



SITE INFORMATION

**Closure Report
Yukon Gold 31 CTB 2 (04.05.2026)
Incident ID: NAPP2609623591
Unit H, Sec 31, T23S, R30E
Eddy County, New Mexico
32.262993°, -103.913058°**

**Produced Water Release
Point of Release: Valve Developed Pinhole Leak
Release Date: 04.05.2026
Volume Released: 39 Barrels of Produced Water
Volume Recovered: 27 Barrels of Produced Water**

CARMONA RESOURCES



**Prepared for:
Devon Energy
5315 Buena Vista Drive,
Carlsbad, New Mexico 88220**

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



TABLE OF CONTENTS

1.0 SITE INFORMATION AND BACKGROUND

2.0 SITE CHARACTERIZATION AND GROUNDWATER

3.0 NMAC REGULATORY CRITERIA

4.0 REMEDIATION ACTIVITIES

5.0 CONCLUSIONS

FIGURES

FIGURE 1	OVERVIEW	FIGURE 2	TOPOGRAPHIC
FIGURE 3	EXCAVATION DEPTH		

APPENDICES

APPENDIX A	TABLE
APPENDIX B	PHOTOS
APPENDIX C	INITIAL C-141 & NMOCD CORRESPONDENCE
APPENDIX D	SITE CHARACTERIZATION, GROUNDWATER, & KARST SURVEY
APPENDIX E	LABORATORY REPORTS



April 29, 2026

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

**Re: Closure Report
Yukon Gold 31 CTB 2 (04.05.2026)
Devon Energy Production Company
Incident ID: nAPP2609623591
Site Location: Unit H, S31, T23S, R30E
(Lat 32.262993°, Long -103.913058°)
Eddy County, New Mexico**

Mr. Bratcher:

On behalf of Devon Energy (Devon), Carmona Resources, LLC has prepared this letter to document site activities for the Yukon Gold 31 CTB 2. The site is located at 32.262993°, -103.913058° within Unit H, S31, T23S, R30E, in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on April 5, 2026, due to a valve developing a pinhole leak, allowing fluids to reach the surface of the pad. It resulted in the release of thirty-nine (39) barrels of produced water, with twenty-seven (27) barrels of produced water recovered. The spill boundaries are shown in Figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. On April 1, 2025, Carmona Resources installed a groundwater determination bore located approximately 0.04 miles Southwest of the release area in S31, T23S, R30E. The bore indicated no signs of water at a depth of 55 feet below ground surface (ft bgs) when it was gauged on April 7, 2025. A copy of the groundwater determination bore log is attached in Appendix D.

A karst survey was completed for a previous incident on January 27, 2025, within the same area as the new release (NAPP2605673419), in accordance with NMOCD and BLM requirements. The survey concluded that there were no surface karst features identified within the 200-foot (61-meter) survey area surrounding the spill delineation boundary. Based on these findings, the site was classified as a “Low Karst” environment.

Remediation activities proceeded in accordance with the standards outlined in Table 1 of NMAC 19.15.29.12, with no groundwater encountered at depths greater than 55 feet. Additional details, including site characterization, groundwater data, and the karst survey results, are provided in Appendix D.

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Midland, Texas 79701
432.813.1992



3.0 NMAC Regulatory Criteria

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

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

4.0 Remediation Activities

On April 17, 2026, Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on April 15, 2026, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The entire area of concern was excavated to a depth of 0.5' bgs. A total of seven (7) confirmation floor samples were collected (CS-1 through CS-7), and six (6) horizontal samples (H-1 through H-6) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and Chloride by EPA method 300. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figures 3.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 1,104 square feet of contamination was remediated, resulting in approximately 21 cubic yards of material excavated and transported offsite for proper disposal. The backfill material was sourced from Northern Delaware Basin Landfill and was collected for laboratory analysis on April 17, 2026, before being utilized. Laboratory data can be found in Table 1.

5.0 Conclusions

Due to the excavation being less than one (1) foot in depth, horizontal delineation samples were collected in place of composite confirmation sidewall samples

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

Sincerely,
Carmona Resources, LLC

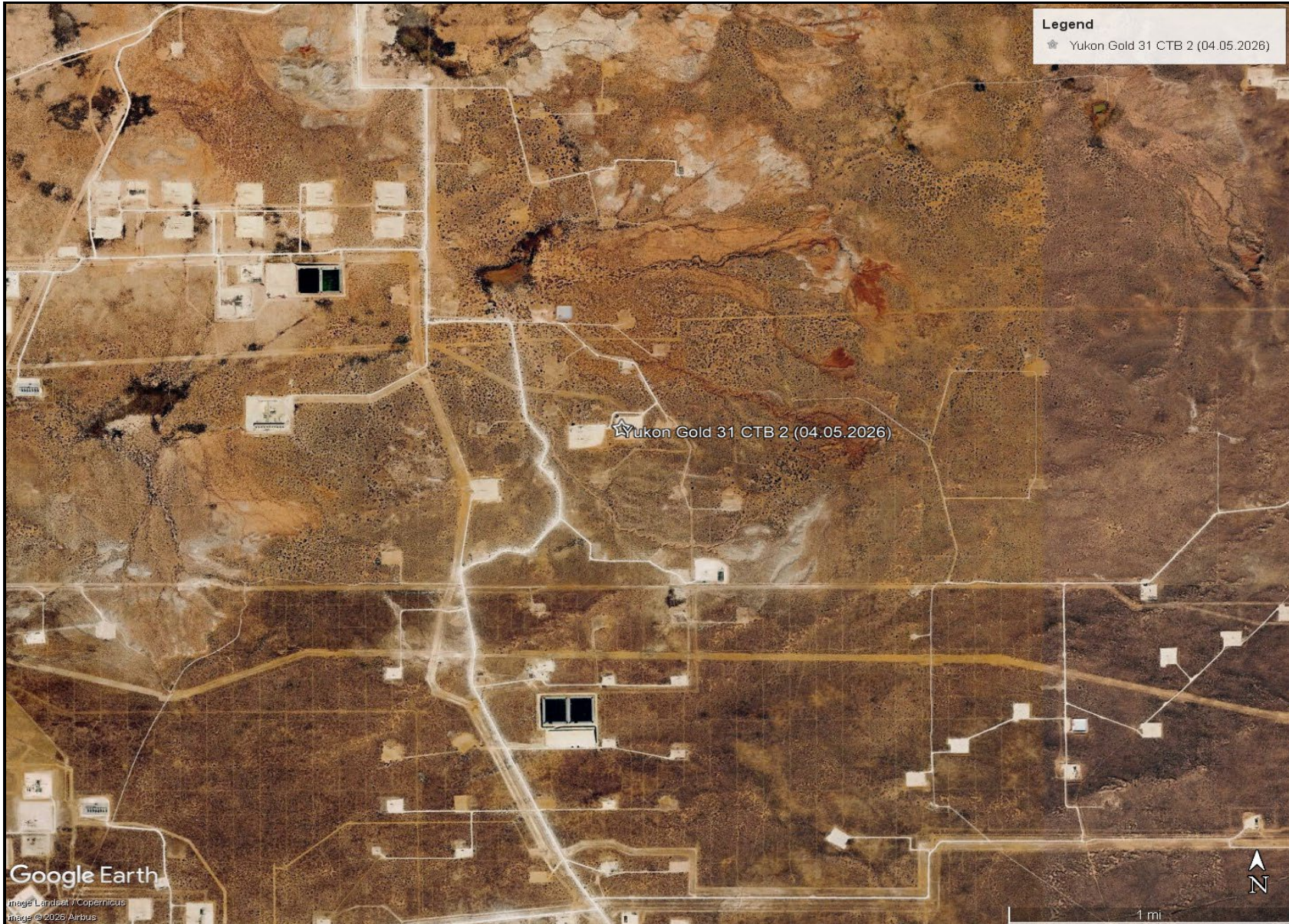
Ashton Thielke
Director of Operations

Riley Plogger
Project Manager

FIGURES

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<p>OVERVIEW MAP DEVON ENERGY PRODUCTION COMPANY YUKON GOLD 31 CTB 2 (04.05.2026) EDDY COUNTY, NEW MEXICO 32.262993°, -103.913058°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 1</p>
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TOPOGRAPHIC MAP
 DEVON ENERGY PRODUCTION COMPANY
 YUKON GOLD 31 CTB 2 (04.05.2026)
 EDDY COUNTY, NEW MEXICO
 32.262993°, -103.913058°



FIGURE 2



EXCAVATION DEPTH MAP
DEVON ENERGY PRODUCTION COMPANY
YUKON GOLD 31 CTB 2 (04.05.2026)
EDDY COUNTY, NEW MEXICO
32.262993°, -103.913058°



FIGURE 3

APPENDIX A

CARMONA RESOURCES



Table 1
YUKON GOLD 31 CTB 2 (02.25.2026)
Devon Energy Production Company
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	4/17/2026	0.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00399	399
CS-2	4/17/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00402	349
CS-3	4/17/2026	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00202	<0.00404	323
CS-4	4/17/2026	0.5'	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00199	<0.00398	352
CS-5	4/17/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00200	<0.00399	436
CS-6	4/17/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00201	<0.00402	426
CS-7	4/17/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00201	<0.00402	426
Backfill	4/17/2026	-	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<9.96
<i>Regulatory Criteria^A</i>			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

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

**Table 1
YUKON GOLD 31 CTB 2 (02.25.2026)
Devon Energy Production Company
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	4/17/2026	0-0.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	405
H-2	4/17/2026	0-0.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	269
H-3	4/17/2026	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	356
H-4	4/17/2026	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	402
H-5	4/17/2026	0-0.5'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	377
H-6	4/17/2026	0-0.5'	<50.2	<50.2	<50.2	<50.2	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	396
<i>Regulatory Criteria^A</i>			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

^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

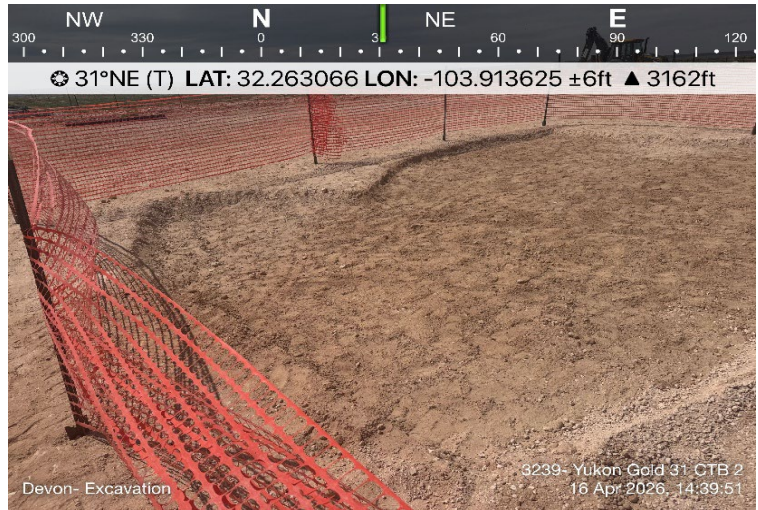
Devon Energy Production Company

Photograph No. 1

Facility: Yukon Gold 31 CTB 2 (04.05.2026)

County: Eddy County, New Mexico

Description:
View Northeast, area of CS-4 through CS-7.

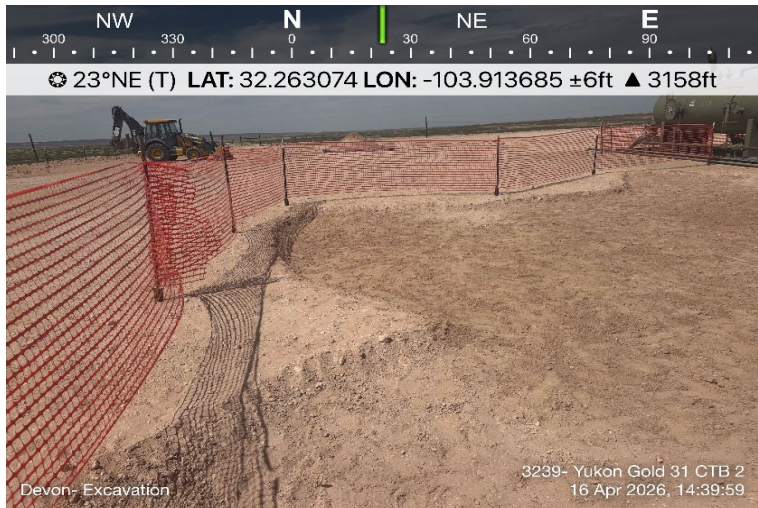


Photograph No. 2

Facility: Yukon Gold 31 CTB 2 (04.05.2026)

County: Eddy County, New Mexico

Description:
View Northeast, area of CS-4 through CS-7.

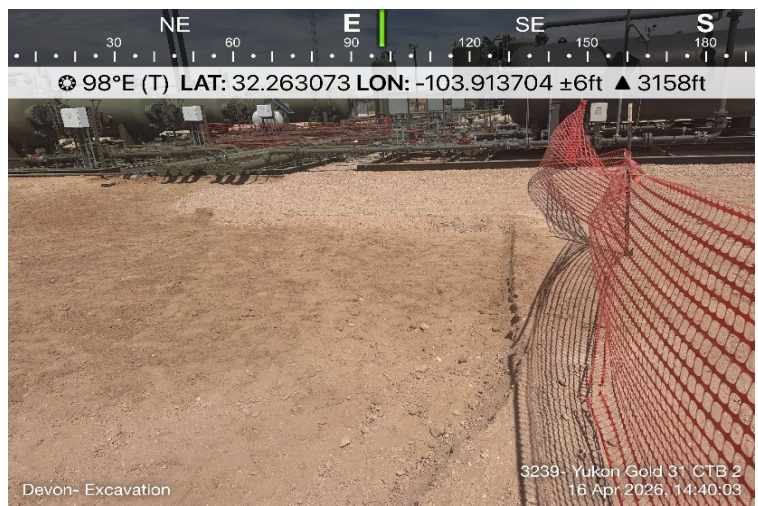


Photograph No. 3

Facility: Yukon Gold 31 CTB 2 (04.05.2026)

County: Eddy County, New Mexico

Description:
View East, area of CS-4 through CS-7.



PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 4

Facility: Yukon Gold 31 CTB 2 (04.05.2026)

County: Eddy County, New Mexico

Description:

View East, area of CS-4 through CS-7.



Photograph No. 5

Facility: Yukon Gold 31 CTB 2 (04.05.2026)

County: Eddy County, New Mexico

Description:

View South, area of CS-4 through CS-7.



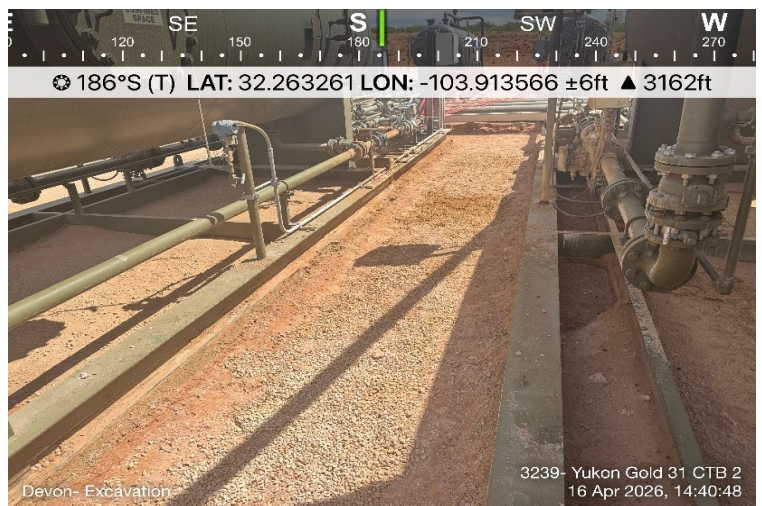
Photograph No. 6

Facility: Yukon Gold 31 CTB 2 (04.05.2026)

County: Eddy County, New Mexico

Description:

View South, area of CS-1 through CS-3.



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 571477

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 571477
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	YUKON GOLD 31 CTB 2
Date Release Discovered	04/05/2026
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 Valve Produced Water Released: 39 BBL Recovered: 27 BBL Lost: 12 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)	Valve developed pinhole leak, allowing fluids to pad surface.

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QUESTIONS, Page 2

Action 571477

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 571477
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

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

Initial Response

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

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

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

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ACKNOWLEDGMENTS

Action 571477

ACKNOWLEDGMENTS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 571477
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

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

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Santa Fe, NM 87505

CONDITIONS

Action 571477

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 571477
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
jralej	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	4/6/2026

Spill Volume Calculations

Free Standing Fluid Volume

How do you want to enter area?	Total area from app
Area from app (ft ²)	756.47
Depth of fluid	3.00 in
Number of Tanks in Fluid Affected Area (if any):	
Tank Diameter (if needed):	ft
Volume of Standing Fluid	33.68 bbl

Contaminated Soil Calculations

How do you want to enter area?	Total area from app
Area from app (ft ²)	756.47
Depth of impacted soil	1.50 in
Soil Type	Caliche
Spilled Material	Produced Water
Soil Saturation	Wet - hand is wet/muddy after handling
Volume of Spill In Soil	5.60 bbls
Treated Spill Volume	39.28 bbls

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

QUESTIONS

Action 572372

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 572372
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2609623591
Incident Name	NAPP2609623591 YUKON GOLD 31 CTB 2 @ FAPP2123652649
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received
Incident Facility	[fAPP2123652649] YUKON GOLD 31 CTB 2

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	YUKON GOLD 31 CTB 2
Date Release Discovered	04/05/2026
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 Valve Produced Water Released: 39 BBL Recovered: 27 BBL Lost: 12 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)	Valve developed pinhole leak, allowing fluids to pad surface.

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QUESTIONS, Page 2

Action 572372

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 572372
	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: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 04/07/2026
--	--

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QUESTIONS, Page 3

Action 572372

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 572372
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

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

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

Remediation Plan <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>	

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 572372

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 572372
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
scwells	Initial C-141 approved. A remediation plan or a remediation closure report is due to the OCD no later than 7/6/2026.	4/8/2026

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

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

QUESTIONS

Action 575663

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 575663
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2609623591
Incident Name	NAPP2609623591 YUKON GOLD 31 CTB 2 @ FAPP2123652649
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2123652649] YUKON GOLD 31 CTB 2

Location of Release Source	
Site Name	YUKON GOLD 31 CTB 2
Date Release Discovered	04/05/2026
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	1,116
What is the estimated number of samples that will be gathered	6
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/17/2026
Time sampling will commence	10:00 AM
Please provide any information necessary for observers to contact samplers	432-701-5475
Please provide any information necessary for navigation to sampling site	32.262993,-103.913058

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 575663

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 575663
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/15/2026
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/15/2026

APPENDIX D





CARMONA RESOURCES




Nearest water well

DEVON ENERGY PRODUCTION COMPANY, LP

Legend

-  0.04 Miles
-  0.50 Mile Radius
-  Groundwater Determination Bore
-  YUKON GOLD 31 CTB 2 (04.05.2026)



55' GWDB - Drilled 2025  YUKON GOLD 31 CTB 2 (04.05.2026)





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW#### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
C 04526 POD1		CUB	ED	SE	NW	SE	06	24S	30E	601898.6	3568060.3		2107			
C 02486		C	ED	SW	NE	SW	19	23S	30E	601304.0	3572832.0 *		2893	350		
C 04497 POD1		CUB	ED	NW	NE	SW	04	24S	30E	604659.7	3568278.5		2976	110		
C 04597 POD5		CUB	ED	NE	NW	SE	24	23S	29E	600198.3	3572931.9		3521			
C 04597 POD4		CUB	ED	NW	NW	SE	24	23S	29E	600158.9	3572947.2		3557			
C 03908 POD3		CUB	ED	SW	NW	SW	34	23S	30E	605850.9	3569640.1		3559	463		
C 04597 POD3		CUB	ED	NW	NW	SE	24	23S	29E	600171.6	3572991.0		3585			
C 03908 POD2		CUB	ED	SW	NW	SW	34	23S	30E	605872.3	3569594.1		3587	518		
C 04597 POD2		CUB	ED	NW	NW	SE	24	23S	29E	600122.2	3572959.1		3589			
C 04597 POD1		CUB	ED	NW	NW	SE	24	23S	29E	600124.4	3573002.9		3623			
C 02108		CUB	ED		NW	SW	08	24S	30E	602702.0	3566487.0 *		3656	200	186	14

Average Depth to Water: **186 feet**

Minimum Depth: **186 feet**

Maximum Depth: **186 feet**

Record Count: 11

UTM Filters (in meters):

Easting: 602324.00

Northing: 3570124.00

Radius: 4000

* UTM location was derived from PLSS - see Help

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



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) Pod 1		WELL TAG ID NO.		OSE FILE NO(S). C-4913		
	WELL OWNER NAME(S) Devon Production Co. LP.				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS 5315 Buena Vista Dr.				CITY Carlsbad	STATE NM	ZIP 88220
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 15	SECONDS 45.26	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LATITUDE		N	* DATUM REQUIRED: WGS 84		
	LONGITUDE	103	54	49.73	W		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE S31 T23s R30e							

2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1862		NAME OF LICENSED DRILLER James Hawley			NAME OF WELL DRILLING COMPANY H&R Enterprises, LLC		
	DRILLING STARTED 4-1-25	DRILLING ENDED 4-1-25	DEPTH OF COMPLETED WELL (FT) 55'	BORE HOLE DEPTH (FT) 55'	DEPTH WATER FIRST ENCOUNTERED (FT) N/A			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 4-7-25		
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD				ADDITIVES – SPECIFY:			
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER – SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0'	55'	5'	No casing left in hole				

