

CARMONA RESOURCES



SITE INFORMATION

Closure Report
High Brass #2H (08.07.22)
Incident #NAPP2223528168
Eddy County, New Mexico
Unit N Sec 20 T24S R28E
32.19722°, -104.11027°

Crude Oil Release
Point of Release: Failed Inlet Separator
Release Date: 08.7.22
Volume Released: 2.495 barrels of Crude Oil
Volume Recovered: 0 barrels of Crude Oil

CARMONA RESOURCES



Prepared for:
Concho Operating, LLC
15 West London Road
Loving, New Mexico 88256

Prepared by:
Carmona Resources, LLC
310 West Wall Street
Suite 415
Midland, Texas 79701

310 West Wall Street, Suite 415
Midland TX, 79701
432.813.1992

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November 1, 2022

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

**Re: Closure Report
High Brass #2H (08.07.22)
Concho Operating, LLC
Site Location: Unit N, S20, T24S, R28E
(Lat 32.19722°, Long -104.11027°)
Eddy County, New Mexico**

Mr. Bratcher:

On behalf of Concho Operating, LLC (COG), Carmona Resources, LLC has prepared this letter to document site assessment activities for the High Brass #2H (08.07.22). The site is located at 32.19722, -104.11027 within Unit N, S20, T24S, R28E, and 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 August 7, 2022, due to a failed inlet separator due to equipment malfunction. It released approximately 2.495 barrels of crude oil, and zero (0) barrels were recovered. The impacted area occurred on the pad, 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 source is within a 0.50-mile radius of the location. The nearest identified well is approximately 0.96 miles Southwest of the site in S30, T24S, R28E and was drilled in 1998. The well has a reported depth to groundwater of 64.46' feet below the ground surface (ft bgs). A copy of the associated Summary Report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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

4.0 Site Assessment Activities

Trenching Activities

On October 3, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. To assess the vertical and horizontal extent, two (2) trenches and four (4) horizontal sample points were advanced to depths ranging from the surface to 6' bgs inside the release area. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed



directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Carlsbad, New Mexico. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

See Table 1 for the analytical results.

5.0 Remediation Activities

Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOC division office was notified via email on October 19, 2022, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The area of T-1 was excavated to a depth of 4.5-5' below the surface, to remove all the impacted soils. A total of sixteen (16) floor confirmation samples were collected (CS-1 through CS-16), and six (6) sidewall samples (SW-1 through SW-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 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

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

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 675 cubic yards of material were excavated and transported offsite for proper disposal.

6.0 Conclusions

Based on the assessment results and the analytical data, no further actions are required at the site. The final C-141 is attached, and COG formally requests closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

