

Analysis Batch: 124616

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 124648

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/21/25 10:11	11/21/25 11:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/21/25 10:11	11/21/25 11:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/21/25 10:11	11/21/25 11:30	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		11/21/25 10:11	11/21/25 11:30	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-124648/5-A

Matrix: Solid

Analysis Batch: 124616

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 124648

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/21/25 10:11	11/21/25 11:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/21/25 10:11	11/21/25 11:30	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				11/21/25 10:11	11/21/25 11:30	1
1,4-Difluorobenzene (Surr)	101		70 - 130				11/21/25 10:11	11/21/25 11:30	1

Lab Sample ID: MB 880-124739/5-A

Matrix: Solid

Analysis Batch: 124841

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 124739

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/21/25 14:30	11/24/25 11:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/21/25 14:30	11/24/25 11:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/21/25 14:30	11/24/25 11:34	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		11/21/25 14:30	11/24/25 11:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/21/25 14:30	11/24/25 11:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/21/25 14:30	11/24/25 11:34	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				11/21/25 14:30	11/24/25 11:34	1
1,4-Difluorobenzene (Surr)	93		70 - 130				11/21/25 14:30	11/24/25 11:34	1

Lab Sample ID: LCS 880-124739/1-A

Matrix: Solid

Analysis Batch: 124841

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 124739

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08409		mg/Kg		84	70 - 130
Toluene	0.100	0.08452		mg/Kg		85	70 - 130
Ethylbenzene	0.100	0.08796		mg/Kg		88	70 - 130
m,p-Xylenes	0.200	0.1829		mg/Kg		91	70 - 130
o-Xylene	0.100	0.09428		mg/Kg		94	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	103		70 - 130				
1,4-Difluorobenzene (Surr)	93		70 - 130				

Lab Sample ID: LCSD 880-124739/2-A

Matrix: Solid

Analysis Batch: 124841

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 124739

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1022		mg/Kg		102	70 - 130	19	35
Toluene	0.100	0.09210		mg/Kg		92	70 - 130	9	35
Ethylbenzene	0.100	0.1021		mg/Kg		102	70 - 130	15	35
m,p-Xylenes	0.200	0.2142		mg/Kg		107	70 - 130	16	35
o-Xylene	0.100	0.1101		mg/Kg		110	70 - 130	15	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-9103-A-21-E MS

Matrix: Solid

Analysis Batch: 124841

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 124739

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1042		mg/Kg		104	70 - 130
Toluene	<0.00200	U	0.100	0.08824		mg/Kg		88	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08400		mg/Kg		84	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1860		mg/Kg		93	70 - 130
o-Xylene	<0.00200	U	0.100	0.09658		mg/Kg		97	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-9103-A-21-F MSD

Matrix: Solid

Analysis Batch: 124841

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 124739

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.1041		mg/Kg		104	70 - 130	0	35
Toluene	<0.00200	U	0.100	0.08808		mg/Kg		88	70 - 130	0	35
Ethylbenzene	<0.00200	U	0.100	0.09311		mg/Kg		93	70 - 130	10	35
m,p-Xylenes	<0.00399	U	0.200	0.2035		mg/Kg		102	70 - 130	9	35
o-Xylene	<0.00200	U	0.100	0.1055		mg/Kg		105	70 - 130	9	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	126		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: MB 880-124787/5-A

Matrix: Solid

Analysis Batch: 124702

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 124787

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/22/25 12:21	11/23/25 00:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/22/25 12:21	11/23/25 00:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/22/25 12:21	11/23/25 00:17	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		11/22/25 12:21	11/23/25 00:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/22/25 12:21	11/23/25 00:17	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/22/25 12:21	11/23/25 00:17	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	108		70 - 130	11/22/25 12:21	11/23/25 00:17	1			
1,4-Difluorobenzene (Surr)	91		70 - 130	11/22/25 12:21	11/23/25 00:17	1			

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QC Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-124787/1-A

Matrix: Solid

Analysis Batch: 124702

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 124787

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09448		mg/Kg		94	70 - 130
Toluene	0.100	0.08737		mg/Kg		87	70 - 130
Ethylbenzene	0.100	0.09844		mg/Kg		98	70 - 130
m,p-Xylenes	0.200	0.1880		mg/Kg		94	70 - 130
o-Xylene	0.100	0.1002		mg/Kg		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-124787/2-A

Matrix: Solid

Analysis Batch: 124702

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 124787

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09394		mg/Kg		94	70 - 130	1	35
Toluene	0.100	0.09053		mg/Kg		91	70 - 130	4	35
Ethylbenzene	0.100	0.1020		mg/Kg		102	70 - 130	4	35
m,p-Xylenes	0.200	0.1926		mg/Kg		96	70 - 130	2	35
o-Xylene	0.100	0.1031		mg/Kg		103	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

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

Lab Sample ID: MB 880-124119/1-A

Matrix: Solid

Analysis Batch: 124650

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 124119

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/15/25 11:19	11/21/25 19:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/15/25 11:19	11/21/25 19:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/15/25 11:19	11/21/25 19:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130	11/15/25 11:19	11/21/25 19:35	1
o-Terphenyl (Surr)	112		70 - 130	11/15/25 11:19	11/21/25 19:35	1

Lab Sample ID: LCS 880-124119/2-A

Matrix: Solid

Analysis Batch: 124650

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 124119

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	842.0		mg/Kg		84	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-124119/2-A

Matrix: Solid

Analysis Batch: 124650

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 124119

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Diesel Range Organics (Over C10-C28)			1000	938.5		mg/Kg		94	70 - 130		
Surrogate	LCS	LCS									
	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	104		70 - 130								
o-Terphenyl (Surr)	119		70 - 130								

Lab Sample ID: LCSD 880-124119/3-A

Matrix: Solid

Analysis Batch: 124650

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 124119

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	929.7		mg/Kg		93	70 - 130	10	20
Diesel Range Organics (Over C10-C28)			1000	971.7		mg/Kg		97	70 - 130	3	20
			LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	114		70 - 130								
o-Terphenyl (Surr)	125		70 - 130								

Lab Sample ID: 890-9089-A-2-B MS

Matrix: Solid

Analysis Batch: 124650

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 124119

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1085		mg/Kg		108	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	838.0		mg/Kg		82	70 - 130		
								</			

Lab Sample ID: 890-9089-A-2-C MSD

Matrix: Solid

Analysis Batch: 124650

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 124119

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	901.2		mg/Kg		90	70 - 130	18	20
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	813.4		mg/Kg		79	70 - 130	3	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-124126/1-A

Matrix: Solid

Analysis Batch: 124650

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 124126

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/16/25 15:29	11/21/25 08:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/16/25 15:29	11/21/25 08:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/16/25 15:29	11/21/25 08:44	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130				11/16/25 15:29	11/21/25 08:44	1
o-Terphenyl (Surr)	124		70 - 130				11/16/25 15:29	11/21/25 08:44	1

Lab Sample ID: LCS 880-124126/2-A

Matrix: Solid

Analysis Batch: 124650

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 124126

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	755.7		mg/Kg		76	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1170		mg/Kg		117	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane (Surr)	131	S1+	70 - 130				
o-Terphenyl (Surr)	132	S1+	70 - 130				

Lab Sample ID: LCSD 880-124126/3-A

Matrix: Solid

Analysis Batch: 124650

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 124126

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	876.8		mg/Kg		88	70 - 130	15	20
Diesel Range Organics (Over C10-C28)	1000	1092		mg/Kg		109	70 - 130	7	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane (Surr)	148	S1+	70 - 130						
o-Terphenyl (Surr)	131	S1+	70 - 130						

Lab Sample ID: 880-65030-18 MS

Matrix: Solid

Analysis Batch: 124650

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

Prep Type: Total/NA

Prep Batch: 124126

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	212		1000	1197		mg/Kg		99	70 - 130
Diesel Range Organics (Over C10-C28)	96.9	F1	1000	689.0	F1	mg/Kg		59	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-65030-18 MS

Matrix: Solid

Analysis Batch: 124650

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

Prep Type: Total/NA

Prep Batch: 124126

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	103		70 - 130
o-Terphenyl (Surr)	81		70 - 130

Lab Sample ID: 880-65030-18 MSD

Matrix: Solid

Analysis Batch: 124650

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

Prep Type: Total/NA

Prep Batch: 124126

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	212		1000	1229		mg/Kg		102	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	96.9	F1	1000	757.3	F1	mg/Kg		66	70 - 130	9	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	107		70 - 130
o-Terphenyl (Surr)	90		70 - 130

Lab Sample ID: MB 880-124127/1-A

Matrix: Solid

Analysis Batch: 124515

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 124127

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/16/25 15:37	11/20/25 20:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/16/25 15:37	11/20/25 20:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/16/25 15:37	11/20/25 20:08	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane (Surr)	101		70 - 130	11/16/25 15:37	11/20/25 20:08	1			
o-Terphenyl (Surr)	103		70 - 130	11/16/25 15:37	11/20/25 20:08	1			

Lab Sample ID: LCS 880-124127/2-A

Matrix: Solid

Analysis Batch: 124515

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 124127

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	921.8		mg/Kg		92	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1052		mg/Kg		105	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	143	S1+	70 - 130
o-Terphenyl (Surr)	138	S1+	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-124127/3-A

Matrix: Solid

Analysis Batch: 124515

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 124127

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	820.8		mg/Kg		82	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	919.9		mg/Kg		92	70 - 130	13	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane (Surr)	126		70 - 130						
o-Terphenyl (Surr)	120		70 - 130						

Lab Sample ID: 880-65030-38 MS

Matrix: Solid

Analysis Batch: 124515

Client Sample ID: T-7 (3')

Prep Type: Total/NA

Prep Batch: 124127

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	864.6		mg/Kg		86	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	810.2		mg/Kg		81	70 - 130		
Surrogate	%Recovery	MS Qualifier	Limits								
1-Chlorooctane (Surr)	112		70 - 130								
o-Terphenyl (Surr)	115		70 - 130								

Lab Sample ID: 880-65030-38 MSD

Matrix: Solid

Analysis Batch: 124515

Client Sample ID: T-7 (3')

Prep Type: Total/NA

Prep Batch: 124127

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	904.3		mg/Kg		90	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	805.7		mg/Kg		80	70 - 130	1	20
Surrogate	%Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	116		70 - 130								
o-Terphenyl (Surr)	113		70 - 130								

Lab Sample ID: MB 880-124128/1-A

Matrix: Solid

Analysis Batch: 124379

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 124128

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/16/25 15:40	11/19/25 19:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/16/25 15:40	11/19/25 19:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/16/25 15:40	11/19/25 19:20	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-124128/1-A
Matrix: Solid
Analysis Batch: 124379

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 124128

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	110		70 - 130	11/16/25 15:40	11/19/25 19:20	1
o-Terphenyl (Surr)	113		70 - 130	11/16/25 15:40	11/19/25 19:20	1

Lab Sample ID: LCS 880-124128/2-A
Matrix: Solid
Analysis Batch: 124379

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 124128

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1120		mg/Kg		112	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1358	*+	mg/Kg		136	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	168	S1+	70 - 130
o-Terphenyl (Surr)	167	S1+	70 - 130

Lab Sample ID: LCSD 880-124128/3-A
Matrix: Solid
Analysis Batch: 124379

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 124128

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	886.9	*1	mg/Kg		89	70 - 130	23	20
Diesel Range Organics (Over C10-C28)	1000	1052	*1	mg/Kg		105	70 - 130	25	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	136	S1+	70 - 130
o-Terphenyl (Surr)	128		70 - 130

Lab Sample ID: 880-65030-58 MS
Matrix: Solid
Analysis Batch: 124379

Client Sample ID: T-9 (6')
Prep Type: Total/NA
Prep Batch: 124128

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	999	862.3		mg/Kg		86	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U ** *1	999	770.2		mg/Kg		75	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	133	S1+	70 - 130
o-Terphenyl (Surr)	129		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-65030-58 MSD

Matrix: Solid

Analysis Batch: 124379

Client Sample ID: T-9 (6')

Prep Type: Total/NA

Prep Batch: 124128

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	999	895.8		mg/Kg		90	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<49.9	U ** *1	999	811.7		mg/Kg		80	70 - 130	5	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	135	S1+	70 - 130								
o-Terphenyl (Surr)	132	S1+	70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-124219/1-A

Matrix: Solid

Analysis Batch: 124231

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			11/18/25 03:15	1

Lab Sample ID: LCS 880-124219/2-A

Matrix: Solid

Analysis Batch: 124231

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	252.8		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-124219/3-A

Matrix: Solid

Analysis Batch: 124231

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	254.1		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 880-65016-A-9-C MS