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

FOR OSE INTERNAL USE			WR-20 WELL RECORD & LOG (Version 09/22/2022)		
FILE NO.		POD NO.	TRN NO.		
LOCATION			WELL TAG ID NO.		PAGE 1 OF 2



PLUGGING RECORD



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

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-4913 POD1
Well owner: Devon Production CO. LP. Phone No.: _____
Mailing address: 5315 Buena Vista Dr.
City: Carlsbad State: NM Zip code: 88220

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: H&R Enterprises, LLC.
- 2) New Mexico Well Driller License No.: WD-1862 Expiration Date: 6-16-25
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s):
Nathan Smelcer
- 4) Date well plugging began: 4-7-25 Date well plugging concluded: 4-7-25
- 5) GPS Well Location: Latitude: 32 deg, 15 min, 45.26 sec
Longitude: 103 deg, 54 min, 49.73 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 55' ft below ground level (bgl),
by the following manner: well sounder
- 7) Static water level measured at initiation of plugging: N/A ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 11-15-24
- 9) Were all plugging activities consistent with an approved plugging plan? yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER


www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD1 (MW-1)		WELL TAG ID NO. n/a		OSE FILE NO(S). C-4526			
	WELL OWNER NAME(S) XTO Energy (Kyle Littrell)				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 6401 Holiday Hill Dr.				CITY Midland	STATE TX	ZIP 79707	
	WELL LOCATION (FROM GPS)	LATITUDE	DEGREES 32°	MINUTES 14'	SECONDS 42.15"	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84		
		LONGITUDE	103°	55'	6.20"			N
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NW NE Sec. 06 T24S R30E								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249	NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.			
	DRILLING STARTED 05/14/2021	DRILLING ENDED 05/14/2021	DEPTH OF COMPLETED WELL (FT) temporary well material	BORE HOLE DEPTH (FT) 105	DEPTH WATER FIRST ENCOUNTERED (FT) n/a			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) n/a			
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	105	±6.5	Boring- HSA	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						

FOR OSE INTERNAL USE				WR-20 WELL RECORD & LOG (Version 06/30/17)			
FILE NO.	C-4526	POD NO.	1	TRN NO.	692109		
LOCATION	Expl	24S.30E.6.414	WELL TAG ID NO.	0210010201	PAGE 1 OF 2		

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO				
	0	4	4	SAND, poorly graded, fine-very grained, Reddish-brown, dry	Y ✓ N	
	4	12	8	CALICHE, poorly-mod. consolidated, tan-off white, dry	Y ✓ N	
	12	19	7	SAND, poorly graded, fine-very grained, some caliche gravel, Tan, dry	Y ✓ N	
	19	24	5	SAND, poorly graded, fine-very grained, some caliche gravel, Light- Brown, dry	Y ✓ N	
	24	72	48	SAND, poorly graded, fine-very grained, Reddish Brown, moist	Y ✓ N	
	72	92	20	SAND, poorly graded, fine-very grained, some silt, Reddish Brown, moist	Y ✓ N	
	92	102	10	SILTY SAND, poorly graded, fine-very grained, Reddish Brown, moist	Y ✓ N	
	102	105	3	SILTY SAND, poorly graded, fine-very grained, Reddish Brown, dry	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	
<input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:						

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION: Temporary well materials removed and the soil boring backfilled using drill cuttings from total depth to ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface to surface. Logs adapted from WSP on-site geologist.	
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Carmelo Trevino, Cameron Pruitt	

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 JACKIE D. ATKINS _____ SIGNATURE OF DRILLER / PRINT SIGNEE NAME	06/09/2021 _____ DATE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 06/30/2017)	
FILE NO. C-4526	POD NO. 1	TRN NO. 692109	
LOCATION	WELL TAG ID NO.	PAGE 2 OF 2	

OSE DTI JUN 10 2021 4:21:47



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

OSE DTJ JAN 28 2021 PM 4:24

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD1 (BH-01)		WELL TAG ID NO. n/a		OSE FILE NO(S). C-4497		
	WELL OWNER NAME(S) XTO Energy (Kyle Littrell)				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS 6401 Holiday Hill Dr.				CITY Midland	STATE TX	ZIP 79707
	WELL LOCATION (FROM GPS)	DEGREES 32°	MINUTES 14'	SECONDS 46.69"	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
	LATITUDE	LONGITUDE		* DATUM REQUIRED: WGS 84			

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE
NE SW Sec. 4 T24S R30E

2. DRILLING & CASING INFORMATION	LICENSE NO. 1249	NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.			
	DRILLING STARTED 12/28/2020	DRILLING ENDED 12/28/2020	DEPTH OF COMPLETED WELL (FT) temporary well material	BORE HOLE DEPTH (FT) 110	DEPTH WATER FIRST ENCOUNTERED (FT) n/a			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) n/a			
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	110	±8.5	Boring- HSA	--	--	--	--


3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				

FOR OSE INTERNAL USE				WR-20 WELL RECORD & LOG (Version 06/30/17)			
FILE NO.	C-4497	POD NO.	1	TRN NO.	682526		
LOCATION	231	T24S Sec 4	R30E	WELL TAG ID NO.	NA	PAGE 1 OF 2	

OSE DJT JAN 28 2021 PM 4:24

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO				
	0	1.5	1.5	CALICHE, poor-moderate consolidation, few sand, fine grain, light brown, dry	Y ✓ N	
	1.5	5	3.5	SAND, well graded, fine grain, few gravel, sub angular, 2-8mm. Red/brown, dry	Y ✓ N	
	5	16	11	SAND, fine grain, poorly graded, few gravel, some clay, red/brown, moist	Y ✓ N	
	16	85	69	SAND, well graded, large grain, little clay, noncohesive,, red/brown, moist	Y ✓ N	
	85	--	--	SANDSTONE, very poorly consolidated, medium-fine grain, well graded,	Y ✓ N	
	--	105	20	few caliche gravel, sub angular, 1.5-7mm, light brown - almond brown, moist	Y ✓ N	
	105	--	--	SANDSTONE, highly consolidated, medium-fine grain, poorly graded,	Y ✓ N	
	--	110	5	few clay, low plasticity, noncohesive, light brown-almond brown, dry	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION: Temporary well materials removed and the soil boring backfilled using drill cuttings from total depth to ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface to surface. Logs adapted from WSP on-site geologist.	
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge		

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 SIGNATURE OF DRILLER / PRINT SIGNEE NAME	Jackie D. Atkins 01/15/2021 DATE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 06/30/2017)	
FILE NO. C-4497	POD NO. 1	TRN NO. 682526	
LOCATION 231 T245 Sec 4 R30E	WELL TAG ID NO. NA	PAGE 2 OF 2	

John R. D Antonio, Jr., P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

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

Trn Nbr: 682526
File Nbr: C 04497
Well File Nbr: C 04497 POD1

Feb. 05, 2021

TACOMA MORRISSEY
WSP USA
3300 NORTH A STREET
BLDG 1 #222
MIDLAND, TX 79705

Greetings:

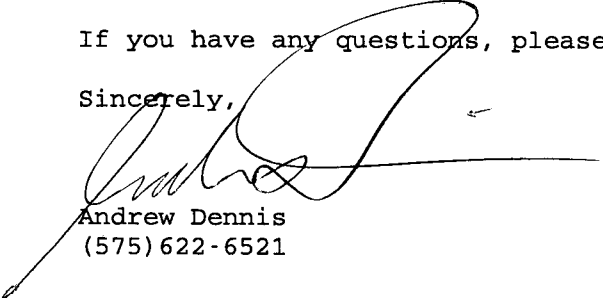
The above numbered permit was issued in your name on 12/01/2020.

The Well Record was received in this office on 01/28/2021, stating that it had been completed on 12/28/2020, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 12/01/2021.

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

Sincerely,


Andrew Dennis
(575) 622-6521

drywell

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Metho meas
------	------	-------------------------------------	---------------------	--------------------------------------	---	---------------------------	-------------	-----------------

Groundwater New Mexico GO

Click to hide News Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

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

Search Results -- 1 sites found

Agency code = usgs
 site_no list =
 • 321542103522801

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 321542103522801 23S.30E.34.133144 USGS-4

Eddy County, New Mexico
 Latitude 32°15'45.42", Longitude 103°52'36.09" NAD83
 Land-surface elevation 3,413 feet above NAVD88
 The depth of the well is 518 feet below land surface.
 This well is completed in the Other aquifers (N9999OTHER) national aquifer.
 This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

- [Table of data](#)
- [Tab-separated data](#)
- [Graph of data](#)
- [Reselect period](#)

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1961-12-12			D 62610		2977.68	NGVD29	1	Z			A
1961-12-12			D 62611		2979.38	NAVD88	1	Z			A
1961-12-12			D 72019	433.62			1	Z			A
1962-05-10			D 62610		2978.11	NGVD29	1	Z			A
1962-05-10			D 62611		2979.81	NAVD88	1	Z			A
1962-05-10			D 72019	433.19			1	Z			A
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1962-07-31			D 72019	433.17			1	Z			A
1962-08-08			D 62610		2978.13	NGVD29	1	Z			A
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1963-03-10			D 62611		2979.50	NAVD88	1	Z			A
1963-03-10			D 72019	433.50			1	Z			A
1972-09-25			D 62610		2977.39	NGVD29	1	Z			A
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1972-09-25			D 72019	433.91			1	Z			A
1976-12-14			D 62610		2974.74	NGVD29	1	Z			A
1976-12-14			D 62611		2976.44	NAVD88	1	Z			A
1976-12-14			D 72019	436.56			1	Z			A

Explanation

Section	Code	Description
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Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Metho meas
Referenced vertical datum		NAVD88	North American Vertical Datum of 1988					
Referenced vertical datum		NGVD29	National Geodetic Vertical Datum of 1929					
Status		1	Static					
Method of measurement		Z	Other.					
Measuring agency			Not determined					
Source of measurement			Not determined					
Water-level approval status		A	Approved for publication -- Processing and review completed.					

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

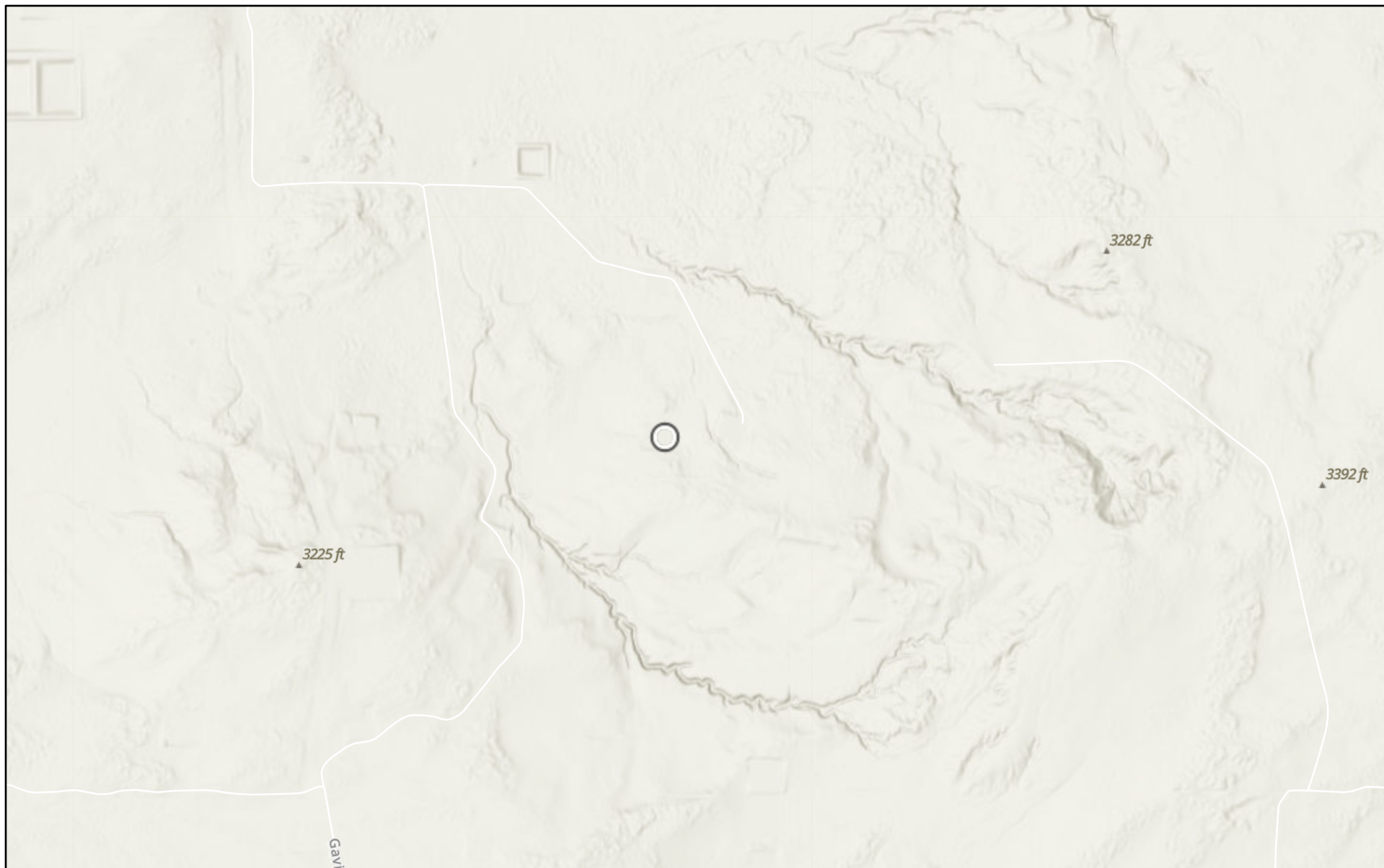
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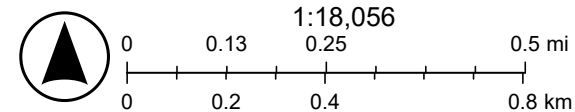


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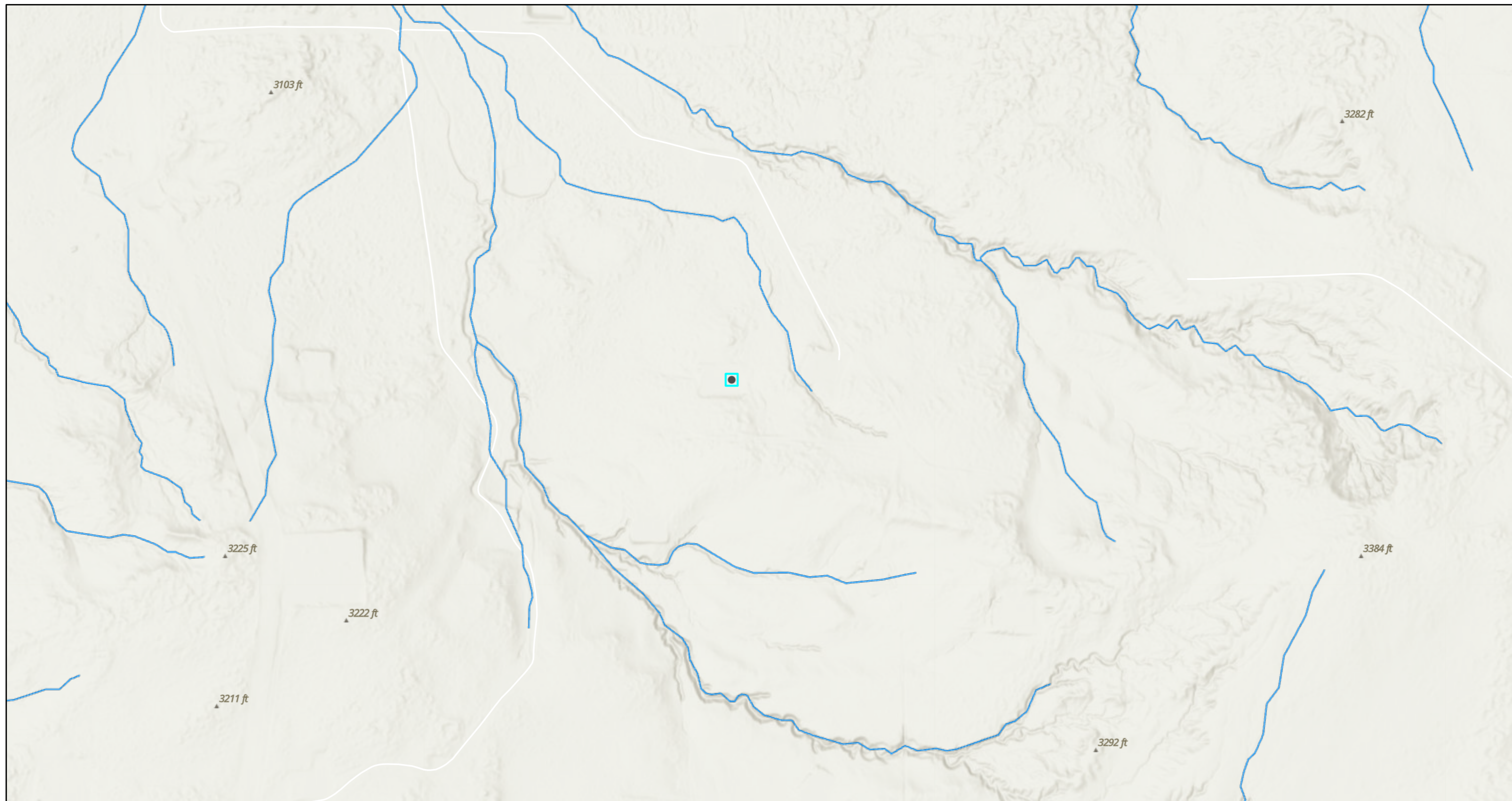
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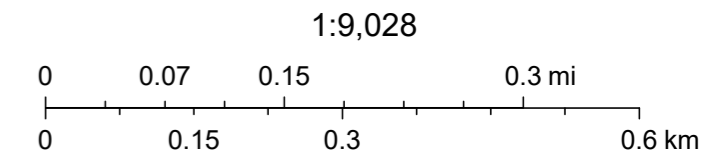
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April 7, 2026

Wetlands

-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland

-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond

-  Lake
-  Other
-  Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



Southwest Geophysical Consulting, LLC



Environmental Karst Study Report Yukon Gold 31 19 Federal Com #212 Eddy County, New Mexico

**Prepared For:
Carmona Resources
310 W Wall Street, Suite 500
Midland, TX 79701**

- Positive within 200 feet of spill delineation boundary
- Negative within 200 feet of spill delineation boundary
- Stable Unstable Ground
- Karst Monitor Recommended

February 21, 2025

CARM-001-20241105

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TABLE OF CONTENTS

FRONT MATTER..... i

TABLE OF CONTENTS.....ii

LIST OF FIGURES.....iii

LIST OF TABLES.....iii

1.0 INTRODUCTION..... 1

 1.1 Goals of this Study..... 1

 1.2 Summary of Findings..... 1

 1.3 Affected Environment..... 1

 1.4 Limitations of Report..... 3

2.0 LOCATION AND DESCRIPTION OF STUDY AREA..... 4

 2.1 Description of Site..... 4

 2.2 Local Geology Summary..... 5

 2.3 Description of Survey..... 6

 2.3.1 Surface Karst Inventory 6

 2.3.2 Geophysical Survey..... 8

3.0 RESULTS..... 10

 3.1 Surface Karst Survey..... 10

 3.2 Geophysical Survey..... 10

4.0 DISCUSSION..... 12

5.0 SUMMARY..... 14

6.0 DISCLOSURE STATEMENT 14

7.0 REFERENCES..... 16

8.0 GLOSSARY OF TERMS..... 18

9.0 ATTESTATION 20

LIST OF FIGURES

Figure 1: Karst occurrence zone overview..... 2

Figure 2: Land ownership and PLSS overview..... 4

Figure 3: Geology overview 5

Figure 4: Surface survey overview 6

Figure 5: Geophysical survey overview 8

Figure 6: Aerial karst survey results..... 10

Figure 7: 2D inverted resistivity section 11

Figure 8: Data overlay 13

LIST OF TABLES

Table 1: Survey Line Data Table 9

Table 2: Software Information and Settings..... 9

1.0 INTRODUCTION

This report was commissioned by Carmona Resources (hereinafter referred to as "the client"), on November 5, 2024, for the purpose of conducting an environmental karst study within an area encompassing the Yukon Gold 31 19 Federal Com #212 release site (hereinafter termed "YG31") centered at N 32.765001° W 104.282459°.

1.1 Goals of this Study

The goals of this study are to conduct a surface karst inventory and provide the client with the location and description of any surface karst features located within 200 feet (61 meters) of the spill delineation boundary (as defined by 19.15.29.12 NMAC^[1]) and to determine whether stable ground exists (as defined by 19.15.2 NMAC Definitions^[2]) within the spill boundary of the Yukon Gold 31 19 Federal Com #212 release using electrical resistivity imaging^[3].

1.2 Summary of Findings

- **No surface karst features exist within the 200-foot (61-meter) zone surrounding the spill delineation boundary.**
- **No anomalies consistent with air-filled voids are located within the YG31 resistivity survey area, indicating the zone beneath the geophysical survey is not subject to collapse.**
- **Well-layered stratigraphy is interpreted to exist beneath the area where the geophysical survey was conducted, indicating stable ground.**

1.3 Affected Environment

The YG31 project site is located in evaporite karst terrain, a landform that is characterized by underground drainage through solutionally enlarged conduits. Evaporite karst terrain may contain sinkholes, sinking streams, caves, and springs. Sinkholes leading to underground drainages and voids are common. These karst features, as well as occasional fissures and discontinuities in the bedrock, provide the primary sources for rapid recharge of the groundwater aquifers of the region. Additionally, karst may develop by hypogene processes involving dissolution by upwelling fluids from depth independent of recharge from the overlying or immediately adjacent surface. Hypogene karst systems may not be connected to the surface and can remain undiscovered unless encountered during drilling or excavation.