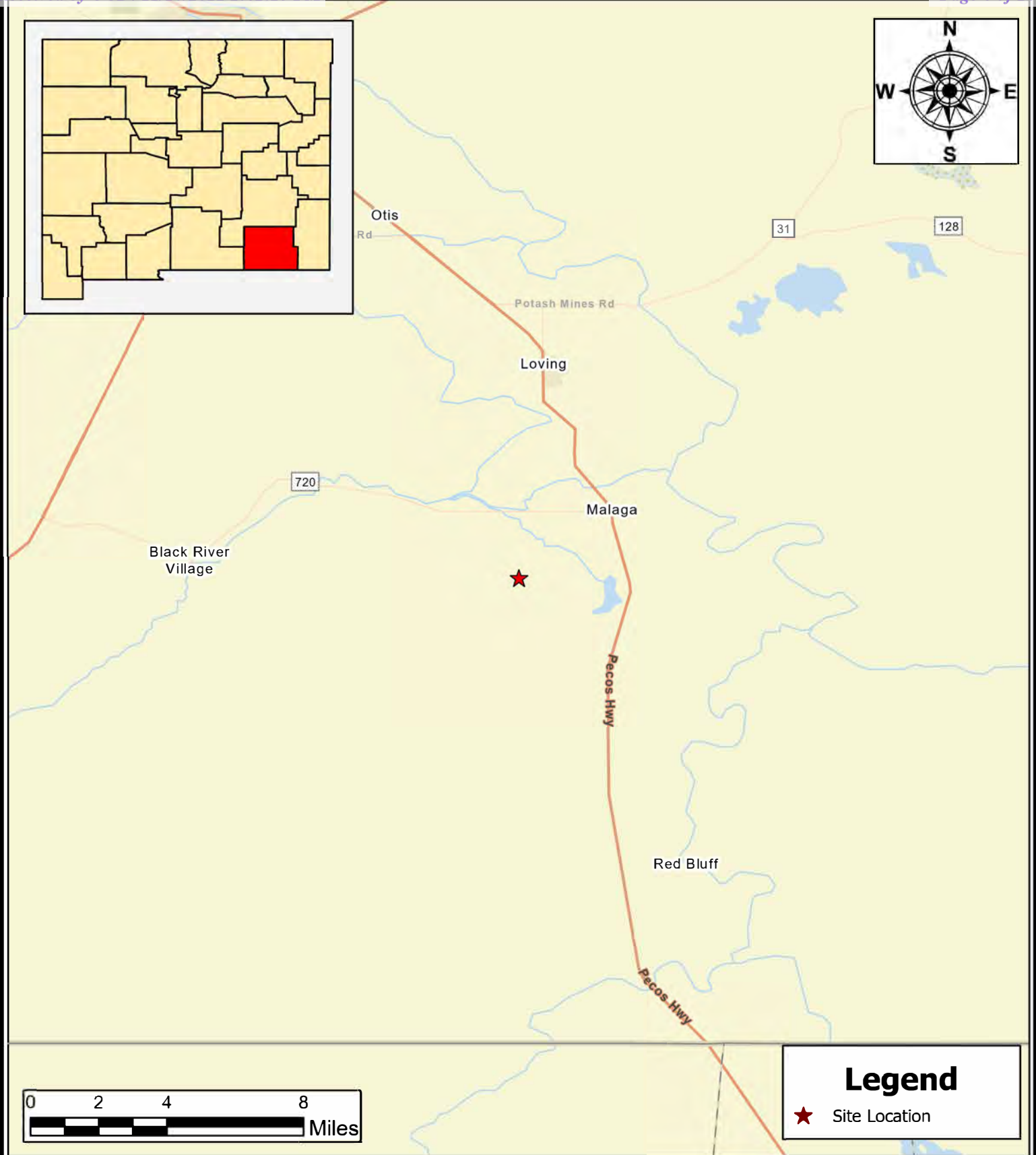
Mike Carmona
Environmental Manager

Conner Moehring
Sr. Project Manager

FIGURES

CARMONA RESOURCES



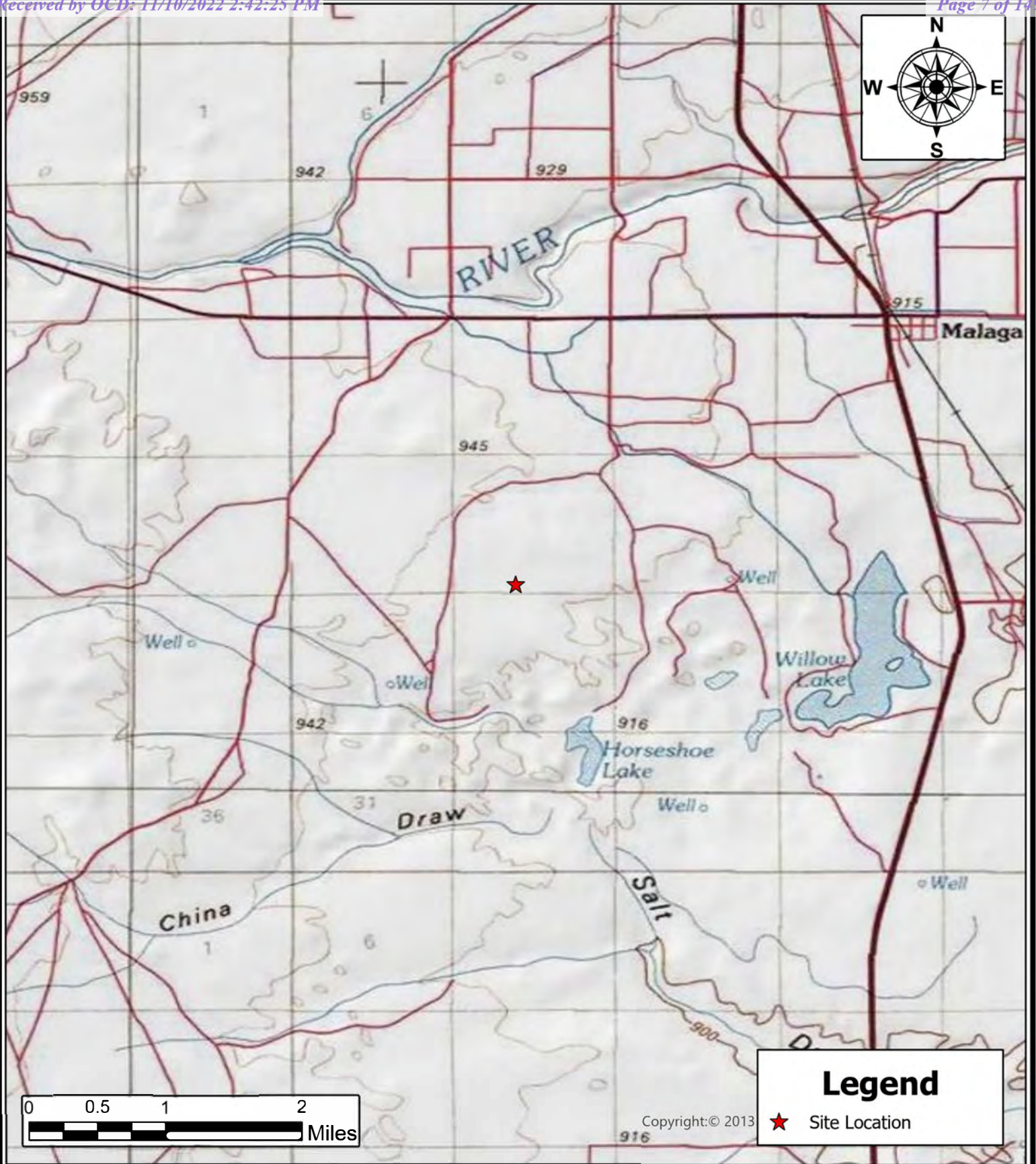


OVERVIEW MAP COG OPERATING HIGH BRASS #2H (08.07.22) EDDY COUNTY, NEW MEXICO 32.19722, -104.11027	
SCALE: As Shown	Date: 8/12/2022