Matrix: Solid

Analysis Batch: 124231

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<9.94	U	249	266.2		mg/Kg		106	90 - 110

Lab Sample ID: 880-65016-A-9-D MSD

Matrix: Solid

Analysis Batch: 124231

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<9.94	U	249	267.7		mg/Kg		107	90 - 110	1	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-124221/1-A
Matrix: Solid
Analysis Batch: 124234

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			11/18/25 00:11	1

Lab Sample ID: LCS 880-124221/2-A
Matrix: Solid
Analysis Batch: 124234

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	248.3		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-124221/3-A
Matrix: Solid
Analysis Batch: 124234

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	250.0		mg/Kg		100	90 - 110	1	20

Lab Sample ID: 880-65030-30 MS
Matrix: Solid
Analysis Batch: 124234

Client Sample ID: T-6 (1.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	7860	F1	4980	14120	F1	mg/Kg		126	90 - 110

Lab Sample ID: 880-65030-30 MSD
Matrix: Solid
Analysis Batch: 124234

Client Sample ID: T-6 (1.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7860	F1	4980	14190	F1	mg/Kg		127	90 - 110	1	20

Lab Sample ID: 880-65030-40 MS
Matrix: Solid
Analysis Batch: 124234

Client Sample ID: T-7 (5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	270		250	511.9		mg/Kg		97	90 - 110

Lab Sample ID: 880-65030-40 MSD
Matrix: Solid
Analysis Batch: 124234

Client Sample ID: T-7 (5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	270		250	513.1		mg/Kg		97	90 - 110	0	20

Lab Sample ID: MB 880-124220/1-A
Matrix: Solid
Analysis Batch: 124235

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			11/17/25 23:58	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-124220/2-A
Matrix: Solid
Analysis Batch: 124235

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	232.1		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-124220/3-A
Matrix: Solid
Analysis Batch: 124235

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	228.7		mg/Kg		91	90 - 110	1	20

Lab Sample ID: 880-65030-10 MS
Matrix: Solid
Analysis Batch: 124235

Client Sample ID: T-2 (3')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2570	F1	2520	5488	F1	mg/Kg		116	90 - 110

Lab Sample ID: 880-65030-10 MSD
Matrix: Solid
Analysis Batch: 124235

Client Sample ID: T-2 (3')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2570	F1	2520	5460	F1	mg/Kg		115	90 - 110	1	20

Lab Sample ID: 880-65030-20 MS
Matrix: Solid
Analysis Batch: 124235

Client Sample ID: T-4 (2')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	4570		5040	9814		mg/Kg		104	90 - 110

Lab Sample ID: 880-65030-20 MSD
Matrix: Solid
Analysis Batch: 124235

Client Sample ID: T-4 (2')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4570		5040	9780		mg/Kg		103	90 - 110	0	20

Lab Sample ID: MB 880-124222/1-A
Matrix: Solid
Analysis Batch: 124236

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			11/18/25 20:36	1

Lab Sample ID: LCS 880-124222/2-A
Matrix: Solid
Analysis Batch: 124236

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	225.7		mg/Kg		90	90 - 110

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QC Sample Results

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-124222/3-A

Matrix: Solid

Analysis Batch: 124236

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	226.7		mg/Kg		91	90 - 110	0	20

Lab Sample ID: 880-65030-50 MS

Matrix: Solid

Analysis Batch: 124236

Client Sample ID: T-8 (8')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	30.9		252	278.9		mg/Kg		98	90 - 110		

Lab Sample ID: 880-65030-50 MSD

Matrix: Solid

Analysis Batch: 124236

Client Sample ID: T-8 (8')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	30.9		252	278.8		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-65030-60 MS

Matrix: Solid

Analysis Batch: 124236

Client Sample ID: T-9 (8')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	34.9		249	280.4		mg/Kg		99	90 - 110		

Lab Sample ID: 880-65030-60 MSD

Matrix: Solid

Analysis Batch: 124236

Client Sample ID: T-9 (8')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	34.9		249	279.8		mg/Kg		98	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 124305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-124305/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 124306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-39	T-7 (4')	Total/NA	Solid	5035	
880-65030-61	T-9 (9')	Total/NA	Solid	5035	
MB 880-124306/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-124306/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-124306/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-64947-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
880-64947-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 124314

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-1	T-1 (0-1')	Total/NA	Solid	5035	
880-65030-2	T-1 (1.5')	Total/NA	Solid	5035	
880-65030-3	T-1 (2')	Total/NA	Solid	5035	
880-65030-4	T-1 (3')	Total/NA	Solid	5035	
880-65030-5	T-1 (4')	Total/NA	Solid	5035	
880-65030-6	T-1 (5')	Total/NA	Solid	5035	
880-65030-7	T-2 (0-1')	Total/NA	Solid	5035	
880-65030-8	T-2 (1.5')	Total/NA	Solid	5035	
880-65030-9	T-2 (2')	Total/NA	Solid	5035	
880-65030-10	T-2 (3')	Total/NA	Solid	5035	
880-65030-11	T-2 (4')	Total/NA	Solid	5035	
880-65030-12	T-2 (5')	Total/NA	Solid	5035	
880-65030-13	T-3 (0-1')	Total/NA	Solid	5035	
880-65030-14	T-3 (1.5')	Total/NA	Solid	5035	
880-65030-15	T-3 (2')	Total/NA	Solid	5035	
880-65030-16	T-3 (3')	Total/NA	Solid	5035	
880-65030-17	T-3 (4')	Total/NA	Solid	5035	
880-65030-18	T-4 (0-1')	Total/NA	Solid	5035	
880-65030-19	T-4 (1.5')	Total/NA	Solid	5035	
880-65030-20	T-4 (2')	Total/NA	Solid	5035	
MB 880-124314/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-124314/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-124314/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-65030-1 MS	T-1 (0-1')	Total/NA	Solid	5035	
880-65030-1 MSD	T-1 (0-1')	Total/NA	Solid	5035	

Prep Batch: 124315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-21	T-4 (3')	Total/NA	Solid	5035	
880-65030-22	T-4 (4')	Total/NA	Solid	5035	
880-65030-23	T-5 (0-1')	Total/NA	Solid	5035	
880-65030-24	T-5 (1.5')	Total/NA	Solid	5035	
880-65030-25	T-5 (2')	Total/NA	Solid	5035	
880-65030-26	T-5 (3')	Total/NA	Solid	5035	
880-65030-27	T-5 (4')	Total/NA	Solid	5035	
880-65030-28	T-5 (5')	Total/NA	Solid	5035	
880-65030-29	T-6 (0-1')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Prep Batch: 124315 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-124315/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-124315/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-124315/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-65030-21 MS	T-4 (3')	Total/NA	Solid	5035	
880-65030-21 MSD	T-4 (3')	Total/NA	Solid	5035	

Prep Batch: 124321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-41	T-7 (6')	Total/NA	Solid	5035	
880-65030-42	T-8 (0-1')	Total/NA	Solid	5035	
880-65030-43	T-8 (1.5')	Total/NA	Solid	5035	
880-65030-44	T-8 (2')	Total/NA	Solid	5035	
880-65030-45	T-8 (3')	Total/NA	Solid	5035	
880-65030-46	T-8 (4')	Total/NA	Solid	5035	
880-65030-47	T-8 (5')	Total/NA	Solid	5035	
880-65030-48	T-8 (6')	Total/NA	Solid	5035	
880-65030-49	T-8 (7')	Total/NA	Solid	5035	
880-65030-50	T-8 (8')	Total/NA	Solid	5035	
880-65030-51	T-8 (9')	Total/NA	Solid	5035	
880-65030-52	T-9 (0-1')	Total/NA	Solid	5035	
880-65030-53	T-9 (1.5')	Total/NA	Solid	5035	
880-65030-54	T-9 (2')	Total/NA	Solid	5035	
880-65030-55	T-9 (3')	Total/NA	Solid	5035	
880-65030-56	T-9 (4')	Total/NA	Solid	5035	
880-65030-57	T-9 (5')	Total/NA	Solid	5035	
880-65030-58	T-9 (6')	Total/NA	Solid	5035	
880-65030-59	T-9 (7')	Total/NA	Solid	5035	
880-65030-60	T-9 (8')	Total/NA	Solid	5035	
MB 880-124321/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-124321/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-124321/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-65030-41 MS	T-7 (6')	Total/NA	Solid	5035	
880-65030-41 MSD	T-7 (6')	Total/NA	Solid	5035	

Prep Batch: 124497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-124497/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 124613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-41	T-7 (6')	Total/NA	Solid	8021B	124321
880-65030-42	T-8 (0-1')	Total/NA	Solid	8021B	124321
880-65030-43	T-8 (1.5')	Total/NA	Solid	8021B	124321
880-65030-44	T-8 (2')	Total/NA	Solid	8021B	124321
880-65030-45	T-8 (3')	Total/NA	Solid	8021B	124321
880-65030-46	T-8 (4')	Total/NA	Solid	8021B	124321
880-65030-47	T-8 (5')	Total/NA	Solid	8021B	124321
880-65030-48	T-8 (6')	Total/NA	Solid	8021B	124321
880-65030-49	T-8 (7')	Total/NA	Solid	8021B	124321
880-65030-50	T-8 (8')	Total/NA	Solid	8021B	124321
880-65030-51	T-8 (9')	Total/NA	Solid	8021B	124321

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QC Association Summary

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 124613 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-52	T-9 (0-1')	Total/NA	Solid	8021B	124321
880-65030-53	T-9 (1.5')	Total/NA	Solid	8021B	124321
880-65030-54	T-9 (2')	Total/NA	Solid	8021B	124321
880-65030-55	T-9 (3')	Total/NA	Solid	8021B	124321
880-65030-56	T-9 (4')	Total/NA	Solid	8021B	124321
880-65030-57	T-9 (5')	Total/NA	Solid	8021B	124321
880-65030-58	T-9 (6')	Total/NA	Solid	8021B	124321
880-65030-59	T-9 (7')	Total/NA	Solid	8021B	124321
880-65030-60	T-9 (8')	Total/NA	Solid	8021B	124321
MB 880-124321/5-A	Method Blank	Total/NA	Solid	8021B	124321
LCS 880-124321/1-A	Lab Control Sample	Total/NA	Solid	8021B	124321
LCSD 880-124321/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	124321
880-65030-41 MS	T-7 (6')	Total/NA	Solid	8021B	124321
880-65030-41 MSD	T-7 (6')	Total/NA	Solid	8021B	124321

Analysis Batch: 124616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-21	T-4 (3')	Total/NA	Solid	8021B	124315
880-65030-22	T-4 (4')	Total/NA	Solid	8021B	124315
880-65030-23	T-5 (0-1')	Total/NA	Solid	8021B	124315
880-65030-24	T-5 (1.5')	Total/NA	Solid	8021B	124315
880-65030-25	T-5 (2')	Total/NA	Solid	8021B	124315
880-65030-26	T-5 (3')	Total/NA	Solid	8021B	124315
880-65030-27	T-5 (4')	Total/NA	Solid	8021B	124315
880-65030-28	T-5 (5')	Total/NA	Solid	8021B	124315
880-65030-29	T-6 (0-1')	Total/NA	Solid	8021B	124315
MB 880-124315/5-A	Method Blank	Total/NA	Solid	8021B	124315
MB 880-124648/5-A	Method Blank	Total/NA	Solid	8021B	124648
LCS 880-124315/1-A	Lab Control Sample	Total/NA	Solid	8021B	124315
LCSD 880-124315/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	124315
880-65030-21 MS	T-4 (3')	Total/NA	Solid	8021B	124315
880-65030-21 MSD	T-4 (3')	Total/NA	Solid	8021B	124315

Prep Batch: 124648

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-124648/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 124702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-1	T-1 (0-1')	Total/NA	Solid	8021B	124314
880-65030-2	T-1 (1.5')	Total/NA	Solid	8021B	124314
880-65030-3	T-1 (2')	Total/NA	Solid	8021B	124314
880-65030-4	T-1 (3')	Total/NA	Solid	8021B	124314
880-65030-5	T-1 (4')	Total/NA	Solid	8021B	124314
880-65030-6	T-1 (5')	Total/NA	Solid	8021B	124314
880-65030-7	T-2 (0-1')	Total/NA	Solid	8021B	124314
880-65030-8	T-2 (1.5')	Total/NA	Solid	8021B	124314
880-65030-9	T-2 (2')	Total/NA	Solid	8021B	124314
880-65030-10	T-2 (3')	Total/NA	Solid	8021B	124314
880-65030-11	T-2 (4')	Total/NA	Solid	8021B	124314
880-65030-12	T-2 (5')	Total/NA	Solid	8021B	124314