Karst features are delicate resources that are often of geological, hydrological, biological, and archeological importance, and should be protected. The four primary concerns in these types of terrain are environmental issues, worker safety, equipment damage, and infrastructure integrity.

The Bureau of Land Management (BLM) categorizes all areas within the Carlsbad Field Office (CFO) zone of responsibility as having either low, medium, high, or critical cave potential based on geology, occurrence of known caves, density of karst features, and potential impacts to freshwater aquifers^[4]. These designations are also recognized by the New Mexico State Land Office (NMSLO). This project occurs within both a **HIGH** karst occurrence zone (HKOZ) and a **MEDIUM** karst occurrence zone (MKOZ)^[5] (**Figure 1**).

A high karst occurrence zone is defined as an area in known soluble rock types that contains a high frequency of significant caves and karst features such as sinkholes, bedrock fractures that provide rapid recharge of karst aquifers, and springs that provide riparian habitat^[4].

A medium karst occurrence zone is defined as an area in known soluble rock types that may have a shallow insoluble overburden. These areas may contain isolated karst features such as caves and sinkholes. Groundwater recharge may not be wholly dependent on karst features, but the karst features still provide the most rapid aquifer recharge in response to surface runoff^[4].

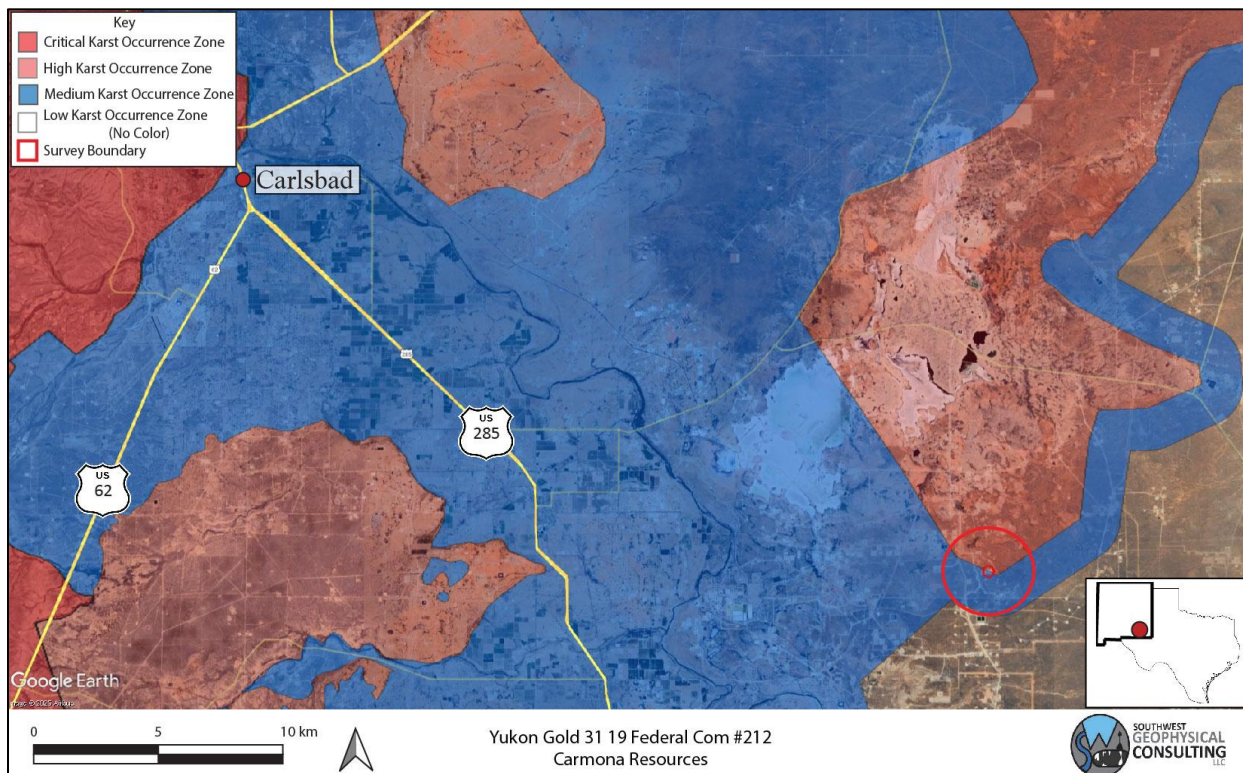


Figure 1: Karst occurrence zone overview. Background image credit: Google Earth. Image date: August 21, 2024. Image datum: WGS-84.

Due to the rapidity with which evaporite karst develops, each location within a CKOZ or HKOZ must be assessed on an individual basis to determine the existence of surface karst features and the possibility of sub-surface karst development each time a release occurs.

1.4 Limitations of Report

This report should be read in full. No responsibility is accepted for the use of any part of this report in any other context or for any other purpose or by third parties. This report does not purport to give legal advice. Legal advice can only be given by qualified legal practitioners.

This report has been prepared for the use of Carmona Resources in accordance with generally accepted consulting practices. Every effort has been made to ensure the information in this report is accurate as of the time of its writing. This report has not been prepared for use by parties other than the client, their contracting party, and their respective consulting advisors. It may not contain sufficient information for the purposes of other parties or for other uses.

This report was prepared upon completion of the associated fieldwork using a standard template prepared by Southwest Geophysical Consulting and is based on information collected prior to fieldwork, conditions encountered on site, and data collected during the fieldwork and reviewed at the time of preparation. Southwest Geophysical Consulting disclaims responsibility for any changes that might have occurred at the site after this time. The interpreted results, locations, and depths noted in this report (if applicable) should be taken as an interpretation only and no decision should be based solely on this information. Physical verification of aerial imagery analysis results should be conducted in the field prior to using this information for remediation planning. Physical verification of geophysical results using geotechnical methods should be conducted.

To the best of our knowledge, the information contained in this report is accurate at the date of issue. Due to the nature of karst terrain, the information in this report shall not be used beyond three years past the dates of the field work provided in section **2.3 Description of Survey**. Large weather events can shorten this time period as areas subject to karst development can rapidly form new features subsequent to these events.

2.0 LOCATION AND DESCRIPTION OF STUDY AREA

2.1 Description of Site

The site is located 34.3 kilometers (21.3 miles) southeast of Carlsbad, New Mexico, east of Rawhide and Gavilan Roads. The release area is located within the northeast ¼ section of section 31, NM T23S R30E^[6] (**Figure 1** and **Figure 2**). The region has rolling terrain with karstification occurring in the gypsite soils and underlying gypsum and dolomite bedrock^[7] (see section **2.2 Local Geology Summary** for further information). The climate in this area of southeast New Mexico is semi-arid with an average annual precipitation of approximately 13 inches, of which about two-thirds falls as rain during summer thunderstorms from June to October. Summers are hot and sunny while winters are generally mild, with an average maximum temperature of 96°F in July and an average minimum temperature of 28°F in January^[8]. This area is within the Chihuahuan Desert Thornscrub as defined by the Southwestern Regional ReGAP Vegetation map^[9] and the vegetation consists mostly of areas of blue grama, nine-awned pappus grass, burro grass and low scrub including yucca. The spill delineation boundary is located within both an HKOZ and MKOZ^[5] (**Figure 1**) and entirely within BLM-CFO managed land^[10] (**Figure 2**).

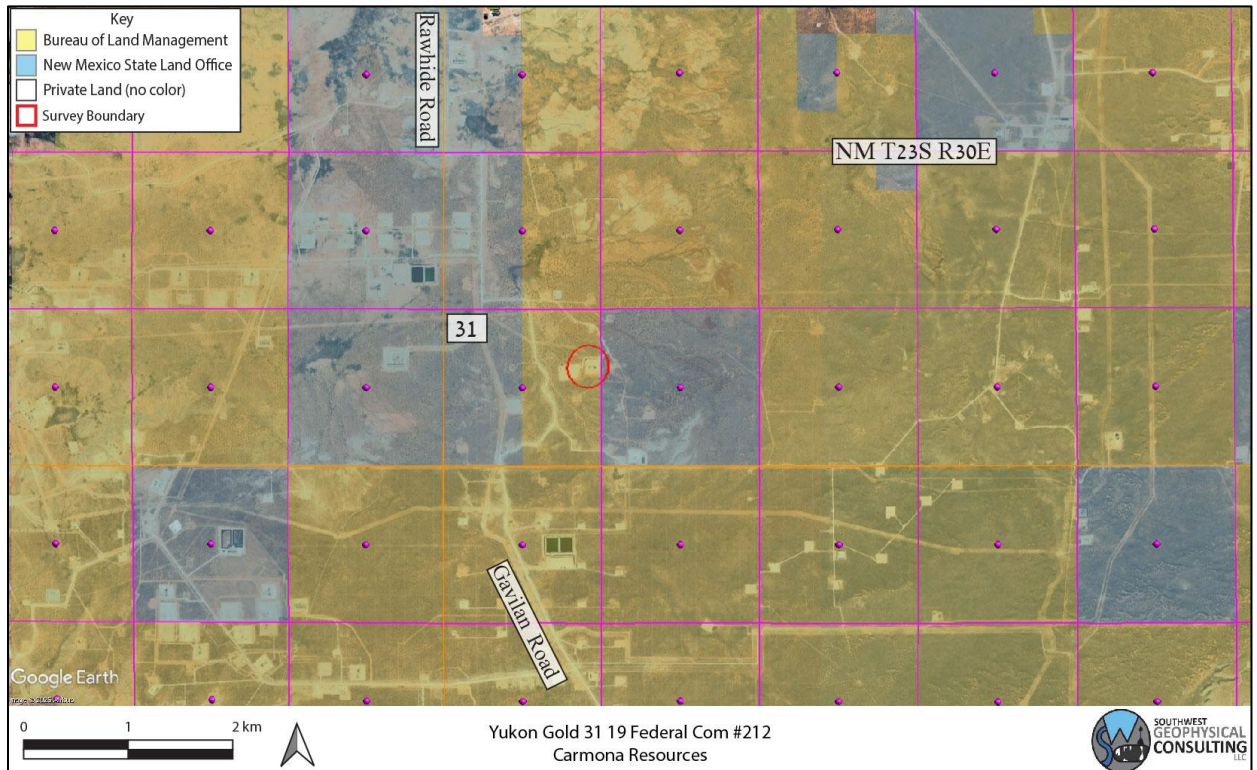


Figure 2: Land ownership and PLSS overview. Background image credit: Google Earth. Image date: August 21, 2024. Image datum: WGS-84.

2.2 Local Geology Summary

The site for the YG31 survey is located east of Nash Draw at an elevation of 967 meters (3,173 feet), ± 15 meters (49.2 feet). This region is entirely underlain by the Permian Rustler Formation (Pru). The area is mantled by thin gypsiferous soils (gypsite), Quaternary eolian deposits (Qe), and piedmont gravels (Qp)^[11] up to 5 meters in depth (**Figure 3**).

The Rustler Formation is an evaporite facies composed mainly of thin siltstones and sandstones interbedded with claystones, dolomite, and gypsum, and contains both karst-forming strata (the Forty-niner and Tamarisk members) and two shallow aquifers (the Magenta and Culebra Dolomite members)^[12].

The Pru overlies the Permian Salado Formation (Psl), a layer of extremely soluble halite which can readily dissolve to create caves, sinkholes, and other karst features; however, due to its extremely soluble nature, only non-soluble silt and sand remain from the dissolution of this layer at the surface^[12]. The Rustler Formation may be subject to collapse if a void has developed beneath it in the Salado Formation^[13].

The survey area is covered by the easily accessible Geologic Map of New Mexico (2003) at 1:500,000 scale^[11] and the Digital Geologic Map of New Mexico in ARC/INFO Format^[14].

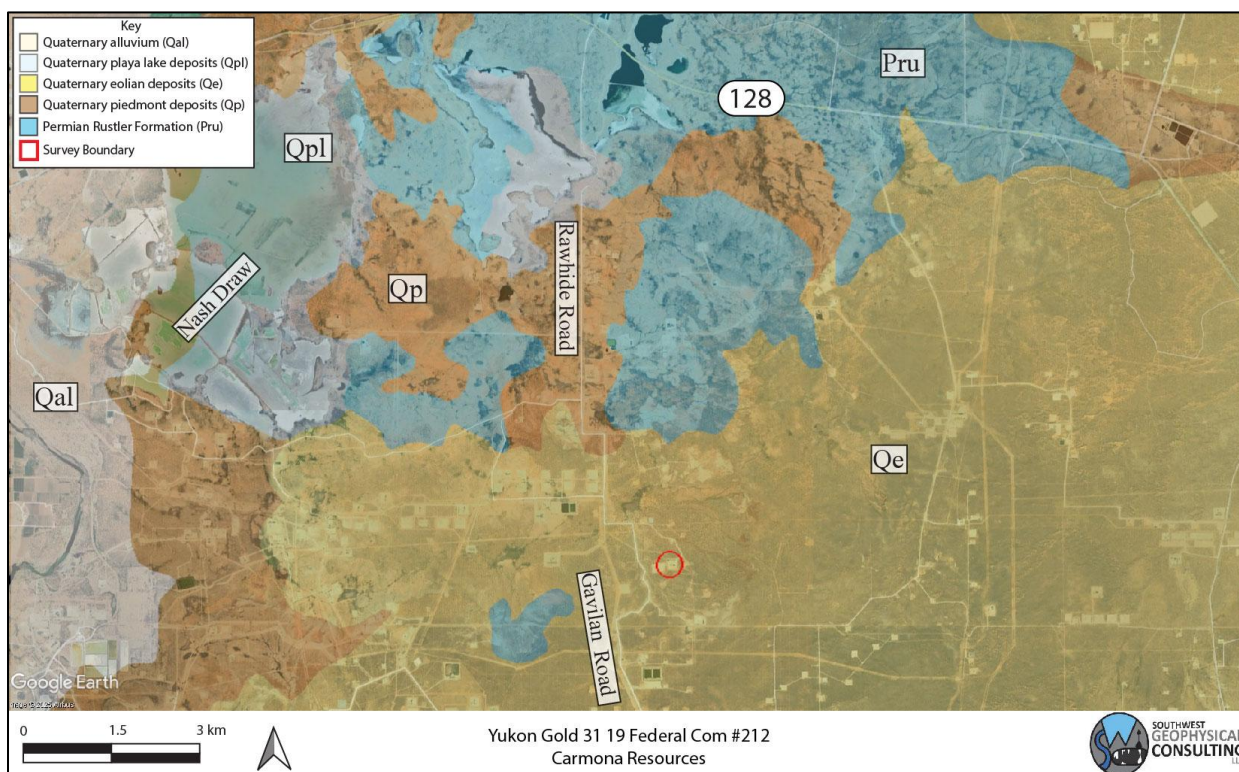


Figure 3: Geology overview. Geology map credit: The Digital Geologic Map of New Mexico in ARC/INFO Format. Background image credit: Google Earth. Image date: August 21, 2024. Image datum: WGS-84.

2.3 Description of Survey

2.3.1 Surface Karst Inventory

Southwest Geophysical Consulting, in partnership with SWCA Environmental Consultants, provides aerial karst surveys using small, uncrewed aerial systems (sUAS) that are flown by qualified, FAA licensed drone pilots and that meet the stringent Bureau of Land Management – Carlsbad Field Office requirements for both pedestrian and aerial karst surveys.

The aerial karst survey includes a surface karst desk study prior to the flight which allows us to provide client feedback in the event of any previously known karst features in the area. The desk study is performed out to 305 meters (1,000 feet) from the spill delineation boundary per New Mexico Oil Conservation Division guidance^[1] (**Figure 4**). The study was performed using satellite and aerial imagery from Google Earth Pro dated March 20, 2023 (please note features less than one meter in diameter are generally not visible using this method); the Southwest Geophysical Cave and Karst Database dated December 23, 2024^[15]; the Remuda Basin, NM, 1:24,000 quad, 1985, USGS topographic map; and the latest lidar imagery from CalTopo.com. Please note that we use older topographic maps because newer maps have had caves removed from them. These searches and queries returned no results within the survey boundary.

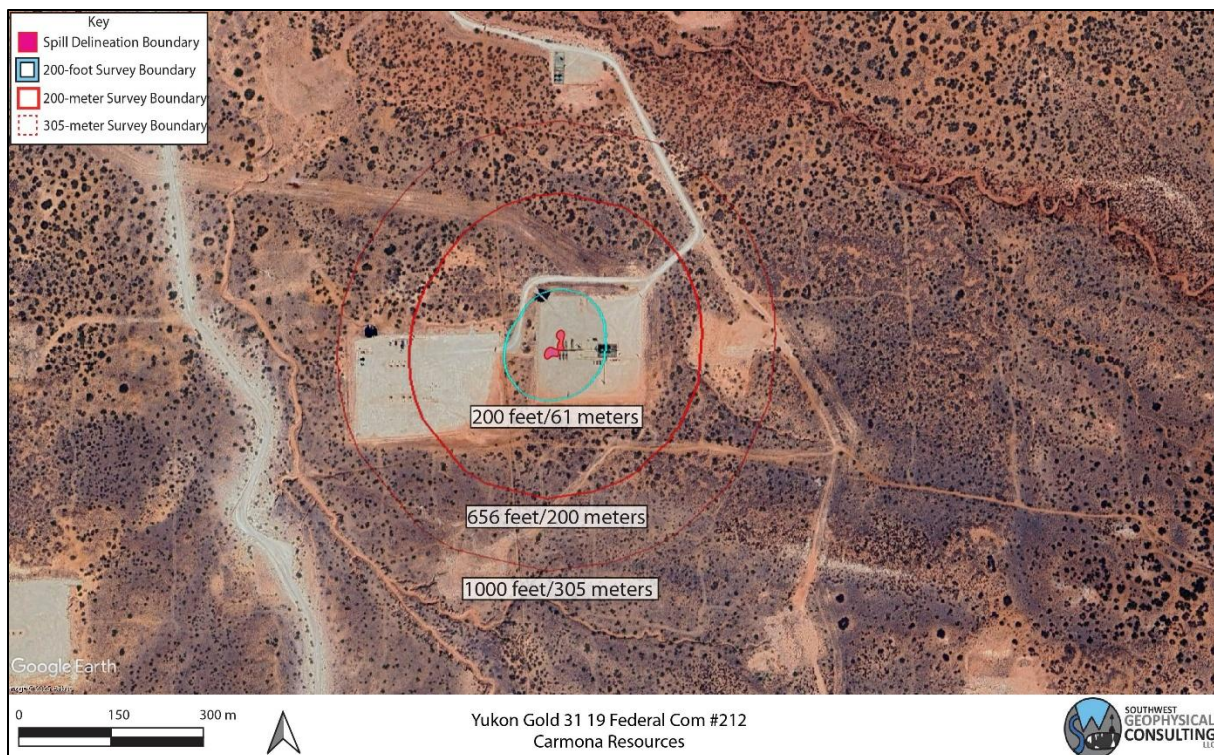


Figure 4: Surface survey overview. Background image credit: Google Earth. Image date: August 21, 2024. Datum: WGS-84.

Aerial karst surveys are conducted at low elevation within 200 meters of the spill delineation boundary^[4] (**Figure 4**) following a preplanned raster pattern flightpath designed for the purpose of generating at least 75% imagery overlap. The collected high-resolution, georeferenced imagery is stitched together to develop orthomosaic imagery which is further developed into a digital elevation model (DEM); the DEM is then processed into a local relief model (LRM) (**Figure 6**). This LRM is color coded to enhance differences in elevation of as little as five centimeters. The orthoimagery, DEM, and LRM are uploaded to a server where they are analyzed by an experienced karst geologist. Finally, the data is reviewed by a senior karst geologist for quality assurance and downloaded into a table for inclusion in a written report^[16].

The resolution of the orthoimagery is clear enough that features as small as 10 centimeters can be positively identified in most circumstances. Occasionally there are ambiguous features identified during an aerial survey that will need to be checked in the field if they are impacted by the proposed remediation efforts. Specifically, it is difficult to tell the difference between solution tubes, abandoned uncased well bores, and some burrows in drone imagery. If an ambiguous feature is located during imagery analysis, it is marked with a yellow dot in **Figure 6**. If a feature of any likelihood is subsequently verified in the field prior to publication of the report, the dot will be changed to a red triangle if confirmed as a karst feature or deleted if not.

The imagery for this study was collected via aerial survey by Pat Lagodney of SWCA on November 18, 2024. Surface karst features may have developed after this date and will not be noted in this report. Imagery analysis was completed by Dave Decker of Southwest Geophysical Consulting on December 2, 2024.

2.3.2 Geophysical Survey

For this survey, an Advanced Geosciences Inc. (AGI) SuperSting™ Wifi R8 with a multi-electrode switchbox, a 56-electrode array of 40-centimeter-long electrodes, and a tablet controller were used to image the subsurface. This survey consisted of one resistivity line in a dipole-dipole strong-gradient configuration laid out south to north. The single line consisted of 56 electrodes at 4-meter spacing, resulting in a 220-meter-long array (**Figure 5, Table 1**). A preconfigured command file was used to run the data collection (DDSG56). This electrode configuration provided a depth of investigation of 44 meters (144 feet) and a resolution of 2.0 to 2.5 meters (6.6 to 8.2 feet) within the first 5 to 8 meters (16 to 26 feet) from the surface. A Leica GS18 GPS was used to record electrode locations and elevations.