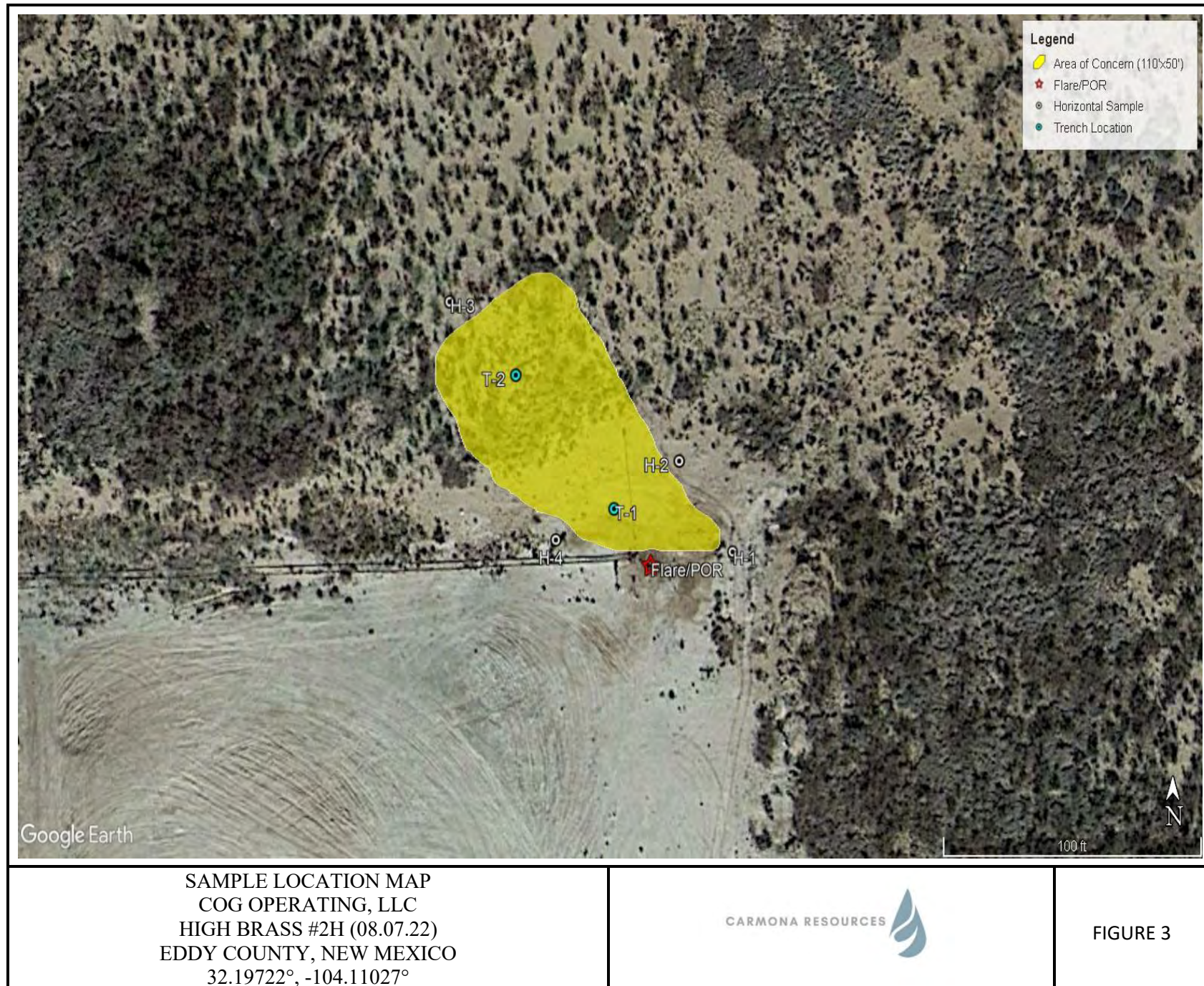
CARMONA RESOURCES  Carmona Resources 310 West Wall Street, Suite 415 Midland, Texas 79701