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QC Association Summary

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 124702 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-13	T-3 (0-1')	Total/NA	Solid	8021B	124314
880-65030-14	T-3 (1.5')	Total/NA	Solid	8021B	124314
880-65030-15	T-3 (2')	Total/NA	Solid	8021B	124314
880-65030-16	T-3 (3')	Total/NA	Solid	8021B	124314
880-65030-17	T-3 (4')	Total/NA	Solid	8021B	124314
880-65030-18	T-4 (0-1')	Total/NA	Solid	8021B	124314
880-65030-19	T-4 (1.5')	Total/NA	Solid	8021B	124314
880-65030-20	T-4 (2')	Total/NA	Solid	8021B	124314
880-65030-30	T-6 (1.5')	Total/NA	Solid	8021B	124787
880-65030-31	T-6 (2')	Total/NA	Solid	8021B	124787
880-65030-32	T-6 (3')	Total/NA	Solid	8021B	124787
880-65030-33	T-6 (4')	Total/NA	Solid	8021B	124787
880-65030-34	T-6 (5')	Total/NA	Solid	8021B	124787
880-65030-35	T-7 (0-1')	Total/NA	Solid	8021B	124787
880-65030-36	T-7 (1.5')	Total/NA	Solid	8021B	124787
880-65030-37	T-7 (2')	Total/NA	Solid	8021B	124787
880-65030-38	T-7 (3')	Total/NA	Solid	8021B	124787
MB 880-124314/5-A	Method Blank	Total/NA	Solid	8021B	124314
MB 880-124497/5-A	Method Blank	Total/NA	Solid	8021B	124497
MB 880-124787/5-A	Method Blank	Total/NA	Solid	8021B	124787
LCS 880-124314/1-A	Lab Control Sample	Total/NA	Solid	8021B	124314
LCS 880-124787/1-A	Lab Control Sample	Total/NA	Solid	8021B	124787
LCSD 880-124314/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	124314
LCSD 880-124787/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	124787
880-65030-1 MS	T-1 (0-1')	Total/NA	Solid	8021B	124314
880-65030-1 MSD	T-1 (0-1')	Total/NA	Solid	8021B	124314

Prep Batch: 124739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-40	T-7 (5')	Total/NA	Solid	5035	
MB 880-124739/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-124739/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-124739/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9103-A-21-E MS	Matrix Spike	Total/NA	Solid	5035	
890-9103-A-21-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 124786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-39	T-7 (4')	Total/NA	Solid	8021B	124306
880-65030-61	T-9 (9')	Total/NA	Solid	8021B	124306
MB 880-124305/5-A	Method Blank	Total/NA	Solid	8021B	124305
MB 880-124306/5-A	Method Blank	Total/NA	Solid	8021B	124306
LCS 880-124306/1-A	Lab Control Sample	Total/NA	Solid	8021B	124306
LCSD 880-124306/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	124306
880-64947-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	124306
880-64947-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	124306

Prep Batch: 124787

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-30	T-6 (1.5')	Total/NA	Solid	5035	
880-65030-31	T-6 (2')	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Prep Batch: 124787 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-32	T-6 (3')	Total/NA	Solid	5035	
880-65030-33	T-6 (4')	Total/NA	Solid	5035	
880-65030-34	T-6 (5')	Total/NA	Solid	5035	
880-65030-35	T-7 (0-1')	Total/NA	Solid	5035	
880-65030-36	T-7 (1.5')	Total/NA	Solid	5035	
880-65030-37	T-7 (2')	Total/NA	Solid	5035	
880-65030-38	T-7 (3')	Total/NA	Solid	5035	
MB 880-124787/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-124787/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-124787/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 124841

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-40	T-7 (5')	Total/NA	Solid	8021B	124739
MB 880-124739/5-A	Method Blank	Total/NA	Solid	8021B	124739
LCS 880-124739/1-A	Lab Control Sample	Total/NA	Solid	8021B	124739
LCSD 880-124739/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	124739
890-9103-A-21-E MS	Matrix Spike	Total/NA	Solid	8021B	124739
890-9103-A-21-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	124739

Analysis Batch: 124885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-1	T-1 (0-1')	Total/NA	Solid	Total BTEX	
880-65030-2	T-1 (1.5')	Total/NA	Solid	Total BTEX	
880-65030-3	T-1 (2')	Total/NA	Solid	Total BTEX	
880-65030-4	T-1 (3')	Total/NA	Solid	Total BTEX	
880-65030-5	T-1 (4')	Total/NA	Solid	Total BTEX	
880-65030-6	T-1 (5')	Total/NA	Solid	Total BTEX	
880-65030-7	T-2 (0-1')	Total/NA	Solid	Total BTEX	
880-65030-8	T-2 (1.5')	Total/NA	Solid	Total BTEX	
880-65030-9	T-2 (2')	Total/NA	Solid	Total BTEX	
880-65030-10	T-2 (3')	Total/NA	Solid	Total BTEX	
880-65030-11	T-2 (4')	Total/NA	Solid	Total BTEX	
880-65030-12	T-2 (5')	Total/NA	Solid	Total BTEX	
880-65030-13	T-3 (0-1')	Total/NA	Solid	Total BTEX	
880-65030-14	T-3 (1.5')	Total/NA	Solid	Total BTEX	
880-65030-15	T-3 (2')	Total/NA	Solid	Total BTEX	
880-65030-16	T-3 (3')	Total/NA	Solid	Total BTEX	
880-65030-17	T-3 (4')	Total/NA	Solid	Total BTEX	
880-65030-18	T-4 (0-1')	Total/NA	Solid	Total BTEX	
880-65030-19	T-4 (1.5')	Total/NA	Solid	Total BTEX	
880-65030-20	T-4 (2')	Total/NA	Solid	Total BTEX	
880-65030-21	T-4 (3')	Total/NA	Solid	Total BTEX	
880-65030-22	T-4 (4')	Total/NA	Solid	Total BTEX	
880-65030-23	T-5 (0-1')	Total/NA	Solid	Total BTEX	
880-65030-24	T-5 (1.5')	Total/NA	Solid	Total BTEX	
880-65030-25	T-5 (2')	Total/NA	Solid	Total BTEX	
880-65030-26	T-5 (3')	Total/NA	Solid	Total BTEX	
880-65030-27	T-5 (4')	Total/NA	Solid	Total BTEX	
880-65030-28	T-5 (5')	Total/NA	Solid	Total BTEX	
880-65030-29	T-6 (0-1')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 124885 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-30	T-6 (1.5')	Total/NA	Solid	Total BTEX	
880-65030-31	T-6 (2')	Total/NA	Solid	Total BTEX	
880-65030-32	T-6 (3')	Total/NA	Solid	Total BTEX	
880-65030-33	T-6 (4')	Total/NA	Solid	Total BTEX	
880-65030-34	T-6 (5')	Total/NA	Solid	Total BTEX	
880-65030-35	T-7 (0-1')	Total/NA	Solid	Total BTEX	
880-65030-36	T-7 (1.5')	Total/NA	Solid	Total BTEX	
880-65030-37	T-7 (2')	Total/NA	Solid	Total BTEX	
880-65030-38	T-7 (3')	Total/NA	Solid	Total BTEX	
880-65030-39	T-7 (4')	Total/NA	Solid	Total BTEX	
880-65030-40	T-7 (5')	Total/NA	Solid	Total BTEX	
880-65030-41	T-7 (6')	Total/NA	Solid	Total BTEX	
880-65030-42	T-8 (0-1')	Total/NA	Solid	Total BTEX	
880-65030-43	T-8 (1.5')	Total/NA	Solid	Total BTEX	
880-65030-44	T-8 (2')	Total/NA	Solid	Total BTEX	
880-65030-45	T-8 (3')	Total/NA	Solid	Total BTEX	
880-65030-46	T-8 (4')	Total/NA	Solid	Total BTEX	
880-65030-47	T-8 (5')	Total/NA	Solid	Total BTEX	
880-65030-48	T-8 (6')	Total/NA	Solid	Total BTEX	
880-65030-49	T-8 (7')	Total/NA	Solid	Total BTEX	
880-65030-50	T-8 (8')	Total/NA	Solid	Total BTEX	
880-65030-51	T-8 (9')	Total/NA	Solid	Total BTEX	
880-65030-52	T-9 (0-1')	Total/NA	Solid	Total BTEX	
880-65030-53	T-9 (1.5')	Total/NA	Solid	Total BTEX	
880-65030-54	T-9 (2')	Total/NA	Solid	Total BTEX	
880-65030-55	T-9 (3')	Total/NA	Solid	Total BTEX	
880-65030-56	T-9 (4')	Total/NA	Solid	Total BTEX	
880-65030-57	T-9 (5')	Total/NA	Solid	Total BTEX	
880-65030-58	T-9 (6')	Total/NA	Solid	Total BTEX	
880-65030-59	T-9 (7')	Total/NA	Solid	Total BTEX	
880-65030-60	T-9 (8')	Total/NA	Solid	Total BTEX	
880-65030-61	T-9 (9')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 124119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-1	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-65030-2	T-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-65030-3	T-1 (2')	Total/NA	Solid	8015NM Prep	
880-65030-4	T-1 (3')	Total/NA	Solid	8015NM Prep	
880-65030-5	T-1 (4')	Total/NA	Solid	8015NM Prep	
880-65030-6	T-1 (5')	Total/NA	Solid	8015NM Prep	
880-65030-7	T-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-65030-8	T-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-65030-9	T-2 (2')	Total/NA	Solid	8015NM Prep	
880-65030-10	T-2 (3')	Total/NA	Solid	8015NM Prep	
880-65030-11	T-2 (4')	Total/NA	Solid	8015NM Prep	
880-65030-12	T-2 (5')	Total/NA	Solid	8015NM Prep	
880-65030-13	T-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-65030-14	T-3 (1.5')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 124119 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-15	T-3 (2')	Total/NA	Solid	8015NM Prep	
880-65030-16	T-3 (3')	Total/NA	Solid	8015NM Prep	
880-65030-17	T-3 (4')	Total/NA	Solid	8015NM Prep	
MB 880-124119/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-124119/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-124119/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9089-A-2-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9089-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 124126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-18	T-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-65030-19	T-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-65030-20	T-4 (2')	Total/NA	Solid	8015NM Prep	
880-65030-21	T-4 (3')	Total/NA	Solid	8015NM Prep	
880-65030-22	T-4 (4')	Total/NA	Solid	8015NM Prep	
880-65030-23	T-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-65030-24	T-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-65030-25	T-5 (2')	Total/NA	Solid	8015NM Prep	
880-65030-26	T-5 (3')	Total/NA	Solid	8015NM Prep	
880-65030-27	T-5 (4')	Total/NA	Solid	8015NM Prep	
880-65030-28	T-5 (5')	Total/NA	Solid	8015NM Prep	
880-65030-29	T-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-65030-30	T-6 (1.5')	Total/NA	Solid	8015NM Prep	
880-65030-31	T-6 (2')	Total/NA	Solid	8015NM Prep	
880-65030-32	T-6 (3')	Total/NA	Solid	8015NM Prep	
880-65030-33	T-6 (4')	Total/NA	Solid	8015NM Prep	
880-65030-34	T-6 (5')	Total/NA	Solid	8015NM Prep	
880-65030-35	T-7 (0-1')	Total/NA	Solid	8015NM Prep	
880-65030-36	T-7 (1.5')	Total/NA	Solid	8015NM Prep	
880-65030-37	T-7 (2')	Total/NA	Solid	8015NM Prep	
MB 880-124126/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-124126/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-124126/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-65030-18 MS	T-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-65030-18 MSD	T-4 (0-1')	Total/NA	Solid	8015NM Prep	

Prep Batch: 124127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-38	T-7 (3')	Total/NA	Solid	8015NM Prep	
880-65030-39	T-7 (4')	Total/NA	Solid	8015NM Prep	
880-65030-40	T-7 (5')	Total/NA	Solid	8015NM Prep	
880-65030-41	T-7 (6')	Total/NA	Solid	8015NM Prep	
880-65030-42	T-8 (0-1')	Total/NA	Solid	8015NM Prep	
880-65030-43	T-8 (1.5')	Total/NA	Solid	8015NM Prep	
880-65030-44	T-8 (2')	Total/NA	Solid	8015NM Prep	
880-65030-45	T-8 (3')	Total/NA	Solid	8015NM Prep	
880-65030-46	T-8 (4')	Total/NA	Solid	8015NM Prep	
880-65030-47	T-8 (5')	Total/NA	Solid	8015NM Prep	
880-65030-48	T-8 (6')	Total/NA	Solid	8015NM Prep	
880-65030-49	T-8 (7')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 124127 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-50	T-8 (8')	Total/NA	Solid	8015NM Prep	
880-65030-51	T-8 (9')	Total/NA	Solid	8015NM Prep	
880-65030-52	T-9 (0-1')	Total/NA	Solid	8015NM Prep	
880-65030-53	T-9 (1.5')	Total/NA	Solid	8015NM Prep	
880-65030-54	T-9 (2')	Total/NA	Solid	8015NM Prep	
880-65030-55	T-9 (3')	Total/NA	Solid	8015NM Prep	
880-65030-56	T-9 (4')	Total/NA	Solid	8015NM Prep	
880-65030-57	T-9 (5')	Total/NA	Solid	8015NM Prep	
MB 880-124127/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-124127/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-124127/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-65030-38 MS	T-7 (3')	Total/NA	Solid	8015NM Prep	
880-65030-38 MSD	T-7 (3')	Total/NA	Solid	8015NM Prep	