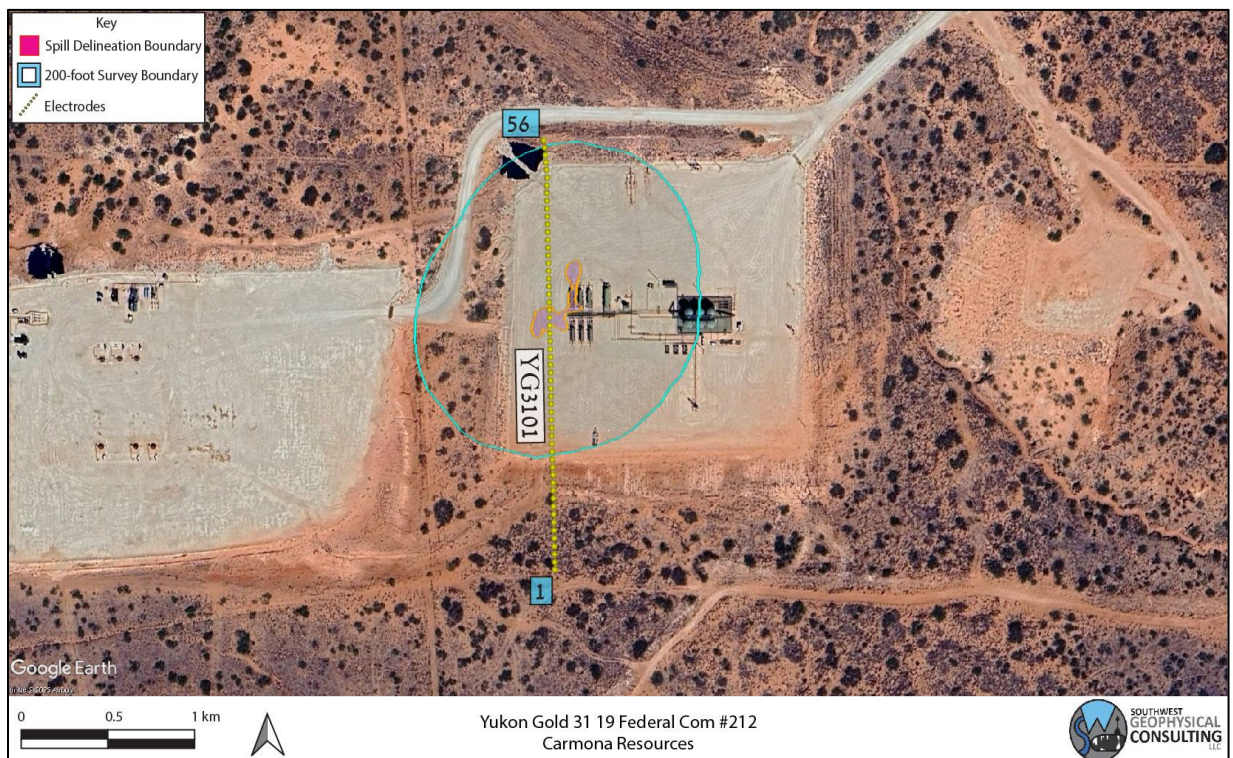


Figure 5: Geophysical survey overview. One survey line was conducted with 56 electrodes each at 4-meter spacing (yellow dots denoted with blue numbers). Background image credit: Google Earth. Image date: August 21, 2024. Image datum: WGS-84.

Table 1 provides basic line data. Detailed information including electrode number, location in latitude/ longitude (decimal degree format), and elevation in meters can be found in the accompanying data files.

Table 1: Survey Line Data Table. The .kmz file contains all the points for the survey line listed in the file name. These data are available in the accompanying files YG31_ERI_Points.xlsx and CARM-001-20241105_YG31_Data_Files.kmz.

File Name:	Completed By:	Date:
YG3101.kmz	Garrett Jorgensen Olague – Senior Field Geologist Britt Bommer – Field Geologist Steven Kesler – Field Geologist	1/27/2025

EarthImager™ 2D software was used to download and process the data and to provide the model used to make our interpretations. The design of the survey and the orientation of each of the lines provides the information necessary to make the determination of “stable” or “unstable” ground at this site.

A typical starting model was used for the data processing due to the two-layer model of the geology in the area; specifically, generally high-resistivity gypsum and dolomite at the surface and low-resistivity saturated gypsum and dolomite bedrock at depth. The starting model used was “average apparent resistivity” and a default inversion setting of “surface,” with a minimum apparent resistivity set to 0.1 Ohm-meters (Ohm-m or Ω-m) and a max apparent resistivity set to 100,000 Ω-m (**Table 2**).

Table 2: Software Information and Settings

Software Name:	EarthImager™ 2D
Version:	2.4.4.649
Starting Model:	Average Apparent Resistivity
Default Inversion Settings:	Surface
Changes to Default Inversion Settings:	Max Apparent Resistivity = 100 kΩ-m Min Apparent Resistivity = 0.1 Ω-m

Note: Raw data files (.stg files for EarthImager™ 2D) and processed data (.trn files, terrain files for surface correction in EarthImager™ 2D and .out files, the processed .stg files) are available upon request.

All field work, including setup, stow, and travel, was completed by Garrett Jorgensen Olague, Britt Bommer, and Steven Kesler on January 27, 2025.

3.0 RESULTS

3.1 Surface Karst Survey

The desk study and surface karst survey showed no surface karst features within the 200-foot (61-meter)^[1] survey area surrounding the spill delineation boundary (Figure 6). No springs exist within the 1,000-foot (305-meter)^[1] survey boundary.

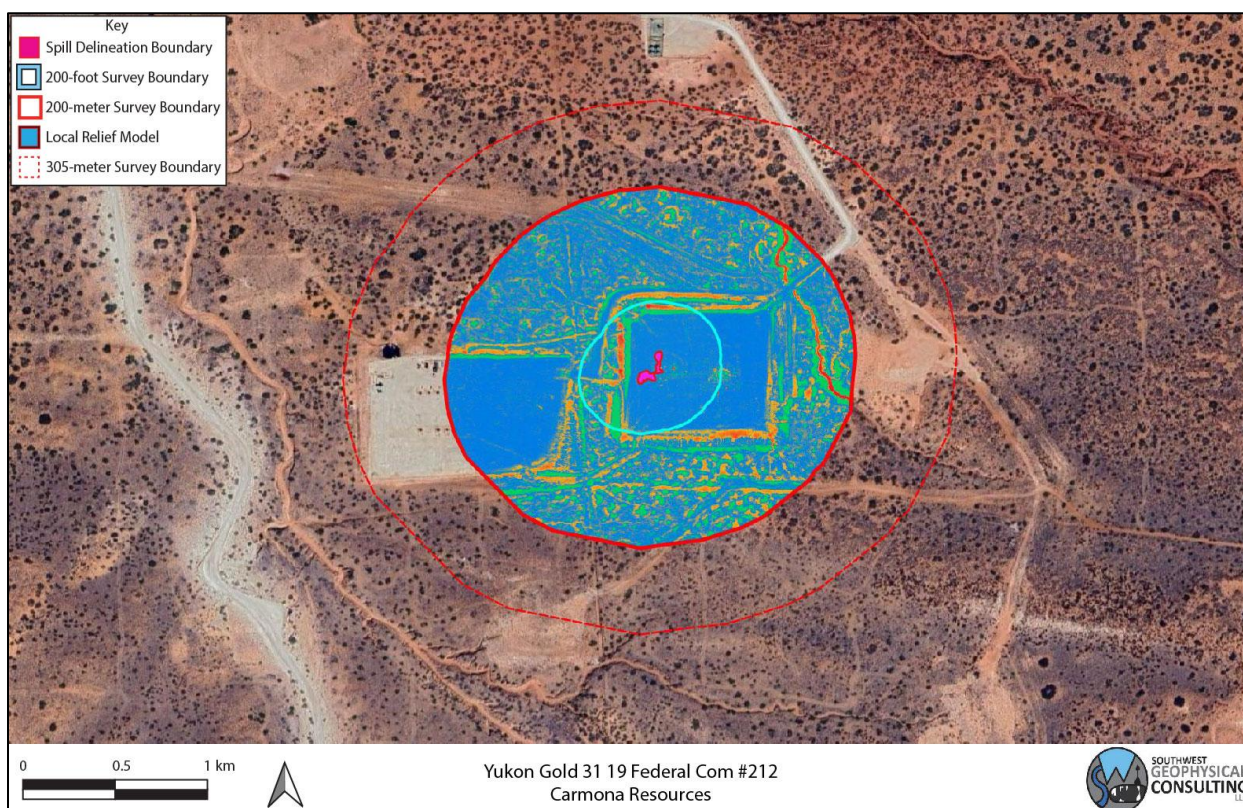


Figure 6: Aerial karst survey results. Background image credit: Google Earth. Image date: March 20, 2023. Image datum: WGS-84.

3.2 Geophysical Survey

Electrical resistivity tomography forms images of the subsurface by causing a current to flow through the rock and soil and then measuring the resistance of these materials as the current flows through them. This measurement is taken many times and the resulting data, once processed, is used to produce a model of the subsurface (**Figure 7**). This model is produced using "non-unique" solutions, which means that there are many models and interpretations which will satisfy the data. Using experience and knowledge of the local geology, a high-confidence model can be established and used to develop an accurate understanding of what lies below the surface. This survey was conducted with the express purpose of locating subsurface voids and does not purport to find paleokarst (old, non-

active karst features that have been filled in with sand and sediment) or nascent karst features below the resolution limit of the survey.

The results of this study indicate a moderately well-layered geologic system with resistivities between 3.3 and 1,572 Ohm-m (**Figure 7**). Please keep in mind when viewing the 2D inverted resistivity sections that color maps can be widely different for each view. Always check the color map located on the right side of the image when viewing the 2D images to ensure you understand the range of resistivities presented. Distances along the top and depths along the left side are in meters. The color map along the right side is in Ohm-m. Due to the nature of the survey, shallower zones have higher resolution between electrodes than deeper zones; therefore, small features at depth will not be visible.

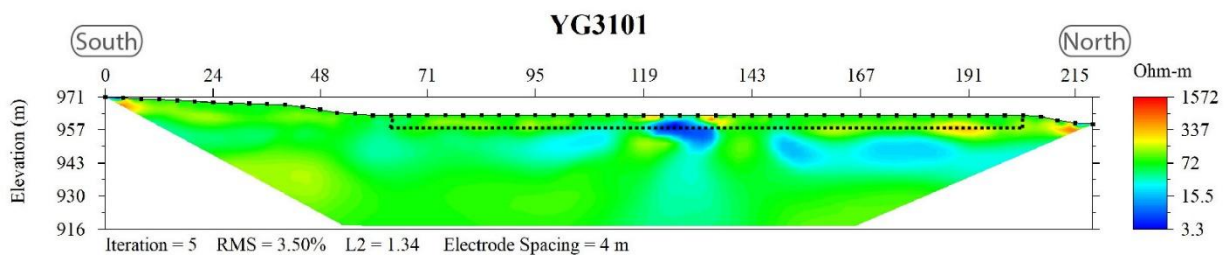


Figure 7: 2D inverted resistivity sections. Reds and oranges indicate higher resistivity values. Yellows and greens are medium-resistivity values. Blues are low-resistivity values. Please note that the color scale is relative. The dashed black line indicates the location of the well pad.

4.0 DISCUSSION

No anomalies consistent with air-filled subsurface voids are found within the YG31 survey area. However, small solutionally enlarged voids or fractures at or near the resolution limit of the survey (1.5 – 2.0 meters) may be present. Slightly higher-than-average resistivity areas less than 10 meters beneath the surface are interpreted as dry caliche or gypsite soils. Due to their low resistivity values when compared with significant subsurface voids, these features should not be a concern during remediation efforts. Areas of moderate resistivity (yellows, and greens) near the surface are interpreted as dry gypsite soils and gypsum bedrock of the Rustler Formation^[17] (**Figure 7** and **Figure 8**).

The low-resistivity area between 3.3 – 15 Ohm-m is interpreted to represent fluid from the brine release. Other low resistivity areas between 15 and 50 may represent surface-to-subsurface hydrologic pathways, or a layer of either clays and halite lenses or moist or saturated layers within the Rustler Formation. (**Figure 7**).

Please remember that these are interpretations made from knowledge of the local subsurface materials and experience. **They remain interpretations until verified by geotechnical methods.** Employing a BLM-CFO approved karst monitor on site during any drilling and/or remediation activities that require excavation below four feet in depth should be considered.

Fracture sets within the subsurface can act as hydrologic pathways to the water table. Rapid dissolution of gypsum can occur along these pathways creating solution-enlarged fractures, and in some cases, voids within months to years. For this reason, this survey is valid only for this remediation event.

Within karst terrains like the project site, small air- or sediment-filled voids and/or brecciated zones and solutionally enlarged fractures that are below the resolution limit of the survey (2.0 – 2.5 meters) may exist; these may be encountered during excavation, and if so, should be evaluated by a karst specialist prior to continued work.

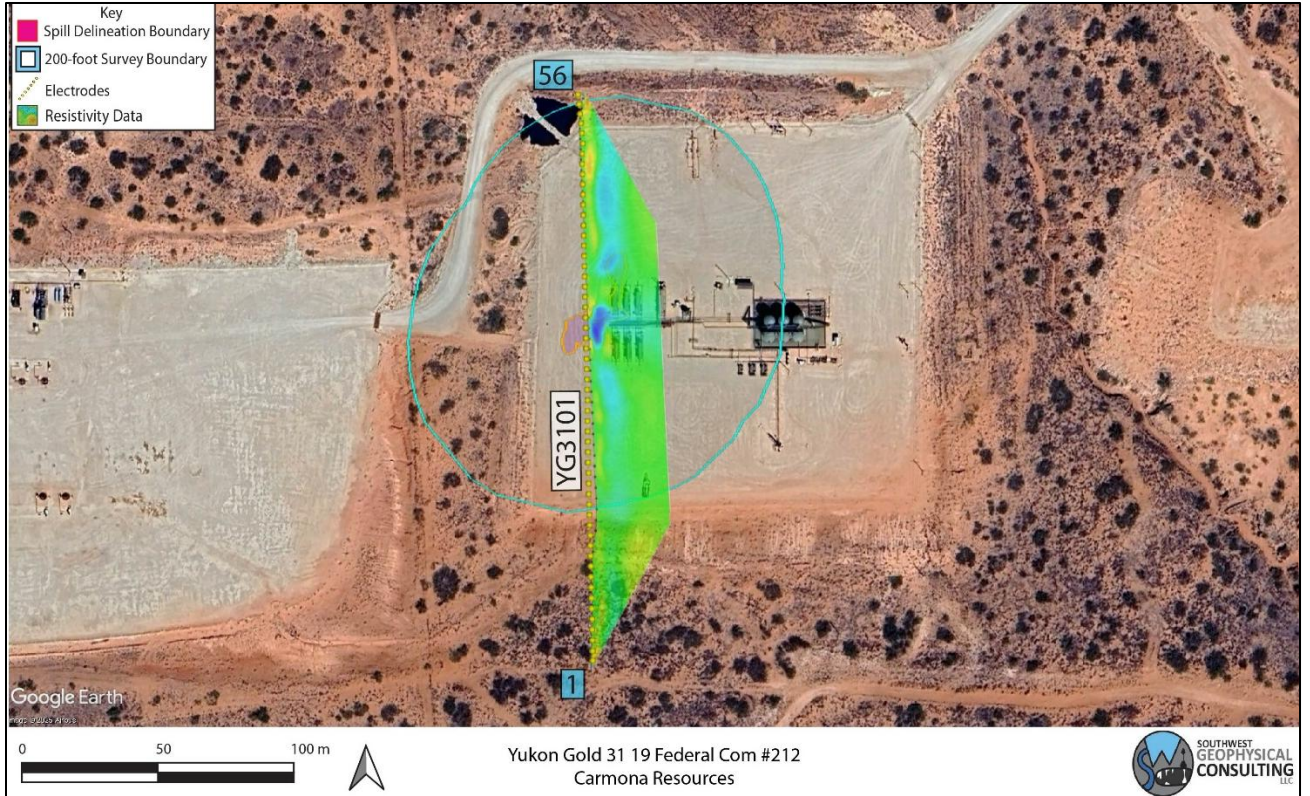


Figure 8: Data overlay. Colored trapezoid is the 2D inverted resistivity line. Background image credit: Google Earth. Image date: March 20, 2023.

5.0 SUMMARY

- **The YG31 survey contains no surface karst features within 200 feet (61 meters) of the spill delineation boundary.**
- **No shallow anomalies interpreted as large voids or related karst features that would present a danger to equipment operators are located within the survey area.**
- Intercepting a void during remediation is unlikely, but still possible. Small voids or solutionally enlarged fractures below the resolution limit of the survey may be encountered.
- **Well-layered stratigraphy is interpreted to exist beneath the area where the geophysical survey was conducted, indicating stable ground.**
- When conducting any remediation activities in this area, employing a BLM-CFO approved karst monitor on site should be considered.

6.0 DISCLOSURE STATEMENT

High karst occurrence zones are prone to rapid karst formation and warrant careful planning and engineering to mitigate karst-forming processes that could be accelerated by removal of surface cover or the vibrations associated with heavy equipment used in the remediation process.

Mitigation measures for any karst features revealed during excavation shall be approved by the Bureau of Land Management – Carlsbad Field Office and follow the Natural Resources Conservation Service Conservation Practice Standard for Karst Sinkhole Treatment, Code 527, or the Bureau of Land Management Cave and Karst Management Handbook, H-8380-1.

Vigilance during remediation activities is paramount. If voids are encountered during excavation, contact the Bureau of Land Management Karst Division at (575) 234-5972, the New Mexico State Land Office Surface Resources Division at (505) 827-5768, or a BLM-CFO approved karst contractor and request an on-site investigation from a karst expert if one is not already on site. A karst consultant can generally be available in Eddy County within five hours.

Approved karst monitors should have karst feature identification training, at least two years of supervised experience identifying karst features, wilderness first aid training, SRT training, confined space training, gas monitor training, and a minimum of SPAR cave rescue training through NCRC. They should have with them the proper gear and be prepared both physically and mentally to enter a collapse feature within minutes to perform a rescue if needed. Monitoring services with qualified karst monitors, as well as cave surveys and geophysical surveys, are available from Southwest Geophysical Consulting.

Under no circumstances should an untrained, inexperienced person enter a cave, pit, sinkhole, or collapse feature. All field employees of Southwest Geophysical Consulting have extensive caving experience and the ability to determine whether entry into a karst feature is safe or presents a hazard. In the event it is necessary to enter a karst feature, Southwest Geophysical Consulting can provide these services on request.

Cave and karst resource inventory reports, karst feature investigations, and geophysical reports commissioned at the request of the land manager should be submitted to:

BLM-CFO: blm_nm_karst@blm.gov

Cave and karst resource inventory reports for the NMSLO should be submitted to the respective project manager.

7.0 REFERENCES

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8.0 GLOSSARY OF TERMS

AGI	Advanced Geosciences Inc.
BLM-CFO	Bureau of Land Management - Carlsbad Field Office
brecciated	Fractured rock caused by faulting or collapse.
caprock-collapse sinkhole	Collapse of roof-spanning rock into a cave or void.
cave	Natural opening at the surface large enough for a person to enter.
cover-collapse sinkhole	Collapse of roof-spanning soil or clay ground cover into a subsurface void.
ERI	Electrical Resistivity Imaging
GPS	Global Positioning System
grike	A solutionally enlarged, vertical, or sub-vertical joint or fracture.
(H)	High confidence modifier for a PKF. This is typically reserved for a feature that is definitely karst but has not been confirmed in the field.
HKOZ	High Karst Occurrence Zone
karst	A landscape containing solutional features such as caves, sinkholes, swallets, and springs.
(L)	Low confidence modifier for a PKF. This is typically a feature that cannot be ruled out as karst but is most likely NOT karst related. This modifier may also be used for pseudokarst features.
(M)	Medium confidence modifier for PKF. This is an ambiguous feature that can't be positively identified as karst without a field visit (e.g., burrows, abandoned unlined wells, solution tubes, pseudokarst).
MKOZ	Medium Karst Occurrence Zone
NCRC	National Cave Rescue Commission
NKF	Non-karst feature. Used for features originally identified as PKF that have been subsequently identified in the field as non-karst related. This term may also be used for pseudokarst features.
NMSLO	New Mexico State Land Office
Ohm-m	Ohm-meter, a unit of measurement for resistivity. Sometimes abbreviated Ω -m.
paleokarst	Previously formed karst features that have been filled in by erosion and/or deposition of minerals.
Pat	Permian Artesia Group
Pc	Permian Capitan Formation
Pcs	Permian Castile Formation

Pdl	Permian Dewey Lake Formation
PKF	Possible karst feature. This term is reserved for features identified in satellite or aerial imagery that have NOT been visited in the field. Further modifiers include (H) for high confidence, (M) for medium confidence, and (L) for low confidence. These confidence levels are based on field experience.
PLSS	Public Land Survey System
Pqg	Permian Queen/Greyburg Formation
Pru	Permian Rustler Formation
pseudokarst	Karst-like features (sinkholes, conduits, voids etc.) that are not formed by dissolution. These types of features include soil piping, lava tubes, and some cover-collapse and suffosion sinkholes.
Psl	Permian Salado Formation
Psr	Permian Seven Rivers Formation
Pt	Permian Tansill Formation
Py	Permian Yates Formation
Qal	Quaternary alluvium
Qe	Quaternary eolian deposits
Qp	Quaternary piedmont deposits
Qpl	Quaternary playa lake deposits
RKF	Recognized karst feature. This term is reserved for karst features that have been physically verified in the field.
SPAR	Small Party Assisted Rescue
sUAS	Small, uncrewed aerial system
suffosion sinkhole	Raveling of soil into a pre-existing void or fracture.
swallet	A natural opening in the surface, too small for a person, that drains water to an aquifer. Some are "open," meaning a void can be seen below; some are "closed," meaning they are full of sediment.
SWG	Southwest Geophysical Consulting, LLC
UTM	Universal Transverse Mercator (projected coordinates)
(V)	Field verified modifier for a RKF. This indicates that the feature has been visited by a qualified karst professional in the field and fully identified
WGS	World Geodetic System (geographic coordinates)

9.0 ATTESTATION

David D. Decker, PhD, PG, CPG

Chief Executive Officer, Principal Geologist

Southwest Geophysical Consulting, LLC

5117 Fairfax Dr. NW

Albuquerque, NM 87114

dave@swgeophys.com

(505) 585-2550

CERTIFICATE OF AUTHOR

I, David D. Decker, a Licensed Professional Geologist and a Certified Professional Geologist, do certify that:

- I am currently employed as a consulting geologist in the specialty of caves and karst with an office address of 5117 Fairfax Dr. NW, Albuquerque, NM, USA, 87114.
- I graduated with a Master of Science in Applied Physics with a specialization in Sensor Systems from the Naval Post Graduate School in Monterey, California, in 2003, and a Doctor of Philosophy in Earth and Planetary Sciences from the University of New Mexico, Albuquerque, New Mexico, in 2018.
- I am a Licensed Professional Geologist in the State of Texas, USA (PG-15242) and have been since 2021. I am a Certified Professional Geologist through the American Institute of Professional Geologists (CPG-12123) and have been since 2021.
- I have been employed as a geologist continuously since 2016. I was previously employed as a Fire Controlman, Naval Flight Officer, and Aerospace Engineering Duty Officer in the U.S. Navy and operated, maintained, and installed various sensor systems including magnetic, electromagnetic, radar, communications, and acoustic systems in various capacities from 1986 through 2010.
- I have been involved in various aspects of cave and karst studies continuously since 1985, including exploration, mapping, and scientific studies.
- I have read the definition of “qualified karst professional” set out in the ASTM Standard Practice for Preliminary Karst Terrain Assessment for Site Development (ASTM E-1527). I meet the definition of “qualified professional” for the purposes of this standard.
- I am responsible for the content, compilation, and editing of all sections of report number CARM-001-20241105 entitled, “Environmental Karst Study Report, Yukon Gold 31 19 Federal Com #212, Eddy County, New Mexico.” I or a duly authorized and qualified representative of Southwest Geophysical Consulting, LLC, have personally visited this site and/or reviewed the aerial imagery on the date or dates mentioned in section **2.3 Description of Survey**.