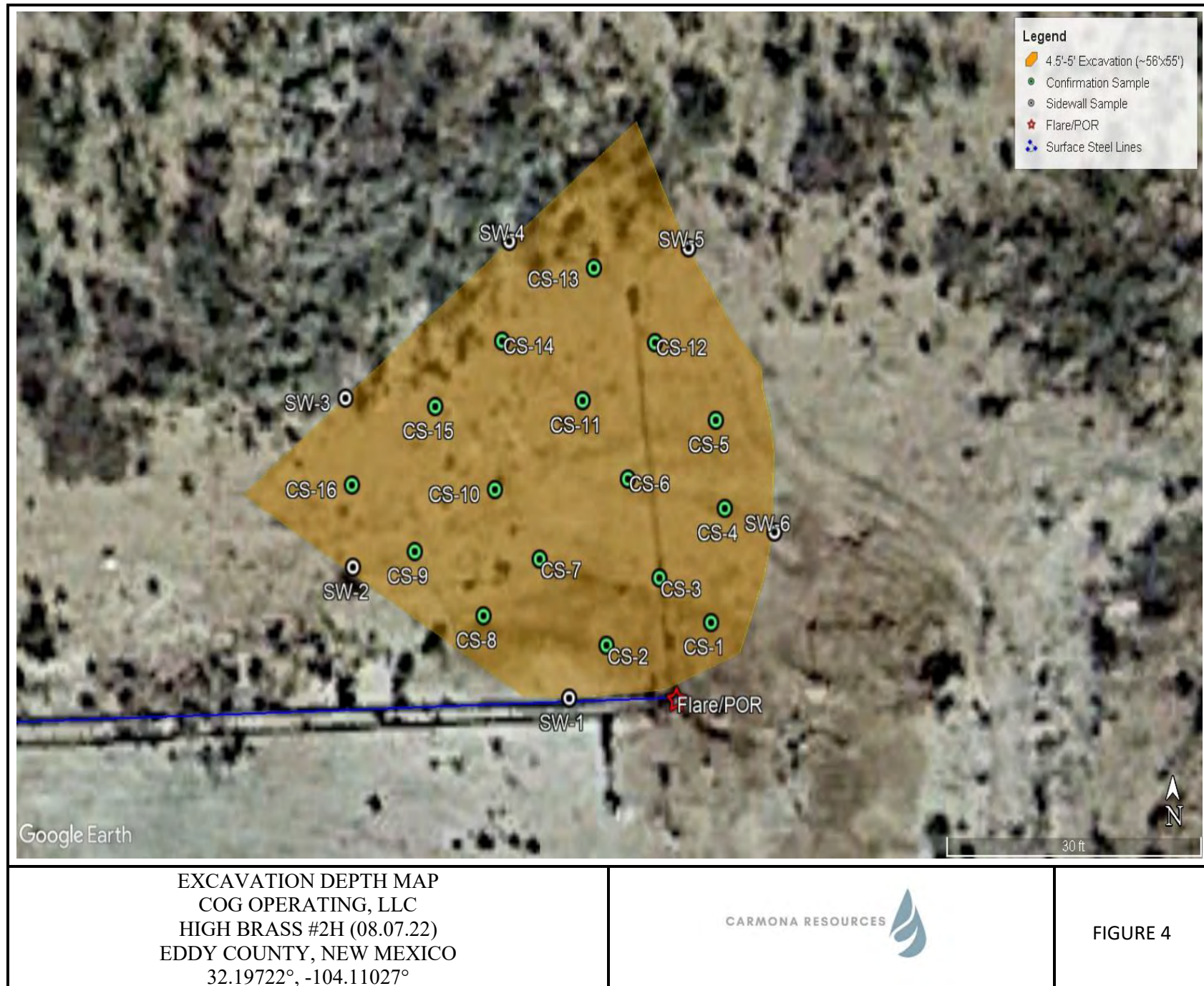
NOTES: 1. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:
FIGURE 1
SHEET NUMBER:
1 of 1



TOPOGRAPHIC MAP COG OPERATING HIGH BRASS #2H (08.07.22) EDDY COUNTY, NEW MEXICO 32.19722, -104.11027 SCALE: As Shown Date: 8/12/2022	CARMONA RESOURCES Carmona Resources 310 West Wall Street, Suite 415 Midland, Texas 79701	NOTES: 1. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983 UTM Zone 13N	DRAWING NUMBER: FIGURE 2 SHEET NUMBER: 1 of 1
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APPENDIX A

CARMONA RESOURCES



Table 1
COG
High Brass #2H (08.07.22)
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						
T-1	10/3/2022	0-1	362	1,960	286	2,610	1.08	8.06	2.78	4.50	28.8	64.5
	"	1.5	1,770	2,790	297	4,860	5.41	80.9	25.1	27.2	231	58.1
	"	2.0	787	1,610	174	2,570	5.02	63.1	21.7	22.9	192	115
	"	3.0	52.3	121	<50.0	173	<0.00200	0.0527	0.167	0.157	1.17	111
	"	4.0	<50.0	105	<50.0	105	<0.00200	0.00277	0.00498	0.0145	0.0512	249
	"	5.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00398	267
	"	6.0	<50.0	<50.0	<50.0	<50.0	<0.00200	0.00640	0.00627	0.00599	0.0287	176
T-2	10/3/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00202	<0.00404	40.5
	"	1.5	<50.0	<50.0	<50.0	<50.0	0.00246	0.00393	0.00357	0.0107	0.0206	20.4
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	0.00993	0.0150	0.0424	19.0
	"	3.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00396	21.4
	"	4.0	<50.0	52.4	<50.0	52.4	<0.00198	<0.00198	<0.00198	<0.00198	<0.00397	87.5
	"	5.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00402	115
H-1	10/3/2022	0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	208
H-2	10/3/2022	0.5	<49.9	641	<49.9	641	0.00260	<0.00199	<0.00199	<0.00398	<0.00398	18.5
H-3	10/3/2022	0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	16.4
H-4	10/3/2022	0.5	<49.9	117	<49.9	117	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	17.1
Regulatory Criteria^A							100 mg/kg	10 mg/kg	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft - feet

(T) - Trench

(H) - Horizontal

 Removed

Table 2
COG
High Brass #2H (08.07.22)
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	10/21/2022	4.5-5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	13.0	
CS-2	10/21/2022	4.5-5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	15.1	
CS-3	10/21/2022	4.5-5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	22.4	
CS-4	10/21/2022	4.5-5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	13.4	
CS-5	10/21/2022	4.5-5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	16.5	
CS-6	10/21/2022	4.5-5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	14.2	
CS-7	10/21/2022	4.5-5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	17.7	
CS-8	10/21/2022	4.5-5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	18.1	
CS-9	10/21/2022	4.5-5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	16.2	
CS-10	10/21/2022	4.5-5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	15.0	
CS-11	10/21/2022	4.5-5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	14.5	
CS-12	10/21/2022	4.5-5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	14.0	
CS-13	10/21/2022	4.5-5	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	8.21	
CS-14	10/21/2022	4.5-5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	14.0	
CS-15	10/21/2022	4.5-5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	150	
CS-16	10/21/2022	4.5-5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	61.9	
SW-1	10/21/2022	4.5-5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	17.8	
SW-2	10/21/2022	4.5-5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	12.4	
SW-3	10/21/2022	4.5-5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	22.5	
SW-4	10/21/2022	4.5-5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	11.8	
SW-5	10/21/2022	4.5-5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	11.8	
SW-6	10/21/2022	4.5-5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	17.1	
Regulatory Criteria ^A							100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft - feet