Prep Batch: 124128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-58	T-9 (6')	Total/NA	Solid	8015NM Prep	
880-65030-59	T-9 (7')	Total/NA	Solid	8015NM Prep	
880-65030-60	T-9 (8')	Total/NA	Solid	8015NM Prep	
880-65030-61	T-9 (9')	Total/NA	Solid	8015NM Prep	
MB 880-124128/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-124128/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-124128/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-65030-58 MS	T-9 (6')	Total/NA	Solid	8015NM Prep	
880-65030-58 MSD	T-9 (6')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 124379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-58	T-9 (6')	Total/NA	Solid	8015B NM	124128
880-65030-59	T-9 (7')	Total/NA	Solid	8015B NM	124128
880-65030-60	T-9 (8')	Total/NA	Solid	8015B NM	124128
880-65030-61	T-9 (9')	Total/NA	Solid	8015B NM	124128
MB 880-124128/1-A	Method Blank	Total/NA	Solid	8015B NM	124128
LCS 880-124128/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	124128
LCSD 880-124128/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	124128
880-65030-58 MS	T-9 (6')	Total/NA	Solid	8015B NM	124128
880-65030-58 MSD	T-9 (6')	Total/NA	Solid	8015B NM	124128

Analysis Batch: 124508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-1	T-1 (0-1')	Total/NA	Solid	8015 NM	
880-65030-2	T-1 (1.5')	Total/NA	Solid	8015 NM	
880-65030-3	T-1 (2')	Total/NA	Solid	8015 NM	
880-65030-4	T-1 (3')	Total/NA	Solid	8015 NM	
880-65030-5	T-1 (4')	Total/NA	Solid	8015 NM	
880-65030-6	T-1 (5')	Total/NA	Solid	8015 NM	
880-65030-7	T-2 (0-1')	Total/NA	Solid	8015 NM	
880-65030-8	T-2 (1.5')	Total/NA	Solid	8015 NM	
880-65030-9	T-2 (2')	Total/NA	Solid	8015 NM	
880-65030-10	T-2 (3')	Total/NA	Solid	8015 NM	
880-65030-11	T-2 (4')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 124508 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-12	T-2 (5')	Total/NA	Solid	8015 NM	
880-65030-13	T-3 (0-1')	Total/NA	Solid	8015 NM	
880-65030-14	T-3 (1.5')	Total/NA	Solid	8015 NM	
880-65030-15	T-3 (2')	Total/NA	Solid	8015 NM	
880-65030-16	T-3 (3')	Total/NA	Solid	8015 NM	
880-65030-17	T-3 (4')	Total/NA	Solid	8015 NM	
880-65030-18	T-4 (0-1')	Total/NA	Solid	8015 NM	
880-65030-19	T-4 (1.5')	Total/NA	Solid	8015 NM	
880-65030-20	T-4 (2')	Total/NA	Solid	8015 NM	
880-65030-21	T-4 (3')	Total/NA	Solid	8015 NM	
880-65030-22	T-4 (4')	Total/NA	Solid	8015 NM	
880-65030-23	T-5 (0-1')	Total/NA	Solid	8015 NM	
880-65030-24	T-5 (1.5')	Total/NA	Solid	8015 NM	
880-65030-25	T-5 (2')	Total/NA	Solid	8015 NM	
880-65030-26	T-5 (3')	Total/NA	Solid	8015 NM	
880-65030-27	T-5 (4')	Total/NA	Solid	8015 NM	
880-65030-28	T-5 (5')	Total/NA	Solid	8015 NM	
880-65030-29	T-6 (0-1')	Total/NA	Solid	8015 NM	
880-65030-30	T-6 (1.5')	Total/NA	Solid	8015 NM	
880-65030-31	T-6 (2')	Total/NA	Solid	8015 NM	
880-65030-32	T-6 (3')	Total/NA	Solid	8015 NM	
880-65030-33	T-6 (4')	Total/NA	Solid	8015 NM	
880-65030-34	T-6 (5')	Total/NA	Solid	8015 NM	
880-65030-35	T-7 (0-1')	Total/NA	Solid	8015 NM	
880-65030-36	T-7 (1.5')	Total/NA	Solid	8015 NM	
880-65030-37	T-7 (2')	Total/NA	Solid	8015 NM	
880-65030-38	T-7 (3')	Total/NA	Solid	8015 NM	
880-65030-39	T-7 (4')	Total/NA	Solid	8015 NM	
880-65030-40	T-7 (5')	Total/NA	Solid	8015 NM	
880-65030-41	T-7 (6')	Total/NA	Solid	8015 NM	
880-65030-42	T-8 (0-1')	Total/NA	Solid	8015 NM	
880-65030-43	T-8 (1.5')	Total/NA	Solid	8015 NM	
880-65030-44	T-8 (2')	Total/NA	Solid	8015 NM	
880-65030-45	T-8 (3')	Total/NA	Solid	8015 NM	
880-65030-46	T-8 (4')	Total/NA	Solid	8015 NM	
880-65030-47	T-8 (5')	Total/NA	Solid	8015 NM	
880-65030-48	T-8 (6')	Total/NA	Solid	8015 NM	
880-65030-49	T-8 (7')	Total/NA	Solid	8015 NM	
880-65030-50	T-8 (8')	Total/NA	Solid	8015 NM	
880-65030-51	T-8 (9')	Total/NA	Solid	8015 NM	
880-65030-52	T-9 (0-1')	Total/NA	Solid	8015 NM	
880-65030-53	T-9 (1.5')	Total/NA	Solid	8015 NM	
880-65030-54	T-9 (2')	Total/NA	Solid	8015 NM	
880-65030-55	T-9 (3')	Total/NA	Solid	8015 NM	
880-65030-56	T-9 (4')	Total/NA	Solid	8015 NM	
880-65030-57	T-9 (5')	Total/NA	Solid	8015 NM	
880-65030-58	T-9 (6')	Total/NA	Solid	8015 NM	
880-65030-59	T-9 (7')	Total/NA	Solid	8015 NM	
880-65030-60	T-9 (8')	Total/NA	Solid	8015 NM	
880-65030-61	T-9 (9')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

GC Semi VOA

Analysis Batch: 124515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-38	T-7 (3')	Total/NA	Solid	8015B NM	124127
880-65030-39	T-7 (4')	Total/NA	Solid	8015B NM	124127
880-65030-40	T-7 (5')	Total/NA	Solid	8015B NM	124127
880-65030-41	T-7 (6')	Total/NA	Solid	8015B NM	124127
880-65030-42	T-8 (0-1')	Total/NA	Solid	8015B NM	124127
880-65030-43	T-8 (1.5')	Total/NA	Solid	8015B NM	124127
880-65030-44	T-8 (2')	Total/NA	Solid	8015B NM	124127
880-65030-45	T-8 (3')	Total/NA	Solid	8015B NM	124127
880-65030-46	T-8 (4')	Total/NA	Solid	8015B NM	124127
880-65030-47	T-8 (5')	Total/NA	Solid	8015B NM	124127
880-65030-48	T-8 (6')	Total/NA	Solid	8015B NM	124127
880-65030-49	T-8 (7')	Total/NA	Solid	8015B NM	124127
880-65030-50	T-8 (8')	Total/NA	Solid	8015B NM	124127
880-65030-51	T-8 (9')	Total/NA	Solid	8015B NM	124127
880-65030-52	T-9 (0-1')	Total/NA	Solid	8015B NM	124127
880-65030-53	T-9 (1.5')	Total/NA	Solid	8015B NM	124127
880-65030-54	T-9 (2')	Total/NA	Solid	8015B NM	124127
880-65030-55	T-9 (3')	Total/NA	Solid	8015B NM	124127
880-65030-56	T-9 (4')	Total/NA	Solid	8015B NM	124127
880-65030-57	T-9 (5')	Total/NA	Solid	8015B NM	124127
MB 880-124127/1-A	Method Blank	Total/NA	Solid	8015B NM	124127
LCS 880-124127/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	124127
LCSD 880-124127/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	124127
880-65030-38 MS	T-7 (3')	Total/NA	Solid	8015B NM	124127
880-65030-38 MSD	T-7 (3')	Total/NA	Solid	8015B NM	124127

Analysis Batch: 124650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-1	T-1 (0-1')	Total/NA	Solid	8015B NM	124119
880-65030-2	T-1 (1.5')	Total/NA	Solid	8015B NM	124119
880-65030-3	T-1 (2')	Total/NA	Solid	8015B NM	124119
880-65030-4	T-1 (3')	Total/NA	Solid	8015B NM	124119
880-65030-5	T-1 (4')	Total/NA	Solid	8015B NM	124119
880-65030-6	T-1 (5')	Total/NA	Solid	8015B NM	124119
880-65030-7	T-2 (0-1')	Total/NA	Solid	8015B NM	124119
880-65030-8	T-2 (1.5')	Total/NA	Solid	8015B NM	124119
880-65030-9	T-2 (2')	Total/NA	Solid	8015B NM	124119
880-65030-10	T-2 (3')	Total/NA	Solid	8015B NM	124119
880-65030-11	T-2 (4')	Total/NA	Solid	8015B NM	124119
880-65030-12	T-2 (5')	Total/NA	Solid	8015B NM	124119
880-65030-13	T-3 (0-1')	Total/NA	Solid	8015B NM	124119
880-65030-14	T-3 (1.5')	Total/NA	Solid	8015B NM	124119
880-65030-15	T-3 (2')	Total/NA	Solid	8015B NM	124119
880-65030-16	T-3 (3')	Total/NA	Solid	8015B NM	124119
880-65030-17	T-3 (4')	Total/NA	Solid	8015B NM	124119
880-65030-18	T-4 (0-1')	Total/NA	Solid	8015B NM	124126
880-65030-19	T-4 (1.5')	Total/NA	Solid	8015B NM	124126
880-65030-20	T-4 (2')	Total/NA	Solid	8015B NM	124126
880-65030-21	T-4 (3')	Total/NA	Solid	8015B NM	124126
880-65030-22	T-4 (4')	Total/NA	Solid	8015B NM	124126
880-65030-23	T-5 (0-1')	Total/NA	Solid	8015B NM	124126

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 124650 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-24	T-5 (1.5')	Total/NA	Solid	8015B NM	124126
880-65030-25	T-5 (2')	Total/NA	Solid	8015B NM	124126
880-65030-26	T-5 (3')	Total/NA	Solid	8015B NM	124126
880-65030-27	T-5 (4')	Total/NA	Solid	8015B NM	124126
880-65030-28	T-5 (5')	Total/NA	Solid	8015B NM	124126
880-65030-29	T-6 (0-1')	Total/NA	Solid	8015B NM	124126
880-65030-30	T-6 (1.5')	Total/NA	Solid	8015B NM	124126
880-65030-31	T-6 (2')	Total/NA	Solid	8015B NM	124126
880-65030-32	T-6 (3')	Total/NA	Solid	8015B NM	124126
880-65030-33	T-6 (4')	Total/NA	Solid	8015B NM	124126
880-65030-34	T-6 (5')	Total/NA	Solid	8015B NM	124126
880-65030-35	T-7 (0-1')	Total/NA	Solid	8015B NM	124126
880-65030-36	T-7 (1.5')	Total/NA	Solid	8015B NM	124126
880-65030-37	T-7 (2')	Total/NA	Solid	8015B NM	124126
MB 880-124119/1-A	Method Blank	Total/NA	Solid	8015B NM	124119
MB 880-124126/1-A	Method Blank	Total/NA	Solid	8015B NM	124126
LCS 880-124119/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	124119
LCS 880-124126/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	124126
LCSD 880-124119/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	124119
LCSD 880-124126/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	124126
880-65030-18 MS	T-4 (0-1')	Total/NA	Solid	8015B NM	124126
880-65030-18 MSD	T-4 (0-1')	Total/NA	Solid	8015B NM	124126
890-9089-A-2-B MS	Matrix Spike	Total/NA	Solid	8015B NM	124119
890-9089-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	124119