- I have no prior involvement nor monetary interest in the described property or project, save for my fee for conducting this investigation and providing the report.

Dated in Albuquerque, New Mexico, February 23, 2025.



David D. Decker
PhD, CPG-12123



APPENDIX E

CARMONA RESOURCES





Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
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- 9
- 10
- 11
- 12
- 13
- 14

ANALYTICAL REPORT

PREPARED FOR

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

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JOB DESCRIPTION

Yukon Gold (04.05.2026)
 Eddy County NM

JOB NUMBER

890-9797-1

Eurofins Carlsbad
 1089 N Canal St.
 Carlsbad NM 88220



Eurofins Carlsbad

Job Notes

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

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

Authorization



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4/28/2026 2:13:29 PM

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

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Client: Carmona Resources
Project/Site: Yukon Gold (04.05.2026)

Laboratory Job ID: 890-9797-1
SDG: Eddy County NM

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	12
QC Sample Results	13
QC Association Summary	18
Lab Chronicle	21
Certification Summary	24
Method Summary	25
Sample Summary	26
Chain of Custody	27
Receipt Checklists	29

Definitions/Glossary

Client: Carmona Resources
Project/Site: Yukon Gold (04.05.2026)

Job ID: 890-9797-1
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
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
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: Yukon Gold (04.05.2026)

Job ID: 890-9797-1

Job ID: 890-9797-1

Eurofins Carlsbad

Job Narrative 890-9797-1

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 4/17/2026 2:16 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 -3.0°C.

GC VOA

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

Diesel Range Organics

Method 8015B NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-138248 and analytical batch 880-138699 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-138248 and analytical batch 880-138699 was outside control limits. Sample matrix interference and/or non-homogeneity is suspected.

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

HPLC/IC

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-138337 and analytical batch 880-138477 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

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Client Sample Results

Client: Carmona Resources
 Project/Site: Yukon Gold (04.05.2026)

Job ID: 890-9797-1
 SDG: Eddy County NM

Client Sample ID: CS-1 (0.5)

Lab Sample ID: 890-9797-1

Date Collected: 04/17/26 10:30

Matrix: Solid

Date Received: 04/17/26 14:16

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		04/22/26 13:59	04/27/26 17:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:59	04/27/26 17:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:59	04/27/26 17:41	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/22/26 13:59	04/27/26 17:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:59	04/27/26 17:41	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/22/26 13:59	04/27/26 17:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	04/22/26 13:59	04/27/26 17:41	1
1,4-Difluorobenzene (Surr)	94		70 - 130	04/22/26 13:59	04/27/26 17:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/27/26 17:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/24/26 05:26	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		04/19/26 17:42	04/24/26 05:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		04/19/26 17:42	04/24/26 05:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/19/26 17:42	04/24/26 05:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	04/19/26 17:42	04/24/26 05:26	1
o-Terphenyl	75		70 - 130	04/19/26 17:42	04/24/26 05:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	399		10.1		mg/Kg			04/21/26 23:45	1

Client Sample ID: CS-2 (0.5)

Lab Sample ID: 890-9797-2

Date Collected: 04/17/26 10:34

Matrix: Solid

Date Received: 04/17/26 14:16

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		04/22/26 13:59	04/27/26 18:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/22/26 13:59	04/27/26 18:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/22/26 13:59	04/27/26 18:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/22/26 13:59	04/27/26 18:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/22/26 13:59	04/27/26 18:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/22/26 13:59	04/27/26 18:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	04/22/26 13:59	04/27/26 18:02	1
1,4-Difluorobenzene (Surr)	99		70 - 130	04/22/26 13:59	04/27/26 18:02	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Yukon Gold (04.05.2026)

Job ID: 890-9797-1
 SDG: Eddy County NM

Client Sample ID: CS-2 (0.5)

Lab Sample ID: 890-9797-2

Date Collected: 04/17/26 10:34

Matrix: Solid

Date Received: 04/17/26 14:16

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			04/27/26 18:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/24/26 05:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/19/26 17:42	04/24/26 05:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		04/19/26 17:42	04/24/26 05:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/19/26 17:42	04/24/26 05:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				04/19/26 17:42	04/24/26 05:41	1
o-Terphenyl	73		70 - 130				04/19/26 17:42	04/24/26 05:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	349		9.98		mg/Kg			04/21/26 23:04	1

Client Sample ID: CS-3 (0.5)

Lab Sample ID: 890-9797-3

Date Collected: 04/17/26 10:36

Matrix: Solid

Date Received: 04/17/26 14:16

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		04/22/26 13:59	04/27/26 18:23	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/22/26 13:59	04/27/26 18:23	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/22/26 13:59	04/27/26 18:23	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/22/26 13:59	04/27/26 18:23	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/22/26 13:59	04/27/26 18:23	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/22/26 13:59	04/27/26 18:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				04/22/26 13:59	04/27/26 18:23	1
1,4-Difluorobenzene (Surr)	100		70 - 130				04/22/26 13:59	04/27/26 18:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/27/26 18:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/24/26 05:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/19/26 17:42	04/24/26 05:56	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		04/19/26 17:42	04/24/26 05:56	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Yukon Gold (04.05.2026)

Job ID: 890-9797-1
 SDG: Eddy County NM

Client Sample ID: CS-3 (0.5)

Lab Sample ID: 890-9797-3

Date Collected: 04/17/26 10:36

Matrix: Solid

Date Received: 04/17/26 14:16

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		04/19/26 17:42	04/24/26 05:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				04/19/26 17:42	04/24/26 05:56	1
o-Terphenyl	65	S1-	70 - 130				04/19/26 17:42	04/24/26 05:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	323		9.92		mg/Kg			04/21/26 23:19	1

Client Sample ID: CS-4 (0.5)

Lab Sample ID: 890-9797-4

Date Collected: 04/17/26 10:40

Matrix: Solid

Date Received: 04/17/26 14:16

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		04/22/26 13:59	04/27/26 18:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/22/26 13:59	04/27/26 18:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/22/26 13:59	04/27/26 18:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/22/26 13:59	04/27/26 18:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/22/26 13:59	04/27/26 18:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/22/26 13:59	04/27/26 18:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				04/22/26 13:59	04/27/26 18:43	1
1,4-Difluorobenzene (Surr)	99		70 - 130				04/22/26 13:59	04/27/26 18:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/27/26 18:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/24/26 06:11	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	<50.2	U	50.2		mg/Kg		04/19/26 17:42	04/24/26 06:11	1
Diesel Range Organics (Over C10-C28)	<50.2	U *1	50.2		mg/Kg		04/19/26 17:42	04/24/26 06:11	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/19/26 17:42	04/24/26 06:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				04/19/26 17:42	04/24/26 06:11	1
o-Terphenyl	84		70 - 130				04/19/26 17:42	04/24/26 06:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	352		9.92		mg/Kg			04/21/26 23:23	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Yukon Gold (04.05.2026)

Job ID: 890-9797-1
 SDG: Eddy County NM

Client Sample ID: CS-5 (0.5)

Lab Sample ID: 890-9797-5

Date Collected: 04/17/26 10:43

Matrix: Solid

Date Received: 04/17/26 14:16

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		04/22/26 13:59	04/27/26 19:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:59	04/27/26 19:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:59	04/27/26 19:04	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/22/26 13:59	04/27/26 19:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:59	04/27/26 19:04	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/22/26 13:59	04/27/26 19:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	04/22/26 13:59	04/27/26 19:04	1
1,4-Difluorobenzene (Surr)	99		70 - 130	04/22/26 13:59	04/27/26 19:04	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			04/27/26 19:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/24/26 06:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/19/26 17:42	04/24/26 06:26	1
Diesel Range Organics (Over C10-C28)	<50.1	U *1	50.1		mg/Kg		04/19/26 17:42	04/24/26 06:26	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/19/26 17:42	04/24/26 06:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	04/19/26 17:42	04/24/26 06:26	1
o-Terphenyl	72		70 - 130	04/19/26 17:42	04/24/26 06:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	436		9.96		mg/Kg			04/21/26 23:28	1

Client Sample ID: CS-6 (0.5)

Lab Sample ID: 890-9797-6

Date Collected: 04/17/26 10:47

Matrix: Solid

Date Received: 04/17/26 14:16

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		04/22/26 13:59	04/27/26 19:25	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/22/26 13:59	04/27/26 19:25	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/22/26 13:59	04/27/26 19:25	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/22/26 13:59	04/27/26 19:25	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/22/26 13:59	04/27/26 19:25	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/22/26 13:59	04/27/26 19:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	04/22/26 13:59	04/27/26 19:25	1
1,4-Difluorobenzene (Surr)	95		70 - 130	04/22/26 13:59	04/27/26 19:25	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Yukon Gold (04.05.2026)

Job ID: 890-9797-1
 SDG: Eddy County NM

Client Sample ID: CS-6 (0.5)

Lab Sample ID: 890-9797-6

Date Collected: 04/17/26 10:47

Matrix: Solid

Date Received: 04/17/26 14:16

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			04/27/26 19:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/24/26 06:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/19/26 17:42	04/24/26 06:42	1
Diesel Range Organics (Over C10-C28)	<50.1	U *1	50.1		mg/Kg		04/19/26 17:42	04/24/26 06:42	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/19/26 17:42	04/24/26 06:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	04/19/26 17:42	04/24/26 06:42	1
o-Terphenyl	99		70 - 130	04/19/26 17:42	04/24/26 06:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	426		10.0		mg/Kg			04/21/26 23:33	1

Client Sample ID: CS-7 (0.5)

Lab Sample ID: 890-9797-7

Date Collected: 04/17/26 10:51

Matrix: Solid

Date Received: 04/17/26 14:16

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		04/22/26 13:59	04/27/26 19:46	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/22/26 13:59	04/27/26 19:46	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/22/26 13:59	04/27/26 19:46	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/22/26 13:59	04/27/26 19:46	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/22/26 13:59	04/27/26 19:46	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/22/26 13:59	04/27/26 19:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	04/22/26 13:59	04/27/26 19:46	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/22/26 13:59	04/27/26 19:46	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			04/27/26 19:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/24/26 06:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/19/26 17:42	04/24/26 06:57	1
Diesel Range Organics (Over C10-C28)	<50.2	U *1	50.2		mg/Kg		04/19/26 17:42	04/24/26 06:57	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Yukon Gold (04.05.2026)

Job ID: 890-9797-1
 SDG: Eddy County NM

Client Sample ID: CS-7 (0.5)

Lab Sample ID: 890-9797-7

Date Collected: 04/17/26 10:51

Matrix: Solid

Date Received: 04/17/26 14:16

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		04/19/26 17:42	04/24/26 06:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				04/19/26 17:42	04/24/26 06:57	1
o-Terphenyl	62	S1-	70 - 130				04/19/26 17:42	04/24/26 06:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	276		10.0		mg/Kg			04/21/26 23:48	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Yukon Gold (04.05.2026)

Job ID: 890-9797-1
SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
890-9797-1	CS-1 (0.5)	102	94
890-9797-1 MS	CS-1 (0.5)	104	96
890-9797-1 MSD	CS-1 (0.5)	101	93
890-9797-2	CS-2 (0.5)	107	99
890-9797-3	CS-3 (0.5)	108	100
890-9797-4	CS-4 (0.5)	107	99
890-9797-5	CS-5 (0.5)	104	99
890-9797-6	CS-6 (0.5)	103	95
890-9797-7	CS-7 (0.5)	108	100
LCS 880-138628/1-A	Lab Control Sample	96	94
LCSD 880-138628/2-A	Lab Control Sample Dup	102	94
MB 880-138628/5-A	Method Blank	93	92

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-9794-A-9-B MS	Matrix Spike	87	101
890-9794-A-9-C MSD	Matrix Spike Duplicate	99	99
890-9797-1	CS-1 (0.5)	116	75
890-9797-2	CS-2 (0.5)	101	73
890-9797-3	CS-3 (0.5)	109	65 S1-
890-9797-4	CS-4 (0.5)	98	84
890-9797-5	CS-5 (0.5)	97	72
890-9797-6	CS-6 (0.5)	98	99
890-9797-7	CS-7 (0.5)	109	62 S1-
LCS 880-138248/2-A	Lab Control Sample	100	93
LCSD 880-138248/3-A	Lab Control Sample Dup	83	68 S1-
MB 880-138248/1-A	Method Blank	112	79

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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QC Sample Results

Client: Carmona Resources
 Project/Site: Yukon Gold (04.05.2026)

Job ID: 890-9797-1
 SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-138628/5-A
 Matrix: Solid
 Analysis Batch: 139036

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 138628

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:59	04/27/26 17:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:59	04/27/26 17:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:59	04/27/26 17:19	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/22/26 13:59	04/27/26 17:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:59	04/27/26 17:19	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/22/26 13:59	04/27/26 17:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	04/22/26 13:59	04/27/26 17:19	1
1,4-Difluorobenzene (Surr)	92		70 - 130	04/22/26 13:59	04/27/26 17:19	1

Lab Sample ID: LCS 880-138628/1-A
 Matrix: Solid
 Analysis Batch: 139036

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 138628

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1130		mg/Kg		113	70 - 130
Toluene	0.100	0.1094		mg/Kg		109	70 - 130
Ethylbenzene	0.100	0.1044		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	0.200	0.2113		mg/Kg		106	70 - 130
o-Xylene	0.100	0.1057		mg/Kg		106	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-138628/2-A
 Matrix: Solid
 Analysis Batch: 139036

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 138628

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1066		mg/Kg		107	70 - 130	6	35
Toluene	0.100	0.1060		mg/Kg		106	70 - 130	3	35
Ethylbenzene	0.100	0.09988		mg/Kg		100	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.2035		mg/Kg		102	70 - 130	4	35
o-Xylene	0.100	0.1023		mg/Kg		102	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 890-9797-1 MS
 Matrix: Solid
 Analysis Batch: 139036

Client Sample ID: CS-1 (0.5)
 Prep Type: Total/NA
 Prep Batch: 138628

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08732		mg/Kg		87	70 - 130
Toluene	<0.00200	U	0.100	0.08271		mg/Kg		83	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Yukon Gold (04.05.2026)

Job ID: 890-9797-1
 SDG: Eddy County NM

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

Lab Sample ID: 890-9797-1 MS
 Matrix: Solid
 Analysis Batch: 139036

Client Sample ID: CS-1 (0.5)
 Prep Type: Total/NA
 Prep Batch: 138628

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.07719		mg/Kg		77	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1565		mg/Kg		78	70 - 130
o-Xylene	<0.00200	U	0.100	0.08308		mg/Kg		83	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 890-9797-1 MSD
 Matrix: Solid
 Analysis Batch: 139036

Client Sample ID: CS-1 (0.5)
 Prep Type: Total/NA
 Prep Batch: 138628

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	0.08711		mg/Kg		87	70 - 130	0	35
Toluene	<0.00200	U	0.100	0.08482		mg/Kg		85	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.07703		mg/Kg		77	70 - 130	0	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1581		mg/Kg		79	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.08171		mg/Kg		82	70 - 130	2	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

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

Lab Sample ID: MB 880-138248/1-A
 Matrix: Solid
 Analysis Batch: 138699

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 138248

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		04/19/26 17:42	04/24/26 00:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/19/26 17:42	04/24/26 00:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/19/26 17:42	04/24/26 00:51	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	04/19/26 17:42	04/24/26 00:51	1
o-Terphenyl	79		70 - 130	04/19/26 17:42	04/24/26 00:51	1

Lab Sample ID: LCS 880-138248/2-A
 Matrix: Solid
 Analysis Batch: 138699

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 138248

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1117		mg/Kg		112	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1161		mg/Kg		116	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Yukon Gold (04.05.2026)

Job ID: 890-9797-1
 SDG: Eddy County NM

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

Lab Sample ID: LCS 880-138248/2-A
Matrix: Solid
Analysis Batch: 138699

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 138248

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	100		70 - 130
o-Terphenyl	93		70 - 130

Lab Sample ID: LCSD 880-138248/3-A
Matrix: Solid
Analysis Batch: 138699

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 138248

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	1184		mg/Kg		118	70 - 130	6	20	
Diesel Range Organics (Over C10-C28)	1000	878.9	*1	mg/Kg		88	70 - 130	28	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	83		70 - 130
o-Terphenyl	68	S1-	70 - 130

Lab Sample ID: 890-9794-A-9-B MS
Matrix: Solid
Analysis Batch: 138699

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 138248

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2 F1	1000	1464	F1	mg/Kg		142	70 - 130	
Diesel Range Organics (Over C10-C28)	939	*1	1000	1802		mg/Kg		86	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	87		70 - 130
o-Terphenyl	101		70 - 130

Lab Sample ID: 890-9794-A-9-C MSD
Matrix: Solid
Analysis Batch: 138699

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 138248

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2 F1	1000	1810	F1 F2	mg/Kg		176	70 - 130	21	20	
Diesel Range Organics (Over C10-C28)	939	*1	1000	1836		mg/Kg		90	70 - 130	2	20	

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	99		70 - 130
o-Terphenyl	99		70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: Yukon Gold (04.05.2026)

Job ID: 890-9797-1
 SDG: Eddy County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-138337/1-A
 Matrix: Solid
 Analysis Batch: 138477

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			04/21/26 21:08	1

Lab Sample ID: LCS 880-138337/2-A
 Matrix: Solid
 Analysis Batch: 138477

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	246.9		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-138337/3-A
 Matrix: Solid
 Analysis Batch: 138477

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	234.9		mg/Kg		94	90 - 110	5	20

Lab Sample ID: 890-9795-A-3-C MS
 Matrix: Solid
 Analysis Batch: 138477

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	10500	F1	4970	16890	F1	mg/Kg		129	90 - 110

Lab Sample ID: 890-9795-A-3-D MSD
 Matrix: Solid
 Analysis Batch: 138477

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	10500	F1	4970	16710	F1	mg/Kg		126	90 - 110	1	20

Lab Sample ID: MB 880-138338/1-A
 Matrix: Solid
 Analysis Batch: 138500

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			04/21/26 22:50	1

Lab Sample ID: LCS 880-138338/2-A
 Matrix: Solid
 Analysis Batch: 138500

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	259.2		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-138338/3-A
 Matrix: Solid
 Analysis Batch: 138500

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	261.7		mg/Kg		105	90 - 110	1	20

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QC Sample Results

Client: Carmona Resources
 Project/Site: Yukon Gold (04.05.2026)

Job ID: 890-9797-1
 SDG: Eddy County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-9797-2 MS
Matrix: Solid
Analysis Batch: 138500

Client Sample ID: CS-2 (0.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	349		250	588.5		mg/Kg		96	90 - 110

Lab Sample ID: 890-9797-2 MSD
Matrix: Solid
Analysis Batch: 138500

Client Sample ID: CS-2 (0.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	349		250	590.1		mg/Kg		97	90 - 110	0	20

- 1
- 2
- 3
- 4
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- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

QC Association Summary

Client: Carmona Resources
 Project/Site: Yukon Gold (04.05.2026)

Job ID: 890-9797-1
 SDG: Eddy County NM

GC VOA

Prep Batch: 138628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9797-1	CS-1 (0.5)	Total/NA	Solid	5035	
890-9797-2	CS-2 (0.5)	Total/NA	Solid	5035	
890-9797-3	CS-3 (0.5)	Total/NA	Solid	5035	
890-9797-4	CS-4 (0.5)	Total/NA	Solid	5035	
890-9797-5	CS-5 (0.5)	Total/NA	Solid	5035	
890-9797-6	CS-6 (0.5)	Total/NA	Solid	5035	
890-9797-7	CS-7 (0.5)	Total/NA	Solid	5035	
MB 880-138628/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-138628/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 880-138628/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9797-1 MS	CS-1 (0.5)	Total/NA	Solid	5035	
890-9797-1 MSD	CS-1 (0.5)	Total/NA	Solid	5035	