(CS) - Confirmation Sample

(SW) - Sidewall

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 1

Facility: High Brass #2 (08.07.22)

County: Eddy County, New Mexico

Description:

View Northeast of Remediation.



Photograph No. 2

Facility: High Brass #2 (08.07.22)

County: Eddy County, New Mexico

Description:

View West of Remediation.



Photograph No. 3

Facility: High Brass #2 (08.07.22)

County: Eddy County, New Mexico

Description:

View Northwest of backfill.



APPENDIX C

CARMONA RESOURCES



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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD)
Contact mailing address	

Location of Release Source

Latitude _____ Longitude _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

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.	
☐ The impacted area has been secured to protect human health and the environment.	
☐ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
☐ All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. 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 attach all information needed for closure evaluation.	
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.	
Printed Name _____	Title: _____
Signature: <u></u>	Date: _____
email: _____	Telephone: _____
<u>OCD Only</u>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>08/23/2022</u>

C Received by OCD: 11/10/2022 2:42:25 PM into a series of rectangles						Total Estimated Volume of Spill (bbl.)	
	Rectangle A	10.0	20.0	2.00	13.63%	5.933	0.809
	Rectangle B	316.0	264.0	0.01	13.63%	12.375	1.687
	Rectangle C					0.000	0.000
	Rectangle D					0.000	0.000
	Rectangle E					0.000	0.000
	Rectangle F					0.000	0.000
	Rectangle G					0.000	0.000
	Rectangle H					0.000	0.000
	Rectangle I					0.000	0.000
	Rectangle J					0.000	0.000
Total Volume Release:						2.495	

NAPP2223528168

Released to Imaging: 1/12/2023 2:36:06 PM

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 136663

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 136663
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	8/29/2022

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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?	_____ (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☐ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☐ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☐ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☐ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☐ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☐ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: Each of the following items must be included in the report.

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☐ Depth to water determination
- ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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.

Printed Name: _____ Title: _____

Signature: Jacques Harimon Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 11/10/2022

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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 (electronic submittals in .pdf format are preferred) 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.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

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.

Printed Name: _____ Title: _____

Signature: Jocelyn Harimon Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 11/10/2022

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Jennifer Nobui Date: _____

Printed Name: _____ Title: _____

Miranda Milwee

From: Mike Carmona
Sent: Wednesday, October 19, 2022 10:40 AM
To: NMOCD Spill Notifications (OCD.Enviro@emnrd.nm.gov)
Cc: Conner Moehring; Harris, Jacqui; Miranda Milwee
Subject: COG - High Brass #2H (08.07.22) 48 Hour Sampling Notification

Good Morning,

On behalf of COG, Carmona Resources will collect confirmation samples for the at-risk remediation at the below-referenced site on 10/21/22 around 10:00 a.m. Mountain Time. Please let me know if you have any questions.

COG - High Brass #2H (08.07.22)
Sec 20 T24S R28E Unit N
32.1971, -104.1113
Eddy County, New Mexico

Mike J. Carmona
310 West Wall Street, Suite 415
Midland TX, 79701
M: 432-813-1992
Mcarmona@carmonaresources.com