HPLC/IC

Leach Batch: 124219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-1	T-1 (0-1')	Soluble	Solid	DI Leach	
880-65030-2	T-1 (1.5')	Soluble	Solid	DI Leach	
880-65030-3	T-1 (2')	Soluble	Solid	DI Leach	
880-65030-4	T-1 (3')	Soluble	Solid	DI Leach	
880-65030-5	T-1 (4')	Soluble	Solid	DI Leach	
880-65030-6	T-1 (5')	Soluble	Solid	DI Leach	
880-65030-7	T-2 (0-1')	Soluble	Solid	DI Leach	
880-65030-8	T-2 (1.5')	Soluble	Solid	DI Leach	
880-65030-9	T-2 (2')	Soluble	Solid	DI Leach	
MB 880-124219/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-124219/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-124219/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-65016-A-9-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-65016-A-9-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 124220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-10	T-2 (3')	Soluble	Solid	DI Leach	
880-65030-11	T-2 (4')	Soluble	Solid	DI Leach	
880-65030-12	T-2 (5')	Soluble	Solid	DI Leach	
880-65030-13	T-3 (0-1')	Soluble	Solid	DI Leach	
880-65030-14	T-3 (1.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Leach Batch: 124220 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-15	T-3 (2')	Soluble	Solid	DI Leach	
880-65030-16	T-3 (3')	Soluble	Solid	DI Leach	
880-65030-17	T-3 (4')	Soluble	Solid	DI Leach	
880-65030-18	T-4 (0-1')	Soluble	Solid	DI Leach	
880-65030-19	T-4 (1.5')	Soluble	Solid	DI Leach	
880-65030-20	T-4 (2')	Soluble	Solid	DI Leach	
880-65030-21	T-4 (3')	Soluble	Solid	DI Leach	
880-65030-22	T-4 (4')	Soluble	Solid	DI Leach	
880-65030-23	T-5 (0-1')	Soluble	Solid	DI Leach	
880-65030-24	T-5 (1.5')	Soluble	Solid	DI Leach	
880-65030-25	T-5 (2')	Soluble	Solid	DI Leach	
880-65030-26	T-5 (3')	Soluble	Solid	DI Leach	
880-65030-27	T-5 (4')	Soluble	Solid	DI Leach	
880-65030-28	T-5 (5')	Soluble	Solid	DI Leach	
880-65030-29	T-6 (0-1')	Soluble	Solid	DI Leach	
MB 880-124220/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-124220/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-124220/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-65030-10 MS	T-2 (3')	Soluble	Solid	DI Leach	
880-65030-10 MSD	T-2 (3')	Soluble	Solid	DI Leach	
880-65030-20 MS	T-4 (2')	Soluble	Solid	DI Leach	
880-65030-20 MSD	T-4 (2')	Soluble	Solid	DI Leach	

Leach Batch: 124221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-30	T-6 (1.5')	Soluble	Solid	DI Leach	
880-65030-31	T-6 (2')	Soluble	Solid	DI Leach	
880-65030-32	T-6 (3')	Soluble	Solid	DI Leach	
880-65030-33	T-6 (4')	Soluble	Solid	DI Leach	
880-65030-34	T-6 (5')	Soluble	Solid	DI Leach	
880-65030-35	T-7 (0-1')	Soluble	Solid	DI Leach	
880-65030-36	T-7 (1.5')	Soluble	Solid	DI Leach	
880-65030-37	T-7 (2')	Soluble	Solid	DI Leach	
880-65030-38	T-7 (3')	Soluble	Solid	DI Leach	
880-65030-39	T-7 (4')	Soluble	Solid	DI Leach	
880-65030-40	T-7 (5')	Soluble	Solid	DI Leach	
880-65030-41	T-7 (6')	Soluble	Solid	DI Leach	
880-65030-42	T-8 (0-1')	Soluble	Solid	DI Leach	
880-65030-43	T-8 (1.5')	Soluble	Solid	DI Leach	
880-65030-44	T-8 (2')	Soluble	Solid	DI Leach	
880-65030-45	T-8 (3')	Soluble	Solid	DI Leach	
880-65030-46	T-8 (4')	Soluble	Solid	DI Leach	
880-65030-47	T-8 (5')	Soluble	Solid	DI Leach	
880-65030-48	T-8 (6')	Soluble	Solid	DI Leach	
880-65030-49	T-8 (7')	Soluble	Solid	DI Leach	
MB 880-124221/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-124221/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-124221/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-65030-30 MS	T-6 (1.5')	Soluble	Solid	DI Leach	
880-65030-30 MSD	T-6 (1.5')	Soluble	Solid	DI Leach	
880-65030-40 MS	T-7 (5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Leach Batch: 124221 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-40 MSD	T-7 (5')	Soluble	Solid	DI Leach	

Leach Batch: 124222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-50	T-8 (8')	Soluble	Solid	DI Leach	
880-65030-51	T-8 (9')	Soluble	Solid	DI Leach	
880-65030-52	T-9 (0-1')	Soluble	Solid	DI Leach	
880-65030-53	T-9 (1.5')	Soluble	Solid	DI Leach	
880-65030-54	T-9 (2')	Soluble	Solid	DI Leach	
880-65030-55	T-9 (3')	Soluble	Solid	DI Leach	
880-65030-56	T-9 (4')	Soluble	Solid	DI Leach	
880-65030-57	T-9 (5')	Soluble	Solid	DI Leach	
880-65030-58	T-9 (6')	Soluble	Solid	DI Leach	
880-65030-59	T-9 (7')	Soluble	Solid	DI Leach	
880-65030-60	T-9 (8')	Soluble	Solid	DI Leach	
880-65030-61	T-9 (9')	Soluble	Solid	DI Leach	
MB 880-124222/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-124222/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-124222/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-65030-50 MS	T-8 (8')	Soluble	Solid	DI Leach	
880-65030-50 MSD	T-8 (8')	Soluble	Solid	DI Leach	
880-65030-60 MS	T-9 (8')	Soluble	Solid	DI Leach	
880-65030-60 MSD	T-9 (8')	Soluble	Solid	DI Leach	

Analysis Batch: 124231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-1	T-1 (0-1')	Soluble	Solid	300.0	124219
880-65030-2	T-1 (1.5')	Soluble	Solid	300.0	124219
880-65030-3	T-1 (2')	Soluble	Solid	300.0	124219
880-65030-4	T-1 (3')	Soluble	Solid	300.0	124219
880-65030-5	T-1 (4')	Soluble	Solid	300.0	124219
880-65030-6	T-1 (5')	Soluble	Solid	300.0	124219
880-65030-7	T-2 (0-1')	Soluble	Solid	300.0	124219
880-65030-8	T-2 (1.5')	Soluble	Solid	300.0	124219
880-65030-9	T-2 (2')	Soluble	Solid	300.0	124219
MB 880-124219/1-A	Method Blank	Soluble	Solid	300.0	124219
LCS 880-124219/2-A	Lab Control Sample	Soluble	Solid	300.0	124219
LCSD 880-124219/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	124219
880-65016-A-9-C MS	Matrix Spike	Soluble	Solid	300.0	124219
880-65016-A-9-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	124219

Analysis Batch: 124234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-30	T-6 (1.5')	Soluble	Solid	300.0	124221
880-65030-31	T-6 (2')	Soluble	Solid	300.0	124221
880-65030-32	T-6 (3')	Soluble	Solid	300.0	124221
880-65030-33	T-6 (4')	Soluble	Solid	300.0	124221
880-65030-34	T-6 (5')	Soluble	Solid	300.0	124221
880-65030-35	T-7 (0-1')	Soluble	Solid	300.0	124221
880-65030-36	T-7 (1.5')	Soluble	Solid	300.0	124221
880-65030-37	T-7 (2')	Soluble	Solid	300.0	124221

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QC Association Summary

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 124234 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-38	T-7 (3')	Soluble	Solid	300.0	124221
880-65030-39	T-7 (4')	Soluble	Solid	300.0	124221
880-65030-40	T-7 (5')	Soluble	Solid	300.0	124221
880-65030-41	T-7 (6')	Soluble	Solid	300.0	124221
880-65030-42	T-8 (0-1')	Soluble	Solid	300.0	124221
880-65030-43	T-8 (1.5')	Soluble	Solid	300.0	124221
880-65030-44	T-8 (2')	Soluble	Solid	300.0	124221
880-65030-45	T-8 (3')	Soluble	Solid	300.0	124221
880-65030-46	T-8 (4')	Soluble	Solid	300.0	124221
880-65030-47	T-8 (5')	Soluble	Solid	300.0	124221
880-65030-48	T-8 (6')	Soluble	Solid	300.0	124221
880-65030-49	T-8 (7')	Soluble	Solid	300.0	124221
MB 880-124221/1-A	Method Blank	Soluble	Solid	300.0	124221
LCS 880-124221/2-A	Lab Control Sample	Soluble	Solid	300.0	124221
LCSD 880-124221/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	124221
880-65030-30 MS	T-6 (1.5')	Soluble	Solid	300.0	124221
880-65030-30 MSD	T-6 (1.5')	Soluble	Solid	300.0	124221
880-65030-40 MS	T-7 (5')	Soluble	Solid	300.0	124221
880-65030-40 MSD	T-7 (5')	Soluble	Solid	300.0	124221

Analysis Batch: 124235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-10	T-2 (3')	Soluble	Solid	300.0	124220
880-65030-11	T-2 (4')	Soluble	Solid	300.0	124220
880-65030-12	T-2 (5')	Soluble	Solid	300.0	124220
880-65030-13	T-3 (0-1')	Soluble	Solid	300.0	124220
880-65030-14	T-3 (1.5')	Soluble	Solid	300.0	124220
880-65030-15	T-3 (2')	Soluble	Solid	300.0	124220
880-65030-16	T-3 (3')	Soluble	Solid	300.0	124220
880-65030-17	T-3 (4')	Soluble	Solid	300.0	124220
880-65030-18	T-4 (0-1')	Soluble	Solid	300.0	124220
880-65030-19	T-4 (1.5')	Soluble	Solid	300.0	124220
880-65030-20	T-4 (2')	Soluble	Solid	300.0	124220
880-65030-21	T-4 (3')	Soluble	Solid	300.0	124220
880-65030-22	T-4 (4')	Soluble	Solid	300.0	124220
880-65030-23	T-5 (0-1')	Soluble	Solid	300.0	124220
880-65030-24	T-5 (1.5')	Soluble	Solid	300.0	124220
880-65030-25	T-5 (2')	Soluble	Solid	300.0	124220
880-65030-26	T-5 (3')	Soluble	Solid	300.0	124220
880-65030-27	T-5 (4')	Soluble	Solid	300.0	124220
880-65030-28	T-5 (5')	Soluble	Solid	300.0	124220
880-65030-29	T-6 (0-1')	Soluble	Solid	300.0	124220
MB 880-124220/1-A	Method Blank	Soluble	Solid	300.0	124220
LCS 880-124220/2-A	Lab Control Sample	Soluble	Solid	300.0	124220
LCSD 880-124220/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	124220
880-65030-10 MS	T-2 (3')	Soluble	Solid	300.0	124220
880-65030-10 MSD	T-2 (3')	Soluble	Solid	300.0	124220
880-65030-20 MS	T-4 (2')	Soluble	Solid	300.0	124220
880-65030-20 MSD	T-4 (2')	Soluble	Solid	300.0	124220

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

HPLC/IC

Analysis Batch: 124236

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65030-50	T-8 (8')	Soluble	Solid	300.0	124222
880-65030-51	T-8 (9')	Soluble	Solid	300.0	124222
880-65030-52	T-9 (0-1')	Soluble	Solid	300.0	124222
880-65030-53	T-9 (1.5')	Soluble	Solid	300.0	124222
880-65030-54	T-9 (2')	Soluble	Solid	300.0	124222
880-65030-55	T-9 (3')	Soluble	Solid	300.0	124222
880-65030-56	T-9 (4')	Soluble	Solid	300.0	124222
880-65030-57	T-9 (5')	Soluble	Solid	300.0	124222
880-65030-58	T-9 (6')	Soluble	Solid	300.0	124222
880-65030-59	T-9 (7')	Soluble	Solid	300.0	124222
880-65030-60	T-9 (8')	Soluble	Solid	300.0	124222
880-65030-61	T-9 (9')	Soluble	Solid	300.0	124222
MB 880-124222/1-A	Method Blank	Soluble	Solid	300.0	124222
LCS 880-124222/2-A	Lab Control Sample	Soluble	Solid	300.0	124222
LCSD 880-124222/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	124222
880-65030-50 MS	T-8 (8')	Soluble	Solid	300.0	124222
880-65030-50 MSD	T-8 (8')	Soluble	Solid	300.0	124222
880-65030-60 MS	T-9 (8')	Soluble	Solid	300.0	124222
880-65030-60 MSD	T-9 (8')	Soluble	Solid	300.0	124222