Analysis Batch: 139036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9797-1	CS-1 (0.5)	Total/NA	Solid	8021B	138628
890-9797-2	CS-2 (0.5)	Total/NA	Solid	8021B	138628
890-9797-3	CS-3 (0.5)	Total/NA	Solid	8021B	138628
890-9797-4	CS-4 (0.5)	Total/NA	Solid	8021B	138628
890-9797-5	CS-5 (0.5)	Total/NA	Solid	8021B	138628
890-9797-6	CS-6 (0.5)	Total/NA	Solid	8021B	138628
890-9797-7	CS-7 (0.5)	Total/NA	Solid	8021B	138628
MB 880-138628/5-A	Method Blank	Total/NA	Solid	8021B	138628
LCS 880-138628/1-A	Lab Control Sample	Total/NA	Solid	8021B	138628
LCS 880-138628/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	138628
890-9797-1 MS	CS-1 (0.5)	Total/NA	Solid	8021B	138628
890-9797-1 MSD	CS-1 (0.5)	Total/NA	Solid	8021B	138628

Analysis Batch: 139254

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9797-1	CS-1 (0.5)	Total/NA	Solid	Total BTEX	
890-9797-2	CS-2 (0.5)	Total/NA	Solid	Total BTEX	
890-9797-3	CS-3 (0.5)	Total/NA	Solid	Total BTEX	
890-9797-4	CS-4 (0.5)	Total/NA	Solid	Total BTEX	
890-9797-5	CS-5 (0.5)	Total/NA	Solid	Total BTEX	
890-9797-6	CS-6 (0.5)	Total/NA	Solid	Total BTEX	
890-9797-7	CS-7 (0.5)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 138248

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9797-1	CS-1 (0.5)	Total/NA	Solid	8015NM Prep	
890-9797-2	CS-2 (0.5)	Total/NA	Solid	8015NM Prep	
890-9797-3	CS-3 (0.5)	Total/NA	Solid	8015NM Prep	
890-9797-4	CS-4 (0.5)	Total/NA	Solid	8015NM Prep	
890-9797-5	CS-5 (0.5)	Total/NA	Solid	8015NM Prep	
890-9797-6	CS-6 (0.5)	Total/NA	Solid	8015NM Prep	
890-9797-7	CS-7 (0.5)	Total/NA	Solid	8015NM Prep	
MB 880-138248/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-138248/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: Yukon Gold (04.05.2026)

Job ID: 890-9797-1
SDG: Eddy County NM

GC Semi VOA (Continued)

Prep Batch: 138248 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-138248/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9794-A-9-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9794-A-9-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 138699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9797-1	CS-1 (0.5)	Total/NA	Solid	8015B NM	138248
890-9797-2	CS-2 (0.5)	Total/NA	Solid	8015B NM	138248
890-9797-3	CS-3 (0.5)	Total/NA	Solid	8015B NM	138248
890-9797-4	CS-4 (0.5)	Total/NA	Solid	8015B NM	138248
890-9797-5	CS-5 (0.5)	Total/NA	Solid	8015B NM	138248
890-9797-6	CS-6 (0.5)	Total/NA	Solid	8015B NM	138248
890-9797-7	CS-7 (0.5)	Total/NA	Solid	8015B NM	138248
MB 880-138248/1-A	Method Blank	Total/NA	Solid	8015B NM	138248
LCS 880-138248/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	138248
LCSD 880-138248/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	138248
890-9794-A-9-B MS	Matrix Spike	Total/NA	Solid	8015B NM	138248
890-9794-A-9-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	138248

Analysis Batch: 138874

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9797-1	CS-1 (0.5)	Total/NA	Solid	8015 NM	
890-9797-2	CS-2 (0.5)	Total/NA	Solid	8015 NM	
890-9797-3	CS-3 (0.5)	Total/NA	Solid	8015 NM	
890-9797-4	CS-4 (0.5)	Total/NA	Solid	8015 NM	
890-9797-5	CS-5 (0.5)	Total/NA	Solid	8015 NM	
890-9797-6	CS-6 (0.5)	Total/NA	Solid	8015 NM	
890-9797-7	CS-7 (0.5)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 138337

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9797-1	CS-1 (0.5)	Soluble	Solid	DI Leach	
MB 880-138337/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-138337/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-138337/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9795-A-3-C MS	Matrix Spike	Soluble	Solid	DI Leach	
890-9795-A-3-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 138338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9797-2	CS-2 (0.5)	Soluble	Solid	DI Leach	
890-9797-3	CS-3 (0.5)	Soluble	Solid	DI Leach	
890-9797-4	CS-4 (0.5)	Soluble	Solid	DI Leach	
890-9797-5	CS-5 (0.5)	Soluble	Solid	DI Leach	
890-9797-6	CS-6 (0.5)	Soluble	Solid	DI Leach	
890-9797-7	CS-7 (0.5)	Soluble	Solid	DI Leach	
MB 880-138338/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-138338/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-138338/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Carmona Resources
 Project/Site: Yukon Gold (04.05.2026)

Job ID: 890-9797-1
 SDG: Eddy County NM

HPLC/IC (Continued)

Leach Batch: 138338 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9797-2 MS	CS-2 (0.5)	Soluble	Solid	DI Leach	
890-9797-2 MSD	CS-2 (0.5)	Soluble	Solid	DI Leach	

Analysis Batch: 138477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9797-1	CS-1 (0.5)	Soluble	Solid	300.0	138337
MB 880-138337/1-A	Method Blank	Soluble	Solid	300.0	138337
LCS 880-138337/2-A	Lab Control Sample	Soluble	Solid	300.0	138337
LCSD 880-138337/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	138337
890-9795-A-3-C MS	Matrix Spike	Soluble	Solid	300.0	138337
890-9795-A-3-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	138337

Analysis Batch: 138500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9797-2	CS-2 (0.5)	Soluble	Solid	300.0	138338
890-9797-3	CS-3 (0.5)	Soluble	Solid	300.0	138338
890-9797-4	CS-4 (0.5)	Soluble	Solid	300.0	138338
890-9797-5	CS-5 (0.5)	Soluble	Solid	300.0	138338
890-9797-6	CS-6 (0.5)	Soluble	Solid	300.0	138338
890-9797-7	CS-7 (0.5)	Soluble	Solid	300.0	138338
MB 880-138338/1-A	Method Blank	Soluble	Solid	300.0	138338
LCS 880-138338/2-A	Lab Control Sample	Soluble	Solid	300.0	138338
LCSD 880-138338/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	138338
890-9797-2 MS	CS-2 (0.5)	Soluble	Solid	300.0	138338
890-9797-2 MSD	CS-2 (0.5)	Soluble	Solid	300.0	138338

Lab Chronicle

Client: Carmona Resources
 Project/Site: Yukon Gold (04.05.2026)

Job ID: 890-9797-1
 SDG: Eddy County NM

Client Sample ID: CS-1 (0.5)

Lab Sample ID: 890-9797-1

Date Collected: 04/17/26 10:30

Matrix: Solid

Date Received: 04/17/26 14:16

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	138628	04/22/26 13:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139036	04/27/26 17:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139254	04/27/26 17:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			138874	04/24/26 05:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138248	04/19/26 17:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138699	04/24/26 05:26	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	138337	04/20/26 15:09	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138477	04/21/26 23:45	CS	EET MID

Client Sample ID: CS-2 (0.5)

Lab Sample ID: 890-9797-2

Date Collected: 04/17/26 10:34

Matrix: Solid

Date Received: 04/17/26 14:16

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	138628	04/22/26 13:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139036	04/27/26 18:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139254	04/27/26 18:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			138874	04/24/26 05:41	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138248	04/19/26 17:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138699	04/24/26 05:41	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	138338	04/20/26 15:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138500	04/21/26 23:04	CS	EET MID

Client Sample ID: CS-3 (0.5)

Lab Sample ID: 890-9797-3

Date Collected: 04/17/26 10:36

Matrix: Solid

Date Received: 04/17/26 14:16

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	138628	04/22/26 13:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139036	04/27/26 18:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139254	04/27/26 18:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			138874	04/24/26 05:56	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	138248	04/19/26 17:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138699	04/24/26 05:56	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138338	04/20/26 15:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138500	04/21/26 23:19	CS	EET MID

Client Sample ID: CS-4 (0.5)

Lab Sample ID: 890-9797-4

Date Collected: 04/17/26 10:40

Matrix: Solid

Date Received: 04/17/26 14:16

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	138628	04/22/26 13:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139036	04/27/26 18:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139254	04/27/26 18:43	SA	EET MID

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Lab Chronicle

Client: Carmona Resources
 Project/Site: Yukon Gold (04.05.2026)

Job ID: 890-9797-1
 SDG: Eddy County NM

Client Sample ID: CS-4 (0.5)

Lab Sample ID: 890-9797-4

Date Collected: 04/17/26 10:40

Matrix: Solid

Date Received: 04/17/26 14:16

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			138874	04/24/26 06:11	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	138248	04/19/26 17:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138699	04/24/26 06:11	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138338	04/20/26 15:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138500	04/21/26 23:23	CS	EET MID

Client Sample ID: CS-5 (0.5)

Lab Sample ID: 890-9797-5

Date Collected: 04/17/26 10:43

Matrix: Solid

Date Received: 04/17/26 14:16

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	138628	04/22/26 13:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139036	04/27/26 19:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139254	04/27/26 19:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			138874	04/24/26 06:26	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	138248	04/19/26 17:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138699	04/24/26 06:26	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138338	04/20/26 15:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138500	04/21/26 23:28	CS	EET MID

Client Sample ID: CS-6 (0.5)

Lab Sample ID: 890-9797-6

Date Collected: 04/17/26 10:47

Matrix: Solid

Date Received: 04/17/26 14:16

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	138628	04/22/26 13:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139036	04/27/26 19:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139254	04/27/26 19:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			138874	04/24/26 06:42	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	138248	04/19/26 17:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138699	04/24/26 06:42	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	138338	04/20/26 15:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138500	04/21/26 23:33	CS	EET MID

Client Sample ID: CS-7 (0.5)

Lab Sample ID: 890-9797-7

Date Collected: 04/17/26 10:51

Matrix: Solid

Date Received: 04/17/26 14:16

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	138628	04/22/26 13:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139036	04/27/26 19:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139254	04/27/26 19:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			138874	04/24/26 06:57	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	138248	04/19/26 17:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138699	04/24/26 06:57	FC	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Yukon Gold (04.05.2026)

Job ID: 890-9797-1
SDG: Eddy County NM

Client Sample ID: CS-7 (0.5)

Lab Sample ID: 890-9797-7

Date Collected: 04/17/26 10:51

Matrix: Solid

Date Received: 04/17/26 14:16

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	138338	04/20/26 15:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138500	04/21/26 23:48	CS	EET MID

Laboratory References:

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

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Yukon Gold (04.05.2026)

Job ID: 890-9797-1
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

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Method Summary

Client: Carmona Resources
Project/Site: Yukon Gold (04.05.2026)

Job ID: 890-9797-1
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: Yukon Gold (04.05.2026)

Job ID: 890-9797-1
SDG: Eddy County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9797-1	CS-1 (0.5)	Solid	04/17/26 10:30	04/17/26 14:16	Texas
890-9797-2	CS-2 (0.5)	Solid	04/17/26 10:34	04/17/26 14:16	Texas
890-9797-3	CS-3 (0.5)	Solid	04/17/26 10:36	04/17/26 14:16	Texas
890-9797-4	CS-4 (0.5)	Solid	04/17/26 10:40	04/17/26 14:16	Texas
890-9797-5	CS-5 (0.5)	Solid	04/17/26 10:43	04/17/26 14:16	Texas
890-9797-6	CS-6 (0.5)	Solid	04/17/26 10:47	04/17/26 14:16	Texas
890-9797-7	CS-7 (0.5)	Solid	04/17/26 10:51	04/17/26 14:16	Texas

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Eurofins Carlsbad

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

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)

Client Contact: N/A
Shipping/Receiving: N/A
Company: Eurofins Environment Testing South Cent
Address: 1211 W. Florida Ave.
City: Midland
State Zip: TX, 79701
Phone: 432-704-5440(Tel)
Email: N/A
Project Name: Yukon Gold (04.05.2026)
Site: N/A
Lab Pkt: Kramer, Jessica
E-Mail: Jessica.Kramer@get.eurofins.com
State of Origin: Texas
COC No.: 890-6820-1
Page: Page 1 of 1
Job #: 890-9797-1
Preservation Codes:

Due Date Requested: 4/23/2026
TAT Requested (days): N/A
Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=Solid, O=Overstabil, BT=Trasiv. Aash)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28/DI_LEACH	Chloride	8021B/5035FP_Calc	BTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_Prep	TPH	8015	Total Number of containers	Special Instructions/Note:
CS-1 (0.5) (890-9797-1)	4/17/26	10:30	G	Solid	X	X	X	X	X	X	X	X	X	X	X	1	
CS-2 (0.5) (890-9797-2)	4/17/26	10:34	G	Solid	X	X	X	X	X	X	X	X	X	X	X	1	
CS-3 (0.5) (890-9797-3)	4/17/26	10:36	G	Solid	X	X	X	X	X	X	X	X	X	X	X	1	
CS-4 (0.5) (890-9797-4)	4/17/26	10:40	G	Solid	X	X	X	X	X	X	X	X	X	X	X	1	
CS-5 (0.5) (890-9797-5)	4/17/26	10:43	G	Solid	X	X	X	X	X	X	X	X	X	X	X	1	
CS-6 (0.5) (890-9797-6)	4/17/26	10:47	G	Solid	X	X	X	X	X	X	X	X	X	X	X	1	
CS-7 (0.5) (890-9797-7)	4/17/26	10:51	G	Solid	X	X	X	X	X	X	X	X	X	X	X	1	

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

Possible Hazard Identification

Unconfirmed
Deliverable Requested: I, II, III, IV, Other (Specify) Primary Deliverable Rank: 2
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

Empty Kit Relinquished by: _____ Date: _____

Relinquished by: *alld* Date/Time: _____ Company: _____

Relinquished by: _____ Date/Time: _____ Company: _____

Relinquished by: _____ Date/Time: _____ Company: _____

Custody Seals Intact: Yes No Custody Seal No.: _____

Cooler Temperature(s) °C and Other Remarks: _____

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9797-1
SDG Number: Eddy County NM

Login Number: 9797

List Number: 1

Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

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

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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9797-1
SDG Number: Eddy County NM

Login Number: 9797
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 04/19/26 03:38 PM

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

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/27/2026 1:33:20 PM

JOB DESCRIPTION

YUKON Gold (04.05.2026)
 Eddy County New Mexico

JOB NUMBER

890-9798-1

Eurofins Carlsbad
 1089 N Canal St.
 Carlsbad NM 88220



Eurofins Carlsbad

Job Notes

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

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

Authorization



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4/27/2026 1:33:20 PM

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

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- 9
- 10
- 11
- 12
- 13
- 14

Client: Carmona Resources
Project/Site: YUKON Gold (04.05.2026)

Laboratory Job ID: 890-9798-1
SDG: Eddy County New Mexico

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	11
QC Sample Results	12
QC Association Summary	18
Lab Chronicle	21
Certification Summary	23
Method Summary	24
Sample Summary	25
Chain of Custody	26
Receipt Checklists	28

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Definitions/Glossary

Client: Carmona Resources
Project/Site: YUKON Gold (04.05.2026)

Job ID: 890-9798-1
SDG: Eddy County New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: YUKON Gold (04.05.2026)

Job ID: 890-9798-1

Job ID: 890-9798-1

Eurofins Carlsbad

Job Narrative 890-9798-1

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 4/17/2026 2:16 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 -3.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5) (890-9798-1), H-2 (0-0.5) (890-9798-2), H-3 (0-0.5) (890-9798-3), H-4 (0-0.5) (890-9798-4), H-5 (0-0.5) (890-9798-5) and H-6 (0-0.5) (890-9798-6).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: (CCV 880-139015/2), (LCS 880-138611/1-A), (LCSD 880-138611/2-A), (880-71047-A-1-C MS) and (880-71047-A-1-D MSD). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: H-1 (0-0.5) (890-9798-1), H-2 (0-0.5) (890-9798-2), H-3 (0-0.5) (890-9798-3), H-4 (0-0.5) (890-9798-4), H-5 (0-0.5) (890-9798-5), H-6 (0-0.5) (890-9798-6), (CCV 880-139015/20), (CCV 880-139015/33) and (880-71047-A-1-E). Evidence of matrix interferences is not obvious.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-138611 and analytical batch 880-139015 was outside the upper control limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-138611 and analytical batch 880-139015 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Diesel Range Organics

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: H-4 (0-0.5) (890-9798-4). Evidence of matrix interferences is not obvious.

Method 8015B NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-138248 and analytical batch 880-138699 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-138248 and analytical batch 880-138699 was outside control limits. Sample matrix interference and/or non-homogeneity is suspected.

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

HPLC/IC

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

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
 Project/Site: YUKON Gold (04.05.2026)

Job ID: 890-9798-1
 SDG: Eddy County New Mexico

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

Lab Sample ID: 890-9798-1

Date Collected: 04/17/26 11:02

Matrix: Solid

Date Received: 04/17/26 14:16

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		04/22/26 13:14	04/27/26 01:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:14	04/27/26 01:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:14	04/27/26 01:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/22/26 13:14	04/27/26 01:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:14	04/27/26 01:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/22/26 13:14	04/27/26 01:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	199	S1+	70 - 130	04/22/26 13:14	04/27/26 01:37	1
1,4-Difluorobenzene (Surr)	103		70 - 130	04/22/26 13:14	04/27/26 01:37	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			04/27/26 01:37	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			04/24/26 07:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/19/26 17:42	04/24/26 07:13	1
Diesel Range Organics (Over C10-C28)	<50.1	U *1	50.1		mg/Kg		04/19/26 17:42	04/24/26 07:13	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/19/26 17:42	04/24/26 07:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	04/19/26 17:42	04/24/26 07:13	1
o-Terphenyl	64	S1-	70 - 130	04/19/26 17:42	04/24/26 07:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	405		9.96		mg/Kg			04/21/26 23:52	1

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

Lab Sample ID: 890-9798-2

Date Collected: 04/17/26 11:05

Matrix: Solid

Date Received: 04/17/26 14:16

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		04/22/26 13:14	04/27/26 01:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:14	04/27/26 01:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:14	04/27/26 01:58	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/22/26 13:14	04/27/26 01:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:14	04/27/26 01:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/22/26 13:14	04/27/26 01:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	204	S1+	70 - 130	04/22/26 13:14	04/27/26 01:58	1
1,4-Difluorobenzene (Surr)	107		70 - 130	04/22/26 13:14	04/27/26 01:58	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
 Project/Site: YUKON Gold (04.05.2026)

Job ID: 890-9798-1
 SDG: Eddy County New Mexico

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

Lab Sample ID: 890-9798-2

Date Collected: 04/17/26 11:05

Matrix: Solid

Date Received: 04/17/26 14:16

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			04/27/26 01:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/23/26 18:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/19/26 17:45	04/23/26 18:46	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/19/26 17:45	04/23/26 18:46	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/19/26 17:45	04/23/26 18:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				04/19/26 17:45	04/23/26 18:46	1
o-Terphenyl	76		70 - 130				04/19/26 17:45	04/23/26 18:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	269		10.0		mg/Kg			04/21/26 23:57	1

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

Lab Sample ID: 890-9798-3

Date Collected: 04/17/26 11:08

Matrix: Solid

Date Received: 04/17/26 14:16

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		04/22/26 13:14	04/27/26 02:19	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/22/26 13:14	04/27/26 02:19	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/22/26 13:14	04/27/26 02:19	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/22/26 13:14	04/27/26 02:19	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/22/26 13:14	04/27/26 02:19	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/22/26 13:14	04/27/26 02:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	185	S1+	70 - 130				04/22/26 13:14	04/27/26 02:19	1
1,4-Difluorobenzene (Surr)	100		70 - 130				04/22/26 13:14	04/27/26 02:19	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			04/27/26 02:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/23/26 19:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/19/26 17:45	04/23/26 19:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/19/26 17:45	04/23/26 19:32	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: YUKON Gold (04.05.2026)

Job ID: 890-9798-1
 SDG: Eddy County New Mexico

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

Lab Sample ID: 890-9798-3

Date Collected: 04/17/26 11:08

Matrix: Solid

Date Received: 04/17/26 14:16

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		04/19/26 17:45	04/23/26 19:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				04/19/26 17:45	04/23/26 19:32	1
o-Terphenyl	77		70 - 130				04/19/26 17:45	04/23/26 19:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	356		9.94		mg/Kg			04/22/26 00:02	1

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

Lab Sample ID: 890-9798-4

Date Collected: 04/17/26 11:12

Matrix: Solid

Date Received: 04/17/26 14:16

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		04/22/26 13:14	04/27/26 02:39	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/22/26 13:14	04/27/26 02:39	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/22/26 13:14	04/27/26 02:39	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/22/26 13:14	04/27/26 02:39	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/22/26 13:14	04/27/26 02:39	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/22/26 13:14	04/27/26 02:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	190	S1+	70 - 130				04/22/26 13:14	04/27/26 02:39	1
1,4-Difluorobenzene (Surr)	100		70 - 130				04/22/26 13:14	04/27/26 02:39	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			04/27/26 02:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/23/26 19:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/19/26 17:45	04/23/26 19:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/19/26 17:45	04/23/26 19:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/19/26 17:45	04/23/26 19:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	60	S1-	70 - 130				04/19/26 17:45	04/23/26 19:47	1
o-Terphenyl	53	S1-	70 - 130				04/19/26 17:45	04/23/26 19:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	402		10.0		mg/Kg			04/22/26 00:07	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: YUKON Gold (04.05.2026)