CARMONA RESOURCES



APPENDIX D

CARMONA RESOURCES

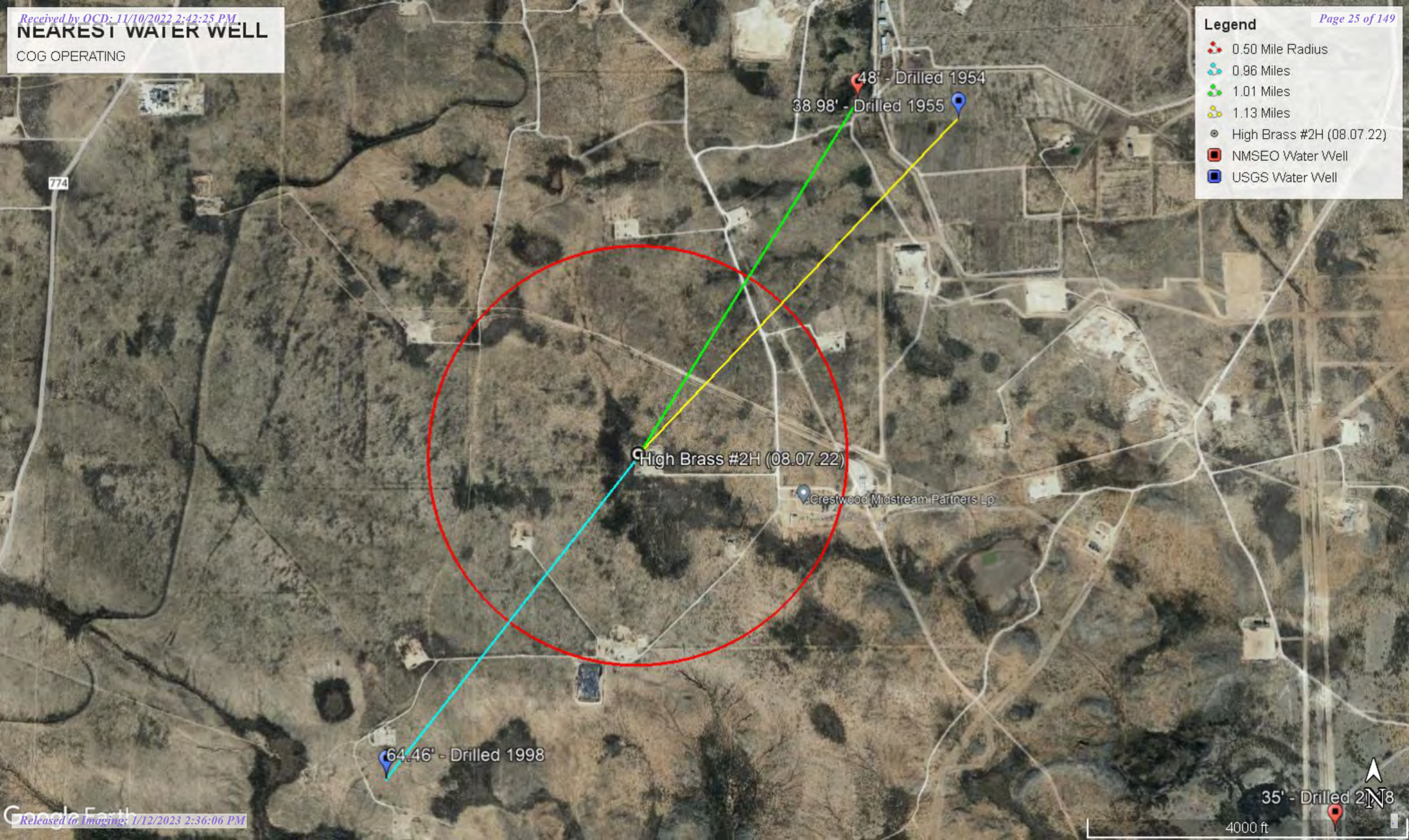


NEAREST WATER WELL

COG OPERATING

Legend

- 0.50 Mile Radius
- 0.96 Miles
- 1.01 Miles
- 1.13 Miles
- High Brass #2H (08.07.22)
- NMSEO Water Well
- USGS Water Well