Lab Chronicle

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-65030-1

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	124314	11/18/25 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124702	11/21/25 15:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 15:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/21/25 22:10	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	124119	11/15/25 11:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/21/25 22:10	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	124219	11/17/25 13:13	SA	EET MID
Soluble	Analysis	300.0		10			124231	11/18/25 04:59	CS	EET MID

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-65030-2

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	124314	11/18/25 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124702	11/21/25 16:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 16:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/21/25 22:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	124119	11/15/25 11:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/21/25 22:29	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	124219	11/17/25 13:13	SA	EET MID
Soluble	Analysis	300.0		10			124231	11/18/25 05:05	CS	EET MID

Client Sample ID: T-1 (2')

Lab Sample ID: 880-65030-3

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	124314	11/18/25 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124702	11/21/25 16:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 16:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/21/25 22:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	124119	11/15/25 11:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/21/25 22:49	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	124219	11/17/25 13:13	SA	EET MID
Soluble	Analysis	300.0		10			124231	11/18/25 05:20	CS	EET MID

Client Sample ID: T-1 (3')

Lab Sample ID: 880-65030-4

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	124314	11/18/25 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124702	11/21/25 16:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 16:50	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-1 (3')

Lab Sample ID: 880-65030-4

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			124508	11/21/25 23:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	124119	11/15/25 11:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/21/25 23:09	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	124219	11/17/25 13:13	SA	EET MID
Soluble	Analysis	300.0		20			124231	11/18/25 05:26	CS	EET MID

Client Sample ID: T-1 (4')

Lab Sample ID: 880-65030-5

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	124314	11/18/25 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124702	11/21/25 17:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 17:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/21/25 23:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	124119	11/15/25 11:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/21/25 23:28	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	124219	11/17/25 13:13	SA	EET MID
Soluble	Analysis	300.0		1			124231	11/18/25 05:31	CS	EET MID

Client Sample ID: T-1 (5')

Lab Sample ID: 880-65030-6

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	124314	11/18/25 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124702	11/21/25 17:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 17:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/21/25 23:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	124119	11/15/25 11:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/21/25 23:47	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	124219	11/17/25 13:13	SA	EET MID
Soluble	Analysis	300.0		10			124231	11/18/25 05:36	CS	EET MID

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

Lab Sample ID: 880-65030-7

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	124314	11/18/25 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124702	11/21/25 17:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 17:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/22/25 00:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	124119	11/15/25 11:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/22/25 00:07	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-65030-7

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	124219	11/17/25 13:13	SA	EET MID
Soluble	Analysis	300.0		10			124231	11/18/25 05:41	CS	EET MID

Client Sample ID: T-2 (1.5')

Lab Sample ID: 880-65030-8

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	124314	11/18/25 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124702	11/21/25 18:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 18:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/22/25 00:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	124119	11/15/25 11:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/22/25 00:45	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	124219	11/17/25 13:13	SA	EET MID
Soluble	Analysis	300.0		20			124231	11/18/25 05:47	CS	EET MID

Client Sample ID: T-2 (2')

Lab Sample ID: 880-65030-9

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	124314	11/18/25 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124702	11/21/25 18:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 18:33	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/22/25 01:05	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	124119	11/15/25 11:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/22/25 01:05	AJ	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	124219	11/17/25 13:13	SA	EET MID
Soluble	Analysis	300.0		20			124231	11/18/25 05:52	CS	EET MID

Client Sample ID: T-2 (3')

Lab Sample ID: 880-65030-10

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	124314	11/18/25 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124702	11/21/25 18:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 18:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/22/25 01:25	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	124119	11/15/25 11:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/22/25 01:25	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	124220	11/17/25 13:15	SA	EET MID
Soluble	Analysis	300.0		10			124235	11/18/25 00:15	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-2 (4')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	124314	11/18/25 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124702	11/21/25 20:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 20:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/22/25 01:43	SA	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10.00 mL	124119	11/15/25 11:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/22/25 01:43	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	124220	11/17/25 13:15	SA	EET MID
Soluble	Analysis	300.0		1			124235	11/18/25 09:39	CS	EET MID

Client Sample ID: T-2 (5')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	124314	11/18/25 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124702	11/21/25 20:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 20:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/22/25 02:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	124119	11/15/25 11:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/22/25 02:02	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	124220	11/17/25 13:15	SA	EET MID
Soluble	Analysis	300.0		1			124235	11/18/25 00:39	CS	EET MID

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

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	124314	11/18/25 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124702	11/21/25 21:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 21:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/22/25 02:23	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	124119	11/15/25 11:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/22/25 02:23	AJ	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	124220	11/17/25 13:15	SA	EET MID
Soluble	Analysis	300.0		20			124235	11/18/25 00:45	CS	EET MID

Client Sample ID: T-3 (1.5')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	124314	11/18/25 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124702	11/21/25 21:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 21:29	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-3 (1.5')

Lab Sample ID: 880-65030-14

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			124508	11/22/25 02:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	124119	11/15/25 11:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/22/25 02:43	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	124220	11/17/25 13:15	SA	EET MID
Soluble	Analysis	300.0		20			124235	11/18/25 00:51	CS	EET MID

Client Sample ID: T-3 (2')

Lab Sample ID: 880-65030-15

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	124314	11/18/25 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124702	11/21/25 21:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 21:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/22/25 03:02	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	124119	11/15/25 11:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/22/25 03:02	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	124220	11/17/25 13:15	SA	EET MID
Soluble	Analysis	300.0		20			124235	11/18/25 01:08	CS	EET MID

Client Sample ID: T-3 (3')

Lab Sample ID: 880-65030-16

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	124314	11/18/25 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124702	11/21/25 22:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 22:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/22/25 03:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	124119	11/15/25 11:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/22/25 03:20	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	124220	11/17/25 13:15	SA	EET MID
Soluble	Analysis	300.0		20			124235	11/18/25 01:14	CS	EET MID

Client Sample ID: T-3 (4')

Lab Sample ID: 880-65030-17

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	124314	11/18/25 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124702	11/21/25 22:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 22:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/22/25 03:40	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	124119	11/15/25 11:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/22/25 03:40	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-3 (4')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	124220	11/17/25 13:15	SA	EET MID
Soluble	Analysis	300.0		1			124235	11/18/25 01:20	CS	EET MID

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

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	124314	11/18/25 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124702	11/21/25 22:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 22:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/21/25 11:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	124126	11/16/25 15:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/21/25 11:49	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	124220	11/17/25 13:15	SA	EET MID
Soluble	Analysis	300.0		10			124235	11/18/25 01:26	CS	EET MID

Client Sample ID: T-4 (1.5')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	124314	11/18/25 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124702	11/21/25 23:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 23:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/21/25 12:46	SA	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10.00 mL	124126	11/16/25 15:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/21/25 12:46	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	124220	11/17/25 13:15	SA	EET MID
Soluble	Analysis	300.0		20			124235	11/18/25 01:32	CS	EET MID

Client Sample ID: T-4 (2')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	124314	11/18/25 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124702	11/21/25 23:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 23:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/21/25 13:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	124126	11/16/25 15:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/21/25 13:08	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	124220	11/17/25 13:15	SA	EET MID
Soluble	Analysis	300.0		20			124235	11/18/25 01:38	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-4 (3')**Lab Sample ID: 880-65030-21****Date Collected: 11/11/25 00:00****Matrix: Solid****Date Received: 11/14/25 16:55**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	124315	11/18/25 11:44	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124616	11/21/25 22:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 22:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/21/25 13:27	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	124126	11/16/25 15:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/21/25 13:27	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	124220	11/17/25 13:15	SA	EET MID
Soluble	Analysis	300.0		20			124235	11/18/25 01:55	CS	EET MID

Client Sample ID: T-4 (4')**Lab Sample ID: 880-65030-22****Date Collected: 11/11/25 00:00****Matrix: Solid****Date Received: 11/14/25 16:55**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	124315	11/18/25 11:44	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124616	11/21/25 23:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 23:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/21/25 13:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	124126	11/16/25 15:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/21/25 13:46	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	124220	11/17/25 13:15	SA	EET MID
Soluble	Analysis	300.0		1			124235	11/18/25 02:01	CS	EET MID

Client Sample ID: T-5 (0-1')**Lab Sample ID: 880-65030-23****Date Collected: 11/11/25 00:00****Matrix: Solid****Date Received: 11/14/25 16:55**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	124315	11/18/25 11:44	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124616	11/21/25 23:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 23:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/21/25 14:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	124126	11/16/25 15:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/21/25 14:05	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	124220	11/17/25 13:15	SA	EET MID
Soluble	Analysis	300.0		20			124235	11/18/25 02:19	CS	EET MID

Client Sample ID: T-5 (1.5')**Lab Sample ID: 880-65030-24****Date Collected: 11/11/25 00:00****Matrix: Solid****Date Received: 11/14/25 16:55**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	124315	11/18/25 11:44	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124616	11/21/25 23:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 23:50	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-5 (1.5')

Lab Sample ID: 880-65030-24

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			124508	11/21/25 14:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	124126	11/16/25 15:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/21/25 14:26	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	124220	11/17/25 13:15	SA	EET MID
Soluble	Analysis	300.0		20			124235	11/18/25 02:24	CS	EET MID

Client Sample ID: T-5 (2')

Lab Sample ID: 880-65030-25

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	124315	11/18/25 11:44	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124616	11/22/25 00:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/22/25 00:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/21/25 14:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	124126	11/16/25 15:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/21/25 14:45	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	124220	11/17/25 13:15	SA	EET MID
Soluble	Analysis	300.0		20			124235	11/18/25 02:30	CS	EET MID

Client Sample ID: T-5 (3')

Lab Sample ID: 880-65030-26

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	124315	11/18/25 11:44	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124616	11/22/25 00:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/22/25 00:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/21/25 15:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	124126	11/16/25 15:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/21/25 15:03	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	124220	11/17/25 13:15	SA	EET MID
Soluble	Analysis	300.0		1			124235	11/18/25 02:36	CS	EET MID

Client Sample ID: T-5 (4')

Lab Sample ID: 880-65030-27

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	124315	11/18/25 11:44	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124616	11/22/25 00:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/22/25 00:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/21/25 15:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	124126	11/16/25 15:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/21/25 15:22	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-5 (4')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	124220	11/17/25 13:15	SA	EET MID
Soluble	Analysis	300.0		1			124235	11/18/25 02:42	CS	EET MID

Client Sample ID: T-5 (5')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-28

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	124315	11/18/25 11:44	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124616	11/22/25 01:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/22/25 01:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/21/25 16:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	124126	11/16/25 15:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/21/25 16:02	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	124220	11/17/25 13:15	SA	EET MID
Soluble	Analysis	300.0		1			124235	11/18/25 02:48	CS	EET MID

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

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-29

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	124315	11/18/25 11:44	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124616	11/22/25 01:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/22/25 01:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/21/25 16:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	124126	11/16/25 15:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/21/25 16:21	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	124220	11/17/25 13:15	SA	EET MID
Soluble	Analysis	300.0		20			124235	11/18/25 02:54	CS	EET MID

Client Sample ID: T-6 (1.5')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-30

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	124787	11/22/25 12:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124702	11/23/25 05:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/23/25 05:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/21/25 16:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	124126	11/16/25 15:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/21/25 16:40	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	124221	11/17/25 13:17	SA	EET MID
Soluble	Analysis	300.0		20			124234	11/18/25 00:27	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-6 (2')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-31

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	124787	11/22/25 12:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124702	11/23/25 05:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/23/25 05:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/21/25 17:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	124126	11/16/25 15:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/21/25 17:00	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	124221	11/17/25 13:17	SA	EET MID
Soluble	Analysis	300.0		20			124234	11/18/25 00:43	CS	EET MID

Client Sample ID: T-6 (3')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-32

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	124787	11/22/25 12:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124702	11/23/25 06:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/23/25 06:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/21/25 17:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	124126	11/16/25 15:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/21/25 17:19	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	124221	11/17/25 13:17	SA	EET MID
Soluble	Analysis	300.0		5			124234	11/18/25 00:48	CS	EET MID

Client Sample ID: T-6 (4')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-33

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	124787	11/22/25 12:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124702	11/23/25 06:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/23/25 06:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/21/25 17:38	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	124126	11/16/25 15:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/21/25 17:38	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	124221	11/17/25 13:17	SA	EET MID
Soluble	Analysis	300.0		5			124234	11/18/25 00:53	CS	EET MID

Client Sample ID: T-6 (5')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-34

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	124787	11/22/25 12:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124702	11/23/25 06:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/23/25 06:59	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-6 (5')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-34