Job ID: 890-9798-1
 SDG: Eddy County New Mexico

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

Lab Sample ID: 890-9798-5

Date Collected: 04/17/26 11:14

Matrix: Solid

Date Received: 04/17/26 14:16

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		04/22/26 13:14	04/27/26 03:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/22/26 13:14	04/27/26 03:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/22/26 13:14	04/27/26 03:00	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/22/26 13:14	04/27/26 03:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/22/26 13:14	04/27/26 03:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/22/26 13:14	04/27/26 03:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130	04/22/26 13:14	04/27/26 03:00	1
1,4-Difluorobenzene (Surr)	95		70 - 130	04/22/26 13:14	04/27/26 03:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/27/26 03:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/23/26 20:02	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	<50.1	U	50.1		mg/Kg		04/19/26 17:45	04/23/26 20:02	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/19/26 17:45	04/23/26 20:02	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/19/26 17:45	04/23/26 20:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130	04/19/26 17:45	04/23/26 20:02	1
o-Terphenyl	74		70 - 130	04/19/26 17:45	04/23/26 20:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	377		9.92		mg/Kg			04/22/26 00:12	1

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

Lab Sample ID: 890-9798-6

Date Collected: 04/17/26 11:17

Matrix: Solid

Date Received: 04/17/26 14:16

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		04/22/26 13:14	04/27/26 03:20	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/22/26 13:14	04/27/26 03:20	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/22/26 13:14	04/27/26 03:20	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/22/26 13:14	04/27/26 03:20	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/22/26 13:14	04/27/26 03:20	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/22/26 13:14	04/27/26 03:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	201	S1+	70 - 130	04/22/26 13:14	04/27/26 03:20	1
1,4-Difluorobenzene (Surr)	104		70 - 130	04/22/26 13:14	04/27/26 03:20	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: YUKON Gold (04.05.2026)

Job ID: 890-9798-1
 SDG: Eddy County New Mexico

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

Lab Sample ID: 890-9798-6

Date Collected: 04/17/26 11:17

Matrix: Solid

Date Received: 04/17/26 14:16

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			04/27/26 03:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/23/26 20:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/19/26 17:45	04/23/26 20:17	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/19/26 17:45	04/23/26 20:17	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/19/26 17:45	04/23/26 20:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				04/19/26 17:45	04/23/26 20:17	1
o-Terphenyl	79		70 - 130				04/19/26 17:45	04/23/26 20:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	396		9.92		mg/Kg			04/22/26 00:26	1

Surrogate Summary

Client: Carmona Resources
Project/Site: YUKON Gold (04.05.2026)

Job ID: 890-9798-1
SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-71047-A-1-C MS	Matrix Spike	149 S1+	90
880-71047-A-1-D MSD	Matrix Spike Duplicate	170 S1+	97
890-9798-1	H-1 (0-0.5)	199 S1+	103
890-9798-2	H-2 (0-0.5)	204 S1+	107
890-9798-3	H-3 (0-0.5)	185 S1+	100
890-9798-4	H-4 (0-0.5)	190 S1+	100
890-9798-5	H-5 (0-0.5)	193 S1+	95
890-9798-6	H-6 (0-0.5)	201 S1+	104
LCS 880-138611/1-A	Lab Control Sample	99	67 S1-
LCSD 880-138611/2-A	Lab Control Sample Dup	152 S1+	84
MB 880-138611/5-A	Method Blank	151 S1+	82

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

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-9794-A-9-B MS	Matrix Spike	87	101
890-9794-A-9-C MSD	Matrix Spike Duplicate	99	99
890-9798-1	H-1 (0-0.5)	110	64 S1-
890-9798-2	H-2 (0-0.5)	92	76
890-9798-2 MS	H-2 (0-0.5)	85	84
890-9798-2 MSD	H-2 (0-0.5)	86	83
890-9798-3	H-3 (0-0.5)	88	77
890-9798-4	H-4 (0-0.5)	60 S1-	53 S1-
890-9798-5	H-5 (0-0.5)	82	74
890-9798-6	H-6 (0-0.5)	88	79
LCS 880-138248/2-A	Lab Control Sample	100	93
LCS 880-138249/2-A	Lab Control Sample	75	79
LCSD 880-138248/3-A	Lab Control Sample Dup	83	68 S1-
LCSD 880-138249/3-A	Lab Control Sample Dup	77	81
MB 880-138248/1-A	Method Blank	112	79
MB 880-138249/1-A	Method Blank	82	79

Surrogate Legend
1CO = 1-Chlorooctane
OTPH = o-Terphenyl

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QC Sample Results

Client: Carmona Resources
 Project/Site: YUKON Gold (04.05.2026)

Job ID: 890-9798-1
 SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-138611/5-A
 Matrix: Solid
 Analysis Batch: 139015

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 138611

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:14	04/26/26 19:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:14	04/26/26 19:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:14	04/26/26 19:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/22/26 13:14	04/26/26 19:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:14	04/26/26 19:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/22/26 13:14	04/26/26 19:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	151	S1+	70 - 130	04/22/26 13:14	04/26/26 19:13	1
1,4-Difluorobenzene (Surr)	82		70 - 130	04/22/26 13:14	04/26/26 19:13	1

Lab Sample ID: LCS 880-138611/1-A
 Matrix: Solid
 Analysis Batch: 139015

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 138611

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07331		mg/Kg		73	70 - 130
Toluene	0.100	0.09580		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.1046		mg/Kg		105	70 - 130
m-Xylene & p-Xylene	0.200	0.2143		mg/Kg		107	70 - 130
o-Xylene	0.100	0.1018		mg/Kg		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	67	S1-	70 - 130

Lab Sample ID: LCSD 880-138611/2-A
 Matrix: Solid
 Analysis Batch: 139015

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 138611

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.07009		mg/Kg		70	70 - 130	4	35
Toluene	0.100	0.09226		mg/Kg		92	70 - 130	4	35
Ethylbenzene	0.100	0.1069		mg/Kg		107	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2065		mg/Kg		103	70 - 130	4	35
o-Xylene	0.100	0.1029		mg/Kg		103	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	152	S1+	70 - 130
1,4-Difluorobenzene (Surr)	84		70 - 130

Lab Sample ID: 880-71047-A-1-C MS
 Matrix: Solid
 Analysis Batch: 139015

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 138611

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F2 F1	0.100	0.06782	F1	mg/Kg		68	70 - 130
Toluene	<0.00200	U F2 F1	0.100	0.09306		mg/Kg		93	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: YUKON Gold (04.05.2026)

Job ID: 890-9798-1
 SDG: Eddy County New Mexico

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

Lab Sample ID: 880-71047-A-1-C MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 139015

Prep Batch: 138611

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00200	U	0.100	0.1026		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.200	0.1988		mg/Kg		99	70 - 130
o-Xylene	<0.00200	U F2 F1	0.100	0.1046		mg/Kg		105	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	149	S1+	70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: 880-71047-A-1-D MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 139015

Prep Batch: 138611

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00200	U F2 F1	0.100	0.1118	F2	mg/Kg		112	70 - 130	49	35
Toluene	<0.00200	U F2 F1	0.100	0.1464	F1 F2	mg/Kg		146	70 - 130	45	35
Ethylbenzene	<0.00200	U	0.100	0.1287		mg/Kg		129	70 - 130	22	35
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.200	0.3089	F1 F2	mg/Kg		154	70 - 130	43	35
o-Xylene	<0.00200	U F2 F1	0.100	0.1708	F1 F2	mg/Kg		171	70 - 130	48	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	170	S1+	70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

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

Lab Sample ID: MB 880-138248/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 138699

Prep Batch: 138248

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/19/26 17:42	04/24/26 00:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/19/26 17:42	04/24/26 00:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/19/26 17:42	04/24/26 00:51	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	112		70 - 130	04/19/26 17:42	04/24/26 00:51	1
o-Terphenyl	79		70 - 130	04/19/26 17:42	04/24/26 00:51	1

Lab Sample ID: LCS 880-138248/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 138699

Prep Batch: 138248

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	1117		mg/Kg		112	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1161		mg/Kg		116	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: YUKON Gold (04.05.2026)

Job ID: 890-9798-1
 SDG: Eddy County New Mexico

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

Lab Sample ID: LCS 880-138248/2-A
Matrix: Solid
Analysis Batch: 138699

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 138248

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	100		70 - 130
o-Terphenyl	93		70 - 130

Lab Sample ID: LCSD 880-138248/3-A
Matrix: Solid
Analysis Batch: 138699

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 138248

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	1184		mg/Kg		118	70 - 130	6	20	
Diesel Range Organics (Over C10-C28)	1000	878.9	*1	mg/Kg		88	70 - 130	28	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	83		70 - 130
o-Terphenyl	68	S1-	70 - 130

Lab Sample ID: 890-9794-A-9-B MS
Matrix: Solid
Analysis Batch: 138699

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 138248

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2 F1	1000	1464	F1	mg/Kg		142	70 - 130	
Diesel Range Organics (Over C10-C28)	939	*1	1000	1802		mg/Kg		86	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	87		70 - 130
o-Terphenyl	101		70 - 130

Lab Sample ID: 890-9794-A-9-C MSD
Matrix: Solid
Analysis Batch: 138699

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 138248

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2 F1	1000	1810	F1 F2	mg/Kg		176	70 - 130	21	20	
Diesel Range Organics (Over C10-C28)	939	*1	1000	1836		mg/Kg		90	70 - 130	2	20	

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	99		70 - 130
o-Terphenyl	99		70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: YUKON Gold (04.05.2026)

Job ID: 890-9798-1
 SDG: Eddy County New Mexico

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

Lab Sample ID: MB 880-138249/1-A
Matrix: Solid
Analysis Batch: 138693

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 138249

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/19/26 17:45	04/23/26 17:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/19/26 17:45	04/23/26 17:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/19/26 17:45	04/23/26 17:06	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	82		70 - 130	04/19/26 17:45	04/23/26 17:06	1
o-Terphenyl	79		70 - 130	04/19/26 17:45	04/23/26 17:06	1

Lab Sample ID: LCS 880-138249/2-A
Matrix: Solid
Analysis Batch: 138693

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 138249

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	828.6		mg/Kg		83	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1-Chlorooctane	75		70 - 130
o-Terphenyl	79		70 - 130

Lab Sample ID: LCSD 880-138249/3-A
Matrix: Solid
Analysis Batch: 138693

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 138249

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	813.8		mg/Kg		81	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	842.9		mg/Kg		84	70 - 130	2	20

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
1-Chlorooctane	77		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-9798-2 MS
Matrix: Solid
Analysis Batch: 138693

Client Sample ID: H-2 (0-0.5)
Prep Type: Total/NA
Prep Batch: 138249

Analyte	Sample	Sample	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	999	908.0		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U	999	895.2		mg/Kg		90	70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: YUKON Gold (04.05.2026)

Job ID: 890-9798-1
 SDG: Eddy County New Mexico

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

Lab Sample ID: 890-9798-2 MS
 Matrix: Solid
 Analysis Batch: 138693

Client Sample ID: H-2 (0-0.5)
 Prep Type: Total/NA
 Prep Batch: 138249

Surrogate	%Recovery	MS MS Qualifier	Limits
1-Chlorooctane	85		70 - 130
o-Terphenyl	84		70 - 130

Lab Sample ID: 890-9798-2 MSD
 Matrix: Solid
 Analysis Batch: 138693

Client Sample ID: H-2 (0-0.5)
 Prep Type: Total/NA
 Prep Batch: 138249

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	999	921.1		mg/Kg		92	70 - 130	1		20
Diesel Range Organics (Over C10-C28)	<50.1	U	999	917.8		mg/Kg		92	70 - 130	2		20

Surrogate	%Recovery	MSD MSD Qualifier	Limits
1-Chlorooctane	86		70 - 130
o-Terphenyl	83		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-138338/1-A
 Matrix: Solid
 Analysis Batch: 138500

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			04/21/26 22:50	1

Lab Sample ID: LCS 880-138338/2-A
 Matrix: Solid
 Analysis Batch: 138500

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	259.2		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-138338/3-A
 Matrix: Solid
 Analysis Batch: 138500

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Chloride	250	261.7		mg/Kg		105	90 - 110	1	20

Lab Sample ID: 890-9798-5 MS
 Matrix: Solid
 Analysis Batch: 138500

Client Sample ID: H-5 (0-0.5)
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	377		248	622.8		mg/Kg		99	90 - 110

QC Sample Results

Client: Carmona Resources
Project/Site: YUKON Gold (04.05.2026)

Job ID: 890-9798-1
SDG: Eddy County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-9798-5 MSD
Matrix: Solid
Analysis Batch: 138500

Client Sample ID: H-5 (0-0.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	377		248	623.1		mg/Kg		99	90 - 110	0	20

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

QC Association Summary

Client: Carmona Resources
 Project/Site: YUKON Gold (04.05.2026)

Job ID: 890-9798-1
 SDG: Eddy County New Mexico

GC VOA

Prep Batch: 138611

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9798-1	H-1 (0-0.5)	Total/NA	Solid	5035	
890-9798-2	H-2 (0-0.5)	Total/NA	Solid	5035	
890-9798-3	H-3 (0-0.5)	Total/NA	Solid	5035	
890-9798-4	H-4 (0-0.5)	Total/NA	Solid	5035	
890-9798-5	H-5 (0-0.5)	Total/NA	Solid	5035	
890-9798-6	H-6 (0-0.5)	Total/NA	Solid	5035	
MB 880-138611/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-138611/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-138611/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-71047-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-71047-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 139015

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9798-1	H-1 (0-0.5)	Total/NA	Solid	8021B	138611
890-9798-2	H-2 (0-0.5)	Total/NA	Solid	8021B	138611
890-9798-3	H-3 (0-0.5)	Total/NA	Solid	8021B	138611
890-9798-4	H-4 (0-0.5)	Total/NA	Solid	8021B	138611
890-9798-5	H-5 (0-0.5)	Total/NA	Solid	8021B	138611
890-9798-6	H-6 (0-0.5)	Total/NA	Solid	8021B	138611
MB 880-138611/5-A	Method Blank	Total/NA	Solid	8021B	138611
LCS 880-138611/1-A	Lab Control Sample	Total/NA	Solid	8021B	138611
LCSD 880-138611/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	138611
880-71047-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	138611
880-71047-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	138611

Analysis Batch: 139098

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9798-1	H-1 (0-0.5)	Total/NA	Solid	Total BTEX	
890-9798-2	H-2 (0-0.5)	Total/NA	Solid	Total BTEX	
890-9798-3	H-3 (0-0.5)	Total/NA	Solid	Total BTEX	
890-9798-4	H-4 (0-0.5)	Total/NA	Solid	Total BTEX	
890-9798-5	H-5 (0-0.5)	Total/NA	Solid	Total BTEX	
890-9798-6	H-6 (0-0.5)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 138248

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9798-1	H-1 (0-0.5)	Total/NA	Solid	8015NM Prep	
MB 880-138248/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-138248/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-138248/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9794-A-9-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9794-A-9-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 138249

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9798-2	H-2 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-9798-3	H-3 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-9798-4	H-4 (0-0.5)	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
 Project/Site: YUKON Gold (04.05.2026)

Job ID: 890-9798-1
 SDG: Eddy County New Mexico

GC Semi VOA (Continued)

Prep Batch: 138249 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9798-5	H-5 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-9798-6	H-6 (0-0.5)	Total/NA	Solid	8015NM Prep	
MB 880-138249/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-138249/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-138249/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9798-2 MS	H-2 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-9798-2 MSD	H-2 (0-0.5)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 138693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9798-2	H-2 (0-0.5)	Total/NA	Solid	8015B NM	138249
890-9798-3	H-3 (0-0.5)	Total/NA	Solid	8015B NM	138249
890-9798-4	H-4 (0-0.5)	Total/NA	Solid	8015B NM	138249
890-9798-5	H-5 (0-0.5)	Total/NA	Solid	8015B NM	138249
890-9798-6	H-6 (0-0.5)	Total/NA	Solid	8015B NM	138249
MB 880-138249/1-A	Method Blank	Total/NA	Solid	8015B NM	138249
LCS 880-138249/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	138249
LCSD 880-138249/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	138249
890-9798-2 MS	H-2 (0-0.5)	Total/NA	Solid	8015B NM	138249
890-9798-2 MSD	H-2 (0-0.5)	Total/NA	Solid	8015B NM	138249

Analysis Batch: 138699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9798-1	H-1 (0-0.5)	Total/NA	Solid	8015B NM	138248
MB 880-138248/1-A	Method Blank	Total/NA	Solid	8015B NM	138248
LCS 880-138248/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	138248
LCSD 880-138248/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	138248
890-9794-A-9-B MS	Matrix Spike	Total/NA	Solid	8015B NM	138248
890-9794-A-9-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	138248

Analysis Batch: 138864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9798-1	H-1 (0-0.5)	Total/NA	Solid	8015 NM	
890-9798-2	H-2 (0-0.5)	Total/NA	Solid	8015 NM	
890-9798-3	H-3 (0-0.5)	Total/NA	Solid	8015 NM	
890-9798-4	H-4 (0-0.5)	Total/NA	Solid	8015 NM	
890-9798-5	H-5 (0-0.5)	Total/NA	Solid	8015 NM	
890-9798-6	H-6 (0-0.5)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 138338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9798-1	H-1 (0-0.5)	Soluble	Solid	DI Leach	
890-9798-2	H-2 (0-0.5)	Soluble	Solid	DI Leach	
890-9798-3	H-3 (0-0.5)	Soluble	Solid	DI Leach	
890-9798-4	H-4 (0-0.5)	Soluble	Solid	DI Leach	
890-9798-5	H-5 (0-0.5)	Soluble	Solid	DI Leach	
890-9798-6	H-6 (0-0.5)	Soluble	Solid	DI Leach	
MB 880-138338/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-138338/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Carmona Resources
 Project/Site: YUKON Gold (04.05.2026)

Job ID: 890-9798-1
 SDG: Eddy County New Mexico

HPLC/IC (Continued)

Leach Batch: 138338 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-138338/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9798-5 MS	H-5 (0-0.5)	Soluble	Solid	DI Leach	
890-9798-5 MSD	H-5 (0-0.5)	Soluble	Solid	DI Leach	

Analysis Batch: 138500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9798-1	H-1 (0-0.5)	Soluble	Solid	300.0	138338
890-9798-2	H-2 (0-0.5)	Soluble	Solid	300.0	138338
890-9798-3	H-3 (0-0.5)	Soluble	Solid	300.0	138338
890-9798-4	H-4 (0-0.5)	Soluble	Solid	300.0	138338
890-9798-5	H-5 (0-0.5)	Soluble	Solid	300.0	138338
890-9798-6	H-6 (0-0.5)	Soluble	Solid	300.0	138338
MB 880-138338/1-A	Method Blank	Soluble	Solid	300.0	138338
LCS 880-138338/2-A	Lab Control Sample	Soluble	Solid	300.0	138338
LCSD 880-138338/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	138338
890-9798-5 MS	H-5 (0-0.5)	Soluble	Solid	300.0	138338
890-9798-5 MSD	H-5 (0-0.5)	Soluble	Solid	300.0	138338

Lab Chronicle

Client: Carmona Resources
 Project/Site: YUKON Gold (04.05.2026)

Job ID: 890-9798-1
 SDG: Eddy County New Mexico

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

Lab Sample ID: 890-9798-1

Date Collected: 04/17/26 11:02

Matrix: Solid

Date Received: 04/17/26 14:16

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	138611	04/22/26 13:14	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139015	04/27/26 01:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139098	04/27/26 01:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			138864	04/24/26 07:13	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	138248	04/19/26 17:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138699	04/24/26 07:13	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138338	04/20/26 15:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138500	04/21/26 23:52	CS	EET MID

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

Lab Sample ID: 890-9798-2

Date Collected: 04/17/26 11:05

Matrix: Solid

Date Received: 04/17/26 14:16

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	138611	04/22/26 13:14	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139015	04/27/26 01:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139098	04/27/26 01:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			138864	04/23/26 18:46	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	138249	04/19/26 17:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138693	04/23/26 18:46	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	138338	04/20/26 15:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138500	04/21/26 23:57	CS	EET MID

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

Lab Sample ID: 890-9798-3

Date Collected: 04/17/26 11:08

Matrix: Solid

Date Received: 04/17/26 14:16

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	138611	04/22/26 13:14	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139015	04/27/26 02:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139098	04/27/26 02:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			138864	04/23/26 19:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	138249	04/19/26 17:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138693	04/23/26 19:32	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	138338	04/20/26 15:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138500	04/22/26 00:02	CS	EET MID

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

Lab Sample ID: 890-9798-4

Date Collected: 04/17/26 11:12

Matrix: Solid

Date Received: 04/17/26 14:16

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	138611	04/22/26 13:14	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139015	04/27/26 02:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139098	04/27/26 02:39	SA	EET MID

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Lab Chronicle

Client: Carmona Resources
 Project/Site: YUKON Gold (04.05.2026)

Job ID: 890-9798-1
 SDG: Eddy County New Mexico

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

Lab Sample ID: 890-9798-4

Date Collected: 04/17/26 11:12

Matrix: Solid

Date Received: 04/17/26 14:16

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			138864	04/23/26 19:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138249	04/19/26 17:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138693	04/23/26 19:47	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	138338	04/20/26 15:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138500	04/22/26 00:07	CS	EET MID