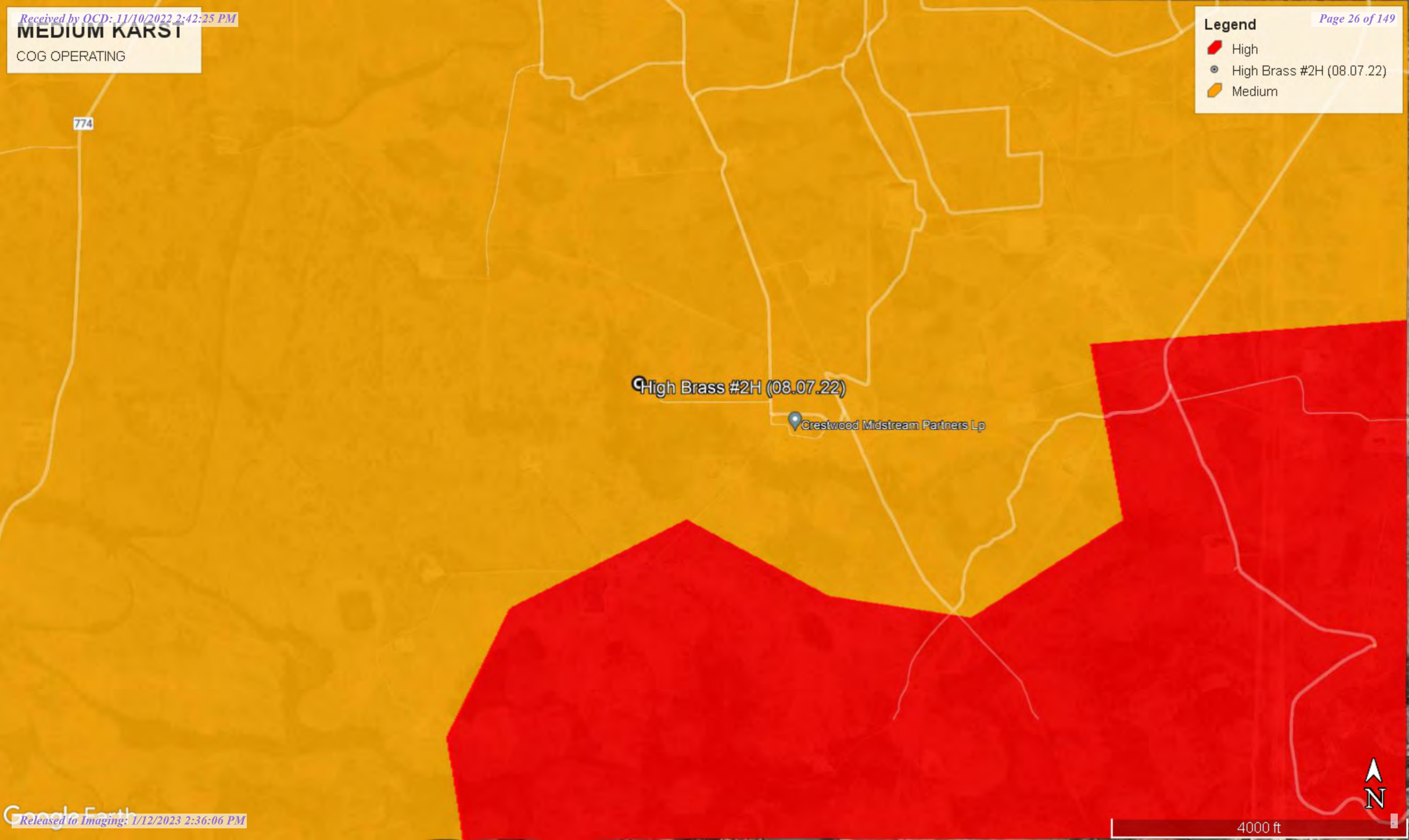


MEDIUM KARST

COG OPERATING

Legend

-  High
-  High Brass #2H (08.07.22)
-  Medium





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 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 04501 POD1	CUB	ED		3	4	1	29	24S	28E	583580	3561778	870	80		
C 00513	CUB	ED		2	2	2	20	24S	28E	584605	3564020	1625	212	48	164
C 00709	C	ED		3	3	3	16	24S	28E	584802	3564232*	1909			
C 00513 S	CUB	ED		1	3	3	16	24S	28E	584801	3564431	2079	161	42	119
C 00365	CUB	ED		2	4	1	17	24S	28E	583791	3565226*	2596	238	26	212
C 03988 POD1	CUB	ED		4	4	4	28	24S	28E	586303	3561087	2970	110	95	15
C 04222 POD1	CUB	ED		1	3	3	27	24S	28E	586406	3561228	2990	140	35	105
C 00648	C	ED		2	2	2	17	24S	28E	584593	3565644*	3126	96	58	38
C 03989 POD1	CUB	ED		4	2	2	33	24S	28E	586342	3560573	3297	100	70	30
C 00361	C CUB	ED		3	3	08	24S	28E	583283	3565926*		3331	2575		
C 04025 POD1	CUB	ED		4	3	3	27	24S	28E	586700	3560964	3375	190	90	100
C 01721	C	ED			1	25	24S	27E	580271	3562033*		3543	170		
C 03824 POD1	CUB	ED		4	1	2	16	24S	28E	585770	3565578	3567	290	60	230
C 03145	C	ED		3	1	4	13	24S	27E	580749	3564579*	3590	103	40	63
C 02244	C	LE		3	1	2	22	24S	28E	587224	3563865*	3674	260		
C 04147 POD1	CUB	ED		4	1	3	24	24S	27E	580101	3562969	3678	35		
C 03986 POD1	CUB	ED		3	4	2	22	24S	28E	587505	3563502	3842	170	120	50
C 02836	C	ED		2	2	2	16	24S	28E	586203	3565676*	3902		15	
C 04222 POD2	CUB	ED		1	2	4	22	24S	28E	587707	3563255	3992	100	40	60

Average Depth to Water: **56 feet**

Minimum Depth: **15 feet**

Maximum Depth: **120 feet**

Record Count: 19

UTMNAD83 Radius Search (in meters):

Easting (X): 583763.86

Northing (Y): 3562629.24

Radius: 4000

*UTM location was derived from PLSS - see Help

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8/12/22 8:20 AM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



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Groundwater levels for New Mexico

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Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 321110104071701

Minimum number of levels = 1

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

USGS 321110104071701 24S.28E.30.413242

Eddy County, New Mexico

Latitude 32°11'10", Longitude 104°07'17" NAD27

Land-surface elevation 3,055 feet above NAVD88

The depth of the well is 201 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Castile Formation (312CSTL) 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 measur
1983-01-31			D 62610		2989.68	NGVD29	1		Z	
1983-01-31			D 62611		2991.29	NAVD88	1		Z	
1983-01-31			D 72019	63.71			1		Z	
1988-02-10			D 62610		2991.52	NGVD29	1		Z	
1988-02-10			D 62611		2993.13	NAVD88	1		Z	
1988-02-10			D 72019	61.87			1		Z	
1992-11-04			D 62610		2990.33	NGVD29	1		S	
1992-11-04			D 62611		2991.94	NAVD88	1		S	
1992-11-04			D 72019	63.06			1		S	
1998-01-23			D 62610		2988.93	NGVD29	1		S	
1998-01-23			D 62611		2990.54	NAVD88	1		S	
1998-01-23			D 72019	64.46			1		S	

Explanation

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

[Questions about sites/data?](#)[Feedback on this web site](#)[Automated retrievals](#)[Help](#)[Data Tips](#)[Explanation of terms](#)[Subscribe for system changes](#)[News](#)[Accessibility](#)[FOIA](#)[Privacy](#)[Policies and Notices](#)[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)**Title: Groundwater for New Mexico: Water Levels****URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>**Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2022-08-12 10:34:43 EDT