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			124508	11/21/25 17:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	124126	11/16/25 15:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/21/25 17:59	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	124221	11/17/25 13:17	SA	EET MID
Soluble	Analysis	300.0		1			124234	11/18/25 00:58	CS	EET MID

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

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-35

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	124787	11/22/25 12:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124702	11/23/25 07:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/23/25 07:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/21/25 18:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	124126	11/16/25 15:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/21/25 18:17	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	124221	11/17/25 13:17	SA	EET MID
Soluble	Analysis	300.0		10			124234	11/18/25 01:14	CS	EET MID

Client Sample ID: T-7 (1.5')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-36

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	124787	11/22/25 12:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124702	11/23/25 07:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/23/25 07:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/21/25 18:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	124126	11/16/25 15:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/21/25 18:37	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	124221	11/17/25 13:17	SA	EET MID
Soluble	Analysis	300.0		20			124234	11/18/25 01:19	CS	EET MID

Client Sample ID: T-7 (2')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-37

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	124787	11/22/25 12:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124702	11/23/25 08:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/23/25 08:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/21/25 18:57	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	124126	11/16/25 15:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/21/25 18:57	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-7 (2')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-37

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	124221	11/17/25 13:17	SA	EET MID
Soluble	Analysis	300.0		10			124234	11/18/25 01:25	CS	EET MID

Client Sample ID: T-7 (3')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-38

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	124787	11/22/25 12:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124702	11/23/25 08:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/23/25 08:21	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/20/25 21:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	124127	11/16/25 15:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124515	11/20/25 21:05	SA	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	124221	11/17/25 13:17	SA	EET MID
Soluble	Analysis	300.0		10			124234	11/18/25 01:30	CS	EET MID

Client Sample ID: T-7 (4')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-39

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	124306	11/21/25 12:15	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124786	11/23/25 05:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/23/25 05:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/20/25 22:03	SA	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10.00 mL	124127	11/16/25 15:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124515	11/20/25 22:03	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	124221	11/17/25 13:17	SA	EET MID
Soluble	Analysis	300.0		10			124234	11/18/25 01:35	CS	EET MID

Client Sample ID: T-7 (5')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-40

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	124739	11/21/25 14:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124841	11/24/25 16:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/24/25 16:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/20/25 22:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	124127	11/16/25 15:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124515	11/20/25 22:22	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	124221	11/17/25 13:17	SA	EET MID
Soluble	Analysis	300.0		1			124234	11/18/25 01:40	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-7 (6')**Lab Sample ID: 880-65030-41****Date Collected: 11/11/25 00:00****Matrix: Solid****Date Received: 11/14/25 16:55**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	124321	11/18/25 11:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124613	11/21/25 14:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 14:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/20/25 22:41	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	124127	11/16/25 15:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124515	11/20/25 22:41	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	124221	11/17/25 13:17	SA	EET MID
Soluble	Analysis	300.0		1			124234	11/18/25 01:56	CS	EET MID

Client Sample ID: T-8 (0-1')**Lab Sample ID: 880-65030-42****Date Collected: 11/11/25 00:00****Matrix: Solid****Date Received: 11/14/25 16:55**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	124321	11/18/25 11:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124613	11/21/25 14:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 14:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/20/25 23:01	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	124127	11/16/25 15:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124515	11/20/25 23:01	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	124221	11/17/25 13:17	SA	EET MID
Soluble	Analysis	300.0		20			124234	11/18/25 02:01	CS	EET MID

Client Sample ID: T-8 (1.5')**Lab Sample ID: 880-65030-43****Date Collected: 11/11/25 00:00****Matrix: Solid****Date Received: 11/14/25 16:55**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	124321	11/18/25 11:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124613	11/21/25 15:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 15:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/20/25 23:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	124127	11/16/25 15:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124515	11/20/25 23:20	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	124221	11/17/25 13:17	SA	EET MID
Soluble	Analysis	300.0		10			124234	11/18/25 02:17	CS	EET MID

Client Sample ID: T-8 (2')**Lab Sample ID: 880-65030-44****Date Collected: 11/11/25 00:00****Matrix: Solid****Date Received: 11/14/25 16:55**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	124321	11/18/25 11:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124613	11/21/25 15:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 15:35	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-8 (2')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-44

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			124508	11/20/25 23:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	124127	11/16/25 15:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124515	11/20/25 23:39	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	124221	11/17/25 13:17	SA	EET MID
Soluble	Analysis	300.0		10			124234	11/18/25 02:22	CS	EET MID

Client Sample ID: T-8 (3')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-45

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	124321	11/18/25 11:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124613	11/21/25 15:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 15:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/20/25 23:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	124127	11/16/25 15:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124515	11/20/25 23:59	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	124221	11/17/25 13:17	SA	EET MID
Soluble	Analysis	300.0		10			124234	11/18/25 02:27	CS	EET MID

Client Sample ID: T-8 (4')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-46

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	124321	11/18/25 11:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124613	11/21/25 16:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 16:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/21/25 00:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	124127	11/16/25 15:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124515	11/21/25 00:18	SA	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	124221	11/17/25 13:17	SA	EET MID
Soluble	Analysis	300.0		1			124234	11/18/25 02:33	CS	EET MID

Client Sample ID: T-8 (5')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-47

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	124321	11/18/25 11:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124613	11/21/25 16:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 16:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/21/25 00:37	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	124127	11/16/25 15:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124515	11/21/25 00:37	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-8 (5')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-47

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	124221	11/17/25 13:17	SA	EET MID
Soluble	Analysis	300.0		1			124234	11/18/25 02:38	CS	EET MID

Client Sample ID: T-8 (6')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-48

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	124321	11/18/25 11:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124613	11/21/25 16:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 16:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/21/25 01:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	124127	11/16/25 15:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124515	11/21/25 01:17	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	124221	11/17/25 13:17	SA	EET MID
Soluble	Analysis	300.0		1			124234	11/18/25 02:43	CS	EET MID

Client Sample ID: T-8 (7')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-49

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	124321	11/18/25 11:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124613	11/21/25 17:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 17:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/21/25 01:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	124127	11/16/25 15:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124515	11/21/25 01:36	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	124221	11/17/25 13:17	SA	EET MID
Soluble	Analysis	300.0		1			124234	11/18/25 02:48	CS	EET MID

Client Sample ID: T-8 (8')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-50

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	124321	11/18/25 11:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124613	11/21/25 19:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 19:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/21/25 01:55	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	124127	11/16/25 15:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124515	11/21/25 01:55	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	124222	11/17/25 13:19	SA	EET MID
Soluble	Analysis	300.0		1			124236	11/18/25 20:52	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-8 (9')

Lab Sample ID: 880-65030-51

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	124321	11/18/25 11:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124613	11/21/25 20:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 20:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/21/25 02:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	124127	11/16/25 15:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124515	11/21/25 02:16	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	124222	11/17/25 13:19	SA	EET MID
Soluble	Analysis	300.0		1			124236	11/18/25 21:08	CS	EET MID

Client Sample ID: T-9 (0-1')

Lab Sample ID: 880-65030-52

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	124321	11/18/25 11:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124613	11/21/25 20:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 20:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/21/25 02:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	124127	11/16/25 15:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124515	11/21/25 02:35	SA	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	124222	11/17/25 13:19	SA	EET MID
Soluble	Analysis	300.0		1			124236	11/18/25 21:13	CS	EET MID

Client Sample ID: T-9 (1.5')

Lab Sample ID: 880-65030-53

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	124321	11/18/25 11:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124613	11/21/25 21:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 21:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/21/25 02:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	124127	11/16/25 15:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124515	11/21/25 02:53	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	124222	11/17/25 13:19	SA	EET MID
Soluble	Analysis	300.0		1			124236	11/18/25 21:19	CS	EET MID

Client Sample ID: T-9 (2')

Lab Sample ID: 880-65030-54

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	124321	11/18/25 11:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124613	11/21/25 21:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 21:33	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-9 (2')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-54

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			124508	11/21/25 03:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	124127	11/16/25 15:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124515	11/21/25 03:14	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	124222	11/17/25 13:19	SA	EET MID
Soluble	Analysis	300.0		1			124236	11/18/25 21:24	CS	EET MID

Client Sample ID: T-9 (3')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-55

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	124321	11/18/25 11:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124613	11/21/25 21:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 21:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/21/25 03:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	124127	11/16/25 15:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124515	11/21/25 03:33	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	124222	11/17/25 13:19	SA	EET MID
Soluble	Analysis	300.0		1			124236	11/18/25 21:40	CS	EET MID

Client Sample ID: T-9 (4')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-56

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	124321	11/18/25 11:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124613	11/21/25 22:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 22:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/21/25 03:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	124127	11/16/25 15:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124515	11/21/25 03:52	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	124222	11/17/25 13:19	SA	EET MID
Soluble	Analysis	300.0		1			124236	11/18/25 21:45	CS	EET MID

Client Sample ID: T-9 (5')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-57

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	124321	11/18/25 11:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124613	11/21/25 22:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 22:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/21/25 04:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	124127	11/16/25 15:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124515	11/21/25 04:11	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-9 (5')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-57

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	124222	11/17/25 13:19	SA	EET MID
Soluble	Analysis	300.0		1			124236	11/18/25 21:50	CS	EET MID

Client Sample ID: T-9 (6')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-58

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	124321	11/18/25 11:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124613	11/21/25 22:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 22:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/19/25 20:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	124128	11/16/25 15:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124379	11/19/25 20:18	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	124222	11/17/25 13:19	SA	EET MID
Soluble	Analysis	300.0		1			124236	11/18/25 21:56	CS	EET MID

Client Sample ID: T-9 (7')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-59

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	124321	11/18/25 11:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124613	11/21/25 23:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 23:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/19/25 21:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	124128	11/16/25 15:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124379	11/19/25 21:15	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	124222	11/17/25 13:19	SA	EET MID
Soluble	Analysis	300.0		1			124236	11/18/25 22:01	CS	EET MID

Client Sample ID: T-9 (8')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-60

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	124321	11/18/25 11:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124613	11/21/25 23:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/21/25 23:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/19/25 21:35	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	124128	11/16/25 15:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124379	11/19/25 21:35	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	124222	11/17/25 13:19	SA	EET MID
Soluble	Analysis	300.0		1			124236	11/18/25 22:06	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Client Sample ID: T-9 (9')
Date Collected: 11/11/25 00:00
Date Received: 11/14/25 16:55

Lab Sample ID: 880-65030-61
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	124306	11/18/25 10:37	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124786	11/23/25 05:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124885	11/23/25 05:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			124508	11/19/25 21:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	124128	11/16/25 15:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124379	11/19/25 21:54	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	124222	11/17/25 13:19	SA	EET MID
Soluble	Analysis	300.0		1			124236	11/18/25 22:22	CS	EET MID

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-65030-1	T-1 (0-1')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-2	T-1 (1.5')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-3	T-1 (2')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-4	T-1 (3')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-5	T-1 (4')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-6	T-1 (5')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-7	T-2 (0-1')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-8	T-2 (1.5')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-9	T-2 (2')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-10	T-2 (3')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-11	T-2 (4')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-12	T-2 (5')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-13	T-3 (0-1')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-14	T-3 (1.5')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-15	T-3 (2')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-16	T-3 (3')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-17	T-3 (4')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-18	T-4 (0-1')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-19	T-4 (1.5')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-20	T-4 (2')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-21	T-4 (3')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-22	T-4 (4')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-23	T-5 (0-1')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-24	T-5 (1.5')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-25	T-5 (2')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-26	T-5 (3')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-27	T-5 (4')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-28	T-5 (5')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-29	T-6 (0-1')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-30	T-6 (1.5')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-31	T-6 (2')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-32	T-6 (3')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-33	T-6 (4')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-34	T-6 (5')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-35	T-7 (0-1')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-36	T-7 (1.5')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-37	T-7 (2')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-38	T-7 (3')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-39	T-7 (4')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-40	T-7 (5')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-41	T-7 (6')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-42	T-8 (0-1')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-43	T-8 (1.5')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-44	T-8 (2')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-45	T-8 (3')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-46	T-8 (4')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-47	T-8 (5')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-48	T-8 (6')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-49	T-8 (7')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-50	T-8 (8')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-51	T-8 (9')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-52	T-9 (0-1')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-53	T-9 (1.5')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico

Eurofins Midland

Sample Summary

Client: Carmona Resources
Project/Site: Yellowfin 2H (09.10.25)

Job ID: 880-65030-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-65030-54	T-9 (2')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-55	T-9 (3')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-56	T-9 (4')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-57	T-9 (5')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-58	T-9 (6')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-59	T-9 (7')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-60	T-9 (8')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65030-61	T-9 (9')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico