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

Lab Sample ID: 890-9798-5

Date Collected: 04/17/26 11:14

Matrix: Solid

Date Received: 04/17/26 14:16

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	138611	04/22/26 13:14	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139015	04/27/26 03:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139098	04/27/26 03:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			138864	04/23/26 20:02	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	138249	04/19/26 17:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138693	04/23/26 20:02	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138338	04/20/26 15:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138500	04/22/26 00:12	CS	EET MID

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

Lab Sample ID: 890-9798-6

Date Collected: 04/17/26 11:17

Matrix: Solid

Date Received: 04/17/26 14:16

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	138611	04/22/26 13:14	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139015	04/27/26 03:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139098	04/27/26 03:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			138864	04/23/26 20:17	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	138249	04/19/26 17:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138693	04/23/26 20:17	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138338	04/20/26 15:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138500	04/22/26 00:26	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: YUKON Gold (04.05.2026)

Job ID: 890-9798-1
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

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Method Summary

Client: Carmona Resources
Project/Site: YUKON Gold (04.05.2026)

Job ID: 890-9798-1
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: YUKON Gold (04.05.2026)

Job ID: 890-9798-1
SDG: Eddy County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9798-1	H-1 (0-0.5)	Solid	04/17/26 11:02	04/17/26 14:16	Texas
890-9798-2	H-2 (0-0.5)	Solid	04/17/26 11:05	04/17/26 14:16	Texas
890-9798-3	H-3 (0-0.5)	Solid	04/17/26 11:08	04/17/26 14:16	Texas
890-9798-4	H-4 (0-0.5)	Solid	04/17/26 11:12	04/17/26 14:16	Texas
890-9798-5	H-5 (0-0.5)	Solid	04/17/26 11:14	04/17/26 14:16	Texas
890-9798-6	H-6 (0-0.5)	Solid	04/17/26 11:17	04/17/26 14:16	Texas

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Woi

890-9798 Chain of Custody

Page 1 of 1

Project Manager: Riley Plogger
 Company Name: Carmona Resources
 Address: 310 West Wall Ste. 500
 City, State ZIP: Midland, TX 79701
 Phone: 432-813-8988

Bill to: (if different)
 Company Name: Jim Raley
 Address: Devon Energy
 City, State ZIP: Carlsbad NM, 88220
 Email: jim.raleigh@dvn.com & Rplogger@CarmonaResources.com

Work Order Comments
 Program: PST PRP Brownfields RRC Superfund
 State of Project: Reporting: Level II Level III PST/UST RRP Level IV
 Deliverables: EDD ADaPT Other:

Project Name: YUKON GOLD (04.05.2026)
 Project Number: 3239
 Project Location: Eddy County, NM
 Sampler's Name: CMM
 PO #:

Turn Around
 Routine Rush
 Due Date: Standard

Temp Blank: Yes No
 Wet Ice: Yes No
 Thermometer ID: TW-007
 Correction Factor: -0.2
 Temperature Reading: -1.2
 Corrected Temperature: -1.0

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST		Preservative Codes
							TPH 8015M (GRO + DRO + MRO)	Chloride 300	
H-1 (0-0.5')	4/17/2026	11:02	X		Grab/	1	X	X	None: NO DI Water: H ₂ O
H-2 (0-0.5')	4/17/2026	11:05	X		Grab/	1	X	X	Cool: Cool MeOH: Me
H-3 (0-0.5')	4/17/2026	11:08	X		Grab/	1	X	X	HCL: HC HNO ₃ : HN
H-4 (0-0.5')	4/17/2026	11:12	X		Grab/	1	X	X	H ₂ SO ₄ : H ₂ NaOH: Na
H-5 (0-0.5')	4/17/2026	11:14	X		Grab/	1	X	X	H ₃ PO ₄ : HP NaHSO ₄ : NABIS
H-6 (0-0.5')	4/17/2026	11:17	X		Grab/	1	X	X	Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Riley Plogger	Gluck	4/16 4/17			
3					
5					



Eurofins Carlsbad

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

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler:	N/A	Lab P/N:	Kramer, Jessica	Carrier Tracking No(s):	N/A	COC No:	890-6820-1																																																		
Shipping/Receiving		Phone:	N/A	E-Mail:	Jessica.Kramer@eurofins.com	State of Origin:	Texas	Page:	Page 1 of 1																																																		
Company: Eurofins Environment Testing South Cent		Due Date Requested:	4/23/2026	Accreditations Required (See note):	NELAP - Texas	Job #:	890-9798-1	Preservation Codes:																																																			
Address: 1211 W. Florida Ave.		TAT Requested (days):	N/A	Analysis Requested																																																							
City: Midland		PO #:	N/A	<table border="1"> <thead> <tr> <th>Field Filtered Sample (Yes or No)</th> <th>Perform MS/MSD (Yes or No)</th> <th>300_ORGFM_28D/DI_LEACH</th> <th>Chloride</th> <th>8021B/5035FP_Calc</th> <th>BTEX</th> <th>Total_BTEX_GCV</th> <th>8015MOD_Calc</th> <th>8015MOD_NM/8015NM_S_Prep</th> <th>TPH 8015</th> </tr> </thead> <tbody> <tr> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> </tr> <tr> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> </tr> <tr> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> </tr> <tr> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> </tr> </tbody> </table>						Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/DI_LEACH	Chloride	8021B/5035FP_Calc	BTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_Prep	TPH 8015	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/DI_LEACH	Chloride							8021B/5035FP_Calc	BTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_Prep	TPH 8015																																												
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State Zip: TX, 79701		Project #:	88001360	Total Number of containers																																																							
Phone: 432-704-5440(Tel)		SSOW#:	N/A	Special Instructions/Note: N/A																																																							
Email: N/A																																																											
Project Name: YUKON Gold (04.05.2026)																																																											
Site: N/A																																																											

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Metal, Solid, Over-sat, Br-Tissue, Ash)	Preservation Code	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/DI_LEACH	Chloride	8021B/5035FP_Calc	BTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_Prep	TPH 8015	Total Number of containers	Special Instructions/Note
H-1 (0-0-5) (890-9798-1)	4/17/26	11:02 Central	G	Solid		X	X	X	X	X	X	X	X	X	X	1	
H-2 (0-0-5) (890-9798-2)	4/17/26	11:05 Central	G	Solid		X	X	X	X	X	X	X	X	X	X	1	
H-3 (0-0-5) (890-9798-3)	4/17/26	11:08 Central	G	Solid		X	X	X	X	X	X	X	X	X	X	1	
H-4 (0-0-5) (890-9798-4)	4/17/26	11:12 Central	G	Solid		X	X	X	X	X	X	X	X	X	X	1	
H-5 (0-0-5) (890-9798-5)	4/17/26	11:14 Central	G	Solid		X	X	X	X	X	X	X	X	X	X	1	
H-6 (0-0-5) (890-9798-6)	4/17/26	11:17 Central	G	Solid		X	X	X	X	X	X	X	X	X	X	1	

Possible Hazard Identification

Deliverable Requested: I, II, III, IV, Other (specify) _____ Primary Deliverable Rank: 2

Special Instructions/QC Requirements: _____

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Dispose By Lab Archive For _____ Months

Empty Kit Relinquished by: _____ Date: _____ Method of Shipment: _____

Relinquished by: *all* Date/Time: _____ Company: _____

Relinquished by: _____ Date/Time: _____ Company: _____

Relinquished by: _____ Date/Time: _____ Company: _____

Custody Seals Intact: Yes No Custody Seal No.: _____ Cooler Temperature(s) °C and Other Remarks: _____

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9798-1
SDG Number: Eddy County New Mexico

Login Number: 9798

List Number: 1

Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

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

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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9798-1
SDG Number: Eddy County New Mexico

Login Number: 9798
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 04/19/26 03:38 PM

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

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Environment Testing

- 1
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ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/27/2026 1:29:25 PM

JOB DESCRIPTION

Yukon Gold (04.05.2026)
 Eddy County New Mexico

JOB NUMBER

890-9799-1

Eurofins Carlsbad
 1089 N Canal St.
 Carlsbad NM 88220



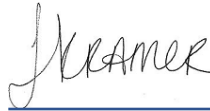
Eurofins Carlsbad

Job Notes

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

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

Authorization



Generated
4/27/2026 1:29:25 PM

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

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- 9
- 10
- 11
- 12
- 13
- 14

Client: Carmona Resources
Project/Site: Yukon Gold (04.05.2026)

Laboratory Job ID: 890-9799-1
SDG: Eddy County New Mexico

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	12
Lab Chronicle	14
Certification Summary	15
Method Summary	16
Sample Summary	17
Chain of Custody	18
Receipt Checklists	20

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Definitions/Glossary

Client: Carmona Resources
Project/Site: Yukon Gold (04.05.2026)

Job ID: 890-9799-1
SDG: Eddy County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Yukon Gold (04.05.2026)

Job ID: 890-9799-1

Job ID: 890-9799-1

Eurofins Carlsbad

Job Narrative 890-9799-1

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

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

Receipt

The sample was received on 4/17/2026 2:16 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -3.0°C.

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: backfill sample (890-9799-1). Evidence of matrix interferences is not obvious.

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

Diesel Range Organics

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

HPLC/IC

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

Eurofins Carlsbad



Client Sample Results

Client: Carmona Resources
 Project/Site: Yukon Gold (04.05.2026)

Job ID: 890-9799-1
 SDG: Eddy County New Mexico

Client Sample ID: backfill sample

Lab Sample ID: 890-9799-1

Date Collected: 04/17/26 11:21

Matrix: Solid

Date Received: 04/17/26 14:16

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		04/24/26 07:44	04/24/26 15:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/26 07:44	04/24/26 15:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/26 07:44	04/24/26 15:54	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/24/26 07:44	04/24/26 15:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/26 07:44	04/24/26 15:54	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/24/26 07:44	04/24/26 15:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	04/24/26 07:44	04/24/26 15:54	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/24/26 07:44	04/24/26 15:54	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			04/24/26 15:54	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			04/23/26 20:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/19/26 17:45	04/23/26 20:32	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/19/26 17:45	04/23/26 20:32	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/19/26 17:45	04/23/26 20:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	04/19/26 17:45	04/23/26 20:32	1
o-Terphenyl	81		70 - 130	04/19/26 17:45	04/23/26 20:32	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			04/22/26 00:31	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Yukon Gold (04.05.2026)

Job ID: 890-9799-1
SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-71364-A-13-B MS	Matrix Spike	128	15 S1-
880-71364-A-13-C MSD	Matrix Spike Duplicate	128	95
890-9799-1	backfill sample	127	97
LCS 880-138827/1-A	Lab Control Sample	130	106
LCSD 880-138827/2-A	Lab Control Sample Dup	120	96
MB 880-138827/5-A	Method Blank	120	91

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-9798-A-2-B MS	Matrix Spike	85	84
890-9798-A-2-C MSD	Matrix Spike Duplicate	86	83
890-9799-1	backfill sample	88	81
LCS 880-138249/2-A	Lab Control Sample	75	79
LCSD 880-138249/3-A	Lab Control Sample Dup	77	81
MB 880-138249/1-A	Method Blank	82	79

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
 Project/Site: Yukon Gold (04.05.2026)

Job ID: 890-9799-1
 SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-138827/5-A
 Matrix: Solid
 Analysis Batch: 138828

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 138827

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/26 07:44	04/24/26 09:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/26 07:44	04/24/26 09:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/26 07:44	04/24/26 09:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/24/26 07:44	04/24/26 09:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/26 07:44	04/24/26 09:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/24/26 07:44	04/24/26 09:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	04/24/26 07:44	04/24/26 09:10	1
1,4-Difluorobenzene (Surr)	91		70 - 130	04/24/26 07:44	04/24/26 09:10	1

Lab Sample ID: LCS 880-138827/1-A
 Matrix: Solid
 Analysis Batch: 138828

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 138827

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1106		mg/Kg		111	70 - 130
Toluene	0.100	0.1049		mg/Kg		105	70 - 130
Ethylbenzene	0.100	0.1095		mg/Kg		109	70 - 130
m-Xylene & p-Xylene	0.200	0.2145		mg/Kg		107	70 - 130
o-Xylene	0.100	0.1090		mg/Kg		109	70 - 130

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

Lab Sample ID: LCSD 880-138827/2-A
 Matrix: Solid
 Analysis Batch: 138828

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 138827

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1058		mg/Kg		106	70 - 130	4	35
Toluene	0.100	0.1004		mg/Kg		100	70 - 130	4	35
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.2020		mg/Kg		101	70 - 130	6	35
o-Xylene	0.100	0.1027		mg/Kg		103	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-71364-A-13-B MS
 Matrix: Solid
 Analysis Batch: 138828

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 138827

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1187		mg/Kg		119	70 - 130
Toluene	<0.00200	U	0.100	0.1088		mg/Kg		109	70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
 Project/Site: Yukon Gold (04.05.2026)

Job ID: 890-9799-1
 SDG: Eddy County New Mexico

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

Lab Sample ID: 880-71364-A-13-B MS
 Matrix: Solid
 Analysis Batch: 138828

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 138827

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.1136		mg/Kg		114	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2216		mg/Kg		111	70 - 130
o-Xylene	<0.00200	U	0.100	0.1119		mg/Kg		112	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	128		70 - 130
1,4-Difluorobenzene (Surr)	15	S1-	70 - 130

Lab Sample ID: 880-71364-A-13-C MSD
 Matrix: Solid
 Analysis Batch: 138828

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 138827

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	0.1120		mg/Kg		112	70 - 130	6	35
Toluene	<0.00200	U	0.100	0.1039		mg/Kg		104	70 - 130	5	35
Ethylbenzene	<0.00200	U	0.100	0.1083		mg/Kg		108	70 - 130	5	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2105		mg/Kg		105	70 - 130	5	35
o-Xylene	<0.00200	U	0.100	0.1059		mg/Kg		106	70 - 130	6	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	128		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

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

Lab Sample ID: MB 880-138249/1-A
 Matrix: Solid
 Analysis Batch: 138693

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 138249

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		04/19/26 17:45	04/23/26 17:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/19/26 17:45	04/23/26 17:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/19/26 17:45	04/23/26 17:06	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130	04/19/26 17:45	04/23/26 17:06	1
o-Terphenyl	79		70 - 130	04/19/26 17:45	04/23/26 17:06	1

Lab Sample ID: LCS 880-138249/2-A
 Matrix: Solid
 Analysis Batch: 138693

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 138249

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	801.4		mg/Kg		80	70 - 130
Diesel Range Organics (Over C10-C28)	1000	828.6		mg/Kg		83	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Yukon Gold (04.05.2026)

Job ID: 890-9799-1
 SDG: Eddy County New Mexico

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

Lab Sample ID: LCS 880-138249/2-A
Matrix: Solid
Analysis Batch: 138693

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 138249

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	75		70 - 130
o-Terphenyl	79		70 - 130

Lab Sample ID: LCSD 880-138249/3-A
Matrix: Solid
Analysis Batch: 138693

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 138249

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	813.8		mg/Kg		81	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)	1000	842.9		mg/Kg		84	70 - 130	2	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	77		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-9798-A-2-B MS
Matrix: Solid
Analysis Batch: 138693

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 138249

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	999	908.0		mg/Kg		91	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.1	U	999	895.2		mg/Kg		90	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	85		70 - 130
o-Terphenyl	84		70 - 130

Lab Sample ID: 890-9798-A-2-C MSD
Matrix: Solid
Analysis Batch: 138693

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 138249

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	999	921.1		mg/Kg		92	70 - 130	1	20	
Diesel Range Organics (Over C10-C28)	<50.1	U	999	917.8		mg/Kg		92	70 - 130	2	20	

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	86		70 - 130
o-Terphenyl	83		70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: Yukon Gold (04.05.2026)

Job ID: 890-9799-1
 SDG: Eddy County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-138338/1-A
 Matrix: Solid
 Analysis Batch: 138500

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			04/21/26 22:50	1

Lab Sample ID: LCS 880-138338/2-A
 Matrix: Solid
 Analysis Batch: 138500

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	259.2		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-138338/3-A
 Matrix: Solid
 Analysis Batch: 138500

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	261.7		mg/Kg		105	90 - 110	1	20

Lab Sample ID: 890-9798-A-5-C MS
 Matrix: Solid
 Analysis Batch: 138500

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	377		248	622.8		mg/Kg		99	90 - 110

Lab Sample ID: 890-9798-A-5-D MSD
 Matrix: Solid
 Analysis Batch: 138500

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	377		248	623.1		mg/Kg		99	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
 Project/Site: Yukon Gold (04.05.2026)

Job ID: 890-9799-1
 SDG: Eddy County New Mexico

GC VOA

Prep Batch: 138827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9799-1	backfill sample	Total/NA	Solid	5035	
MB 880-138827/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-138827/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-138827/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-71364-A-13-B MS	Matrix Spike	Total/NA	Solid	5035	
880-71364-A-13-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 138828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9799-1	backfill sample	Total/NA	Solid	8021B	138827
MB 880-138827/5-A	Method Blank	Total/NA	Solid	8021B	138827
LCS 880-138827/1-A	Lab Control Sample	Total/NA	Solid	8021B	138827
LCSD 880-138827/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	138827
880-71364-A-13-B MS	Matrix Spike	Total/NA	Solid	8021B	138827
880-71364-A-13-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	138827

Analysis Batch: 139076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9799-1	backfill sample	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 138249

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9799-1	backfill sample	Total/NA	Solid	8015NM Prep	
MB 880-138249/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-138249/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-138249/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9798-A-2-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9798-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 138693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9799-1	backfill sample	Total/NA	Solid	8015B NM	138249
MB 880-138249/1-A	Method Blank	Total/NA	Solid	8015B NM	138249
LCS 880-138249/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	138249
LCSD 880-138249/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	138249
890-9798-A-2-B MS	Matrix Spike	Total/NA	Solid	8015B NM	138249
890-9798-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	138249

Analysis Batch: 138865

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9799-1	backfill sample	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 138338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9799-1	backfill sample	Soluble	Solid	DI Leach	
MB 880-138338/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-138338/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-138338/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Carmona Resources
Project/Site: Yukon Gold (04.05.2026)

Job ID: 890-9799-1
SDG: Eddy County New Mexico

HPLC/IC (Continued)

Leach Batch: 138338 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9798-A-5-C MS	Matrix Spike	Soluble	Solid	DI Leach	
890-9798-A-5-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 138500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9799-1	backfill sample	Soluble	Solid	300.0	138338
MB 880-138338/1-A	Method Blank	Soluble	Solid	300.0	138338
LCS 880-138338/2-A	Lab Control Sample	Soluble	Solid	300.0	138338
LCSD 880-138338/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	138338
890-9798-A-5-C MS	Matrix Spike	Soluble	Solid	300.0	138338
890-9798-A-5-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	138338

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Lab Chronicle

Client: Carmona Resources
 Project/Site: Yukon Gold (04.05.2026)

Job ID: 890-9799-1
 SDG: Eddy County New Mexico

Client Sample ID: backfill sample

Lab Sample ID: 890-9799-1

Date Collected: 04/17/26 11:21

Matrix: Solid

Date Received: 04/17/26 14:16

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	138827	04/24/26 07:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138828	04/24/26 15:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139076	04/24/26 15:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			138865	04/23/26 20:32	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	138249	04/19/26 17:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138693	04/23/26 20:32	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138338	04/20/26 15:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138500	04/22/26 00:31	CS	EET MID

Laboratory References:

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

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Yukon Gold (04.05.2026)

Job ID: 890-9799-1
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

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- 11
- 12
- 13
- 14

Method Summary

Client: Carmona Resources
Project/Site: Yukon Gold (04.05.2026)

Job ID: 890-9799-1
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: Yukon Gold (04.05.2026)

Job ID: 890-9799-1
SDG: Eddy County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9799-1	backfill sample	Solid	04/17/26 11:21	04/17/26 14:16	Texas

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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9799-1
SDG Number: Eddy County New Mexico

Login Number: 9799

List Number: 1

Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

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

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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9799-1
SDG Number: Eddy County New Mexico

Login Number: 9799
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 04/19/26 03:38 PM

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

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Oil Conservation Division
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QUESTIONS

Action 581750

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 581750
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2609623591
Incident Name	NAPP2609623591 YUKON GOLD 31 CTB 2 @ FAPP2123652649
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2123652649] YUKON GOLD 31 CTB 2

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	YUKON GOLD 31 CTB 2
Date Release Discovered	04/05/2026
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 Valve Produced Water Released: 39 BBL Recovered: 27 BBL Lost: 12 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)	Valve developed pinhole leak, allowing fluids to pad surface.

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QUESTIONS, Page 2

Action 581750

QUESTIONS (continued)

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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: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 05/05/2026
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QUESTIONS, Page 3

Action 581750

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 581750
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1000 (ft.) and ½ (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1000 (ft.) and ½ (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

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

Requesting a remediation plan approval with this submission	Yes
<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)	436
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	04/16/2026
On what date will (or did) the final sampling or liner inspection occur	04/17/2026
On what date will (or was) the remediation complete(d)	04/20/2026
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	1104
What is the estimated volume (in cubic yards) that will be remediated	21

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 581750

QUESTIONS (continued)

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QUESTIONS

Remediation Plan (continued)

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

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 05/05/2026
--	--

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 581750

QUESTIONS (continued)

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QUESTIONS

Deferral Requests Only	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 581750

QUESTIONS (continued)

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QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	575663
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/17/2026
What was the (estimated) number of samples that were to be gathered	6
What was the sampling surface area in square feet	1116

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	1104
What was the total volume (cubic yards) remediated	21
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Remediation Complete

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 05/05/2026
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QUESTIONS, Page 7

Action 581750

QUESTIONS (continued)

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QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 581750

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
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CONDITIONS

Created By	Condition	Condition Date
scwells	Remediation closure approved with the following condition: For future releases at this site the Site Characterization portion of the C-141 application should be updated to reflect that a significant watercourse is located between 500-1000 ft east of site.	5/11/2026