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Chain of Custody



880-65030 Chain of Custody

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

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	mcarmona@carmonaresources.com

ANALYSIS REQUEST									
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Pres. Code	Preservative Codes
T-1 (0-1')	11/11/2025		X		G	1			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
T-1 (1.5')	11/11/2025		X		G	1			
T-1 (2')	11/11/2025		X		G	1			
T-1 (3')	11/11/2025		X		G	1			
T-1 (4')	11/11/2025		X		G	1			
T-1 (5')	11/11/2025		X		G	1			
T-2 (0-1')	11/11/2025		X		G	1			
T-2 (1.5')	11/11/2025		X		G	1			
T-2 (2')	11/11/2025		X		G	1			
T-2 (3')	11/11/2025		X		G	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>Conner Moehring</i>	11/14/25	<i>Enies Byrd</i>	11/14/25 10:55

Chain of Custody

Work Order No: _____

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Project Manager: Conner Moehring		Bill to: (if different)		Carmona Resources	
Company Name: Carmona Resources		Company Name:			
Address: 310 W Wall St Ste 500		Address:			
City, State ZIP: Midland, TX 79701		City, State ZIP:			
Phone: 432-813-6823		Email: mcarmona@carmonaresources.com			

Project Name: Yellowfin 2H (09.10.25)		Turn Around		Pres. Code	
Project Number: 3034		□ Routine □ Rush			
Project Location: Eddy County, New Mexico		Due Date:			
Sampler's Name: JR					
PO #:					

SAMPLE RECEIPT										ANALYSIS REQUEST										Preservative Codes											
Sample Identification		Date		Time		Soil		Water		Grab/Comp		Parameters		BTEX 8021B		TPH 8015M (GRO + DRO + MRO)		Chloride 300.0													
Received Intact:	Temp Blank:	Yes	No	Yes	No	Thermometer ID:	Wet Ice:	Yes	No																						
T-2 (4')	11/11/2025									G	1																				
T-2 (5')	11/11/2025									G	1																				
T-3 (0-1')	11/11/2025									G	1																				
T-3 (1.5')	11/11/2025									G	1																				
T-3 (2')	11/11/2025									G	1																				
T-3 (3')	11/11/2025									G	1																				
T-3 (4')	11/11/2025									G	1																				
T-4 (0-1')	11/11/2025									G	1																				
T-4 (1.5')	11/11/2025									G	1																				
T-4 (2')	11/11/2025									G	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>Conner Moehring</i>		11/14/25		<i>Mike Carmona</i>		11/14/25 10:55	

Chain of Custody

Work Order No:

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Work Order Comments

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

State of Project:

Reporting: Level II ☐ Level III ☐ PST/JST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other: _____

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	mcarmona@carmonaresources.com

[illegible]

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>Joan Bando</i>	4/14/15	<i>Erin Dyer</i>	4/14/15 10:55

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Chain of Custody

Work Order No: _____

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

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	mcarmona@carmonaresources.com

ANALYSIS REQUEST											
Turn Around				Pres. Code		Parameters				# of Cont	Sample Comments
☒ Routine ☐ Rush		Due Date:									
Project Name:	Yellowfin 2H (09.10.25)	3034	Eddy County, New Mexico	Yes	No	Temp Blank:	Yes	No	Wet Ice:	Yes	No
Project Number:				Yes	No	Received Intact:	Yes	No	Thermometer ID:		
Project Location				Yes	No	Cooler Custody Seals:	Yes	No	Correction Factor:		
Sampler's Name:				Yes	No	Sample Custody Seals:	Yes	No	Temperature Reading:		
PO #:						Total Containers:			Corrected Temperature:		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	BTEX 8021B		TPH 8015M (GRO + DRO + MRO)		Chloride 300.0	Preservative Codes
T-6 (2')	11/11/2025		X		G	X	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
T-6 (3')	11/11/2025		X		G	X	X	X	X		
T-6 (4')	11/11/2025		X		G	X	X	X	X		
T-6 (5')	11/11/2025		X		G	X	X	X	X		
T-7 (0-1')	11/11/2025		X		G	X	X	X	X		
T-7 (1.5')	11/11/2025		X		G	X	X	X	X		
T-7 (2')	11/11/2025		X		G	X	X	X	X		
T-7 (3')	11/11/2025		X		G	X	X	X	X		
T-7 (4')	11/11/2025		X		G	X	X	X	X		
T-7 (5')	11/11/2025		X		G	X	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
<i>Conner Moehring</i>	11/14/25	<i>Mike Carmona</i>	11/14/25 10:55

Chain of Custody

Work Order No: _____

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Project Manager: Conner Moehring		Bill to: (if different)		Carmona Resources	
Company Name: Carmona Resources		Company Name:			
Address: 310 W Wall St Ste 500		Address:			
City, State ZIP: Midland, TX 79701		City, State ZIP:			
Phone: 432-813-6823		Email: mcarmona@carmonaresources.com			

Project Name: Yellowfin 2H (09:10:25)		Turn Around		Pres. Code	
Project Number: 3034		☒ Routine ☐ Rush			
Project Location: Eddy County, New Mexico		Due Date:			
Sampler's Name: JR					
PO #:					

ANALYSIS REQUEST										Preservative Codes	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Preservative Codes	
										None: NO	DI Water: H ₂ O
T-7 (6')	11/11/2025		X		G	1		X	X	Cool: Cool	MeOH: Me
T-8 (0-1')	11/11/2025		X		G	1		X	X	HCL: HC	HNO ₃ : HN
T-8 (1.5')	11/11/2025		X		G	1		X	X	H ₂ SO ₄ : H ₂	NaOH: Na
T-8 (2')	11/11/2025		X		G	1		X	X	H ₃ PO ₄ : HP	
T-8 (3')	11/11/2025		X		G	1		X	X	NaHSO ₄ : NABIS	
T-8 (4')	11/11/2025		X		G	1		X	X	Na ₂ S ₂ O ₃ : NaSO ₃	
T-8 (5')	11/11/2025		X		G	1		X	X	Zn Acetate+NaOH: Zn	
T-8 (6')	11/11/2025		X		G	1		X	X	NaOH+Ascorbic Acid: SAPC	
T-8 (7')	11/11/2025		X		G	1		X	X		
T-8 (8')	11/11/2025		X		G	1		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	
<i>Conner Moehring</i>		11/14/25		<i>Mike Carmona</i>		11/15/25	

Chain of Custody

Work Order No: _____

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Project Manager: Conner Moehring		Bill to: (if different)		Carmona Resources	
Company Name: Carmona Resources		Company Name:			
Address: 310 W Wall St Ste 500		Address:			
City, State ZIP: Midland, TX 79701		City, State ZIP:			
Phone: 432-813-6823		Email: imcarmona@carmonaresources.com			

Project Name: Yellowfin 2H (09.10.25)		Turn Around		Pres. Code	
Project Number: 3034		☒ Routine ☐ Rush			
Project Location: Eddy County, New Mexico		Due Date:			
Sampler's Name: JR					
PO #:					

ANALYSIS REQUEST										Preservative Codes	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Sample Comments	
							TPH 8015M (GRO + DRO + MRO)	BTEX 8021B	Chloride 300.0		
T-8 (9')	11/11/2025		X		G	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	
T-9 (0-1')	11/11/2025		X		G	1	X	X	X		
T-9 (1.5')	11/11/2025		X		G	1	X	X	X		
T-9 (2')	11/11/2025		X		G	1	X	X	X		
T-9 (3')	11/11/2025		X		G	1	X	X	X		
T-9 (4')	11/11/2025		X		G	1	X	X	X		
T-9 (5')	11/11/2025		X		G	1	X	X	X		
T-9 (6')	11/11/2025		X		G	1	X	X	X		
T-9 (7')	11/11/2025		X		G	1	X	X	X		
T-9 (8')	11/11/2025		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	
<i>Conner Moehring</i>		11/14/25		<i>Conner Moehring</i>		11/14/25	

Chain of Custody

Work Order No: _____

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Project Manager: Conner Moehring		Bill to: (if different)		Carmona Resources	
Company Name: Carmona Resources		Company Name:			
Address: 310 W Wall St Ste 500		Address:			
City, State ZIP: Midland, TX 79701		City, State ZIP:			
Phone: 432-813-6823		Email: lmcarmona@carmonaresources.com			

Project Name: Yellowfin 2H (09.10.25)		Turn Around		Pres. Code	
Project Number: 3034		☒ Routine ☐ Rush			
Project Location: Eddy County, New Mexico		Due Date:			
Sampler's Name: JR					
PO #:					

SAMPLE RECEIPT										ANALYSIS REQUEST										Preservative Codes									
Received Intact:		Temp Blank:		Yes		No		Thermometer ID:		Yes		No		Wet Ice:		Yes		No		None:		NO		DI Water: H ₂ O					
Cooler Custody Seals:		Yes		No		N/A		Correction Factor:		Yes		No		Temperature Reading:		Yes		No		Cool:		Cool		MeOH: Me					
Sample Custody Seals:		Yes		No		N/A		Temperature Reading:		Yes		No		Corrected Temperature:		Yes		No		HCL:		HC		HNO ₃ : HN					
Total Containers:		Yes		No		N/A		Temperature Reading:		Yes		No		Corrected Temperature:		Yes		No		H ₂ SO ₄ :		H ₂		NaOH: Na					
		Yes		No		N/A		Temperature Reading:		Yes		No		Corrected Temperature:		Yes		No		H ₃ PO ₄ :		HP		NaHSO ₄ : NABIS					
		Yes		No		N/A		Temperature Reading:		Yes		No		Corrected Temperature:		Yes		No		Na ₂ S ₂ O ₃ :		NaSO ₃		Zn Acetate+NaOH: Zn					
		Yes		No		N/A		Temperature Reading:		Yes		No		Corrected Temperature:		Yes		No		NaOH+Ascorbic Acid:		SAPC							
		Yes		No		N/A		Temperature Reading:		Yes		No		Corrected Temperature:		Yes		No											
		Yes		No		N/A		Temperature Reading:		Yes		No		Corrected Temperature:		Yes		No											
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		Yes		No		N/A		Temperature Reading:		Yes		No		Corrected Temperature:		Yes		No											
		Yes		No		N/A		Temperature Reading:		Yes		No		Corrected Temperature:		Yes		No											
		Yes		No		N/A		Temperature Reading:		Yes		No		Corrected Temperature:		Yes		No											
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		Yes		No		N/A		Temperature Reading:		Yes		No		Corrected Temperature:		Yes		No											
		Yes		No		N/A		Temperature Reading:		Yes		No		Corrected Temperature:		Yes		No											
		Yes		No		N/A		Temperature Reading:		Yes		No		Corrected Temperature:		Yes		No											

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-65030-1
SDG Number: Eddy County, New Mexico

Login Number: 65030

List Number: 1

Creator: Vasquez, Julisa

List Source: Eurofins Midland

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

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

QUESTIONS

Action 588532

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 588532
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2528128866
Incident Name	NAPP2528128866 YELLOW FIN FEDERAL COM 002H @ FAPP2203533441
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received
Incident Facility	[fAPP2203533441] YELLOW FIN FED - RT BTRY

Location of Release Source

Please answer all the questions in this group.

Site Name	Yellow Fin Federal Com 002H
Date Release Discovered	09/10/2025
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Corrosion Other (Specify) Produced Water Released: 33 BBL Recovered: 0 BBL Lost: 33 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 588532

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 588532
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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: Jacqui Harris Title: Sr Environment Engineer Email: jacqui.harris@conocophillips.com Date: 05/27/2026
--	--

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QUESTIONS, Page 3

Action 588532

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 588532
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS**Site Characterization**

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Less than or equal 25 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (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	High
A 100-year floodplain	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

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

Requesting a remediation plan approval with this submission	Yes
<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)	10600
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	06/15/2026
On what date will (or did) the final sampling or liner inspection occur	07/15/2026
On what date will (or was) the remediation complete(d)	07/31/2026
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	3000
What is the estimated volume (in cubic yards) that will be remediated	515

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 588532

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 588532
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	Not answered.
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	Yes
In which state is the disposal taking place	TX
What is the name of the out-of-state facility	Orla Disposal
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Jacqui Harris Title: Sr Environment Engineer Email: jacqui.harris@conocophillips.com Date: 05/27/2026
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 588532

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 588532
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 588532

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 588532
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	{Unavailable.}

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Action 588532

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 588532
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	The Remediation Plan is Conditionally Approved. Due to the high karst designation as well as the probable shallow dtgw, the variance request for 400' sampling is denied. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for site assessment/characterization/proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Confirmation samples should be collected every 200 ft2. The work will need to occur in 90 days after the work plan has been reviewed.	6/9/2026