0.29 0.25 nadww01



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	C 00513	2	2	2	20	24S	28E	584605	3564020

x

Driller License:**Driller Company:****Driller Name:** HOWARD HEMLER**Drill Start Date:** 03/30/1954**Drill Finish Date:** 03/30/1954**Plug Date:****Log File Date:** 06/24/1954**PCW Rev Date:** 09/22/1954**Source:** Shallow**Pump Type:** TURBIN**Pipe Discharge Size:****Estimated Yield:** 900 GPM**Casing Size:** 14.00**Depth Well:** 212 feet**Depth Water:** 48 feet

x

Water Bearing Stratifications:**Top Bottom Description**

84 135 Limestone/Dolomite/Chalk

178 212 Limestone/Dolomite/Chalk

x

Casing Perforations:**Top Bottom**

80 140

180 212

x

Meter Number: 560**Meter Make:** WATER SPEC**Meter Serial Number:** 934685**Meter Multiplier:** 1.0000**Number of Dials:** 3**Meter Type:** Diversion**Unit of Measure:** Acre-Feet**Return Flow Percent:****Usage Multiplier:****Reading Frequency:****Meter Readings (in Acre-Feet)**

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount Online
12/29/1998	1999	0	A	ms		0
04/01/1999	1999	0	A	ms		0
06/15/1999	1999	0	A	ms		0
09/29/1999	1999	0	A	ms		0
04/06/2000	2000	0	A	mb		0
07/07/2000	2000	0	A	mb		0
10/19/2000	2000	0	A	mb		0
01/05/2001	2000	0	A	ms		0
04/20/2001	2001	0	A	ms		0
07/20/2001	2001	0	A	ms	No Electric	0
04/01/2003	2002	6	A	MB		6.293
06/03/2003	2003	6	A	ms		0
08/20/2003	2003	6	A	ab		0
10/22/2003	2003	8	A	TW		1.374
01/06/2004	2003	8	A	ab		0
04/28/2004	2004	12	A	TW		4.051
07/14/2004	2004	12	A	ms		0
10/20/2004	2004	12	A	TW		0

01/03/2005	2004	12	A	TW	0
03/30/2005	2005	12	A	JW	0
07/06/2005	2005	12	A	JW	0
01/05/2006	2005	12	A	TW	0
04/05/2006	2006	12	A	tw	0.353
07/06/2006	2006	14	A	tw	2.000
01/04/2007	2006	15	A	tw	1.073
04/27/2007	2007	15	A	tw	0
07/03/2007	2007	15	A	tw	0
10/10/2007	2007	15	A	tw	0
01/02/2008	2007	15	A	tw	0
04/15/2008	2008	15	A	tw	0
10/02/2008	2008	15	A	tw	0
01/13/2009	2008	15	A	tw	0
04/15/2009	2009	15	A	tw	0
06/07/2009	2009	15	A	tw	0
01/06/2010	2009	15	A	tw	0
05/13/2010	2010	15	A	tw	0
01/12/2011	2010	15	A	tw	0
09/20/2011	2011	15	A	tw	0
01/23/2012	2011	15	A	tw	0
03/02/2012	2012	15	A	tw	0
07/02/2012	2012	15	A	tw	0
10/19/2012	2012	15	A	tw	0
02/12/2013	2013	15	A	tw	0
11/05/2013	2013	15	A	tw	0
06/10/2014	2014	15	A	tw	0
01/27/2015	2014	15	A	tw	0
03/04/2016	2016	15	A	tw	0
Pump pulled PVACD purchased					0

**YTD Meter Amounts:			Year	Amount
			1999	0
			2000	0
			2001	0
			2002	6.293
			2003	1.374
			2004	4.051
			2005	0
			2006	3.426
			2007	0
			2008	0
			2009	0
			2010	0
			2011	0
			2012	0
			2013	0
			2014	0
			2016	0

Meter Number: 564 Meter Make: WATER SPEC

Meter Serial Number: 924685

Meter Multiplier: 1.0000

Number of Dials: 4

Meter Type: Diversion

Unit of Measure: Acre-Feet

Return Flow Percent:

Usage Multiplier:

Reading Frequency:

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount Online
12/29/1998	1999	0	A	ms		0
04/01/1999	1999	0	A	ms		0
06/15/1999	1999	0	A	ms		0
09/29/1999	1999	0	A	ms		0
04/06/2000	2000	0	A	MB		0
07/07/2000	2000	0	A	MB		0
10/19/2000	2000	0	A	MB		0
01/03/2001	2000	0	A	ms		0

**YTD Meter Amounts:	Year	Amount
	1999	0
	2000	0

Meter Number: 1408

Meter Make:

Meter Serial Number: 62 074 251

Meter Multiplier: 1.0000

Number of Dials: 5

Meter Type: Power Child

Unit of Measure: Kilowatt Hours

Return Flow Percent:

Usage Multiplier:

Reading Frequency:

Meter Readings in (Kilowatt Hours)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount Online
04/06/2000	2000	30830	A	mb		0
07/07/2000	2000	30830	A	mb		0

**YTD Meter Amounts:	Year	Amount
	2000	0

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Data Category: Groundwater Geographic Area: New Mexico GO

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Groundwater levels for New Mexico

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Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 321232104055301

Minimum number of levels = 1

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

USGS 321232104055301 24S.28E.20.22244

Eddy County, New Mexico

Latitude 32°12'32", Longitude 104°05'53" NAD27

Land-surface elevation 3,039 feet above NAVD88

The depth of the well is 212 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1954-09-20			D 62610		2983.41	NGVD29	1		Z	
1954-09-20			D 62611		2985.00	NAVD88	1		Z	
1954-09-20			D 72019	54.00			1		Z	
1955-07-13			D 62610		2998.43	NGVD29	1		Z	
1955-07-13			D 62611		3000.02	NAVD88	1		Z	
1955-07-13			D 72019	38.98			1		Z	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface

Section	Code	Description
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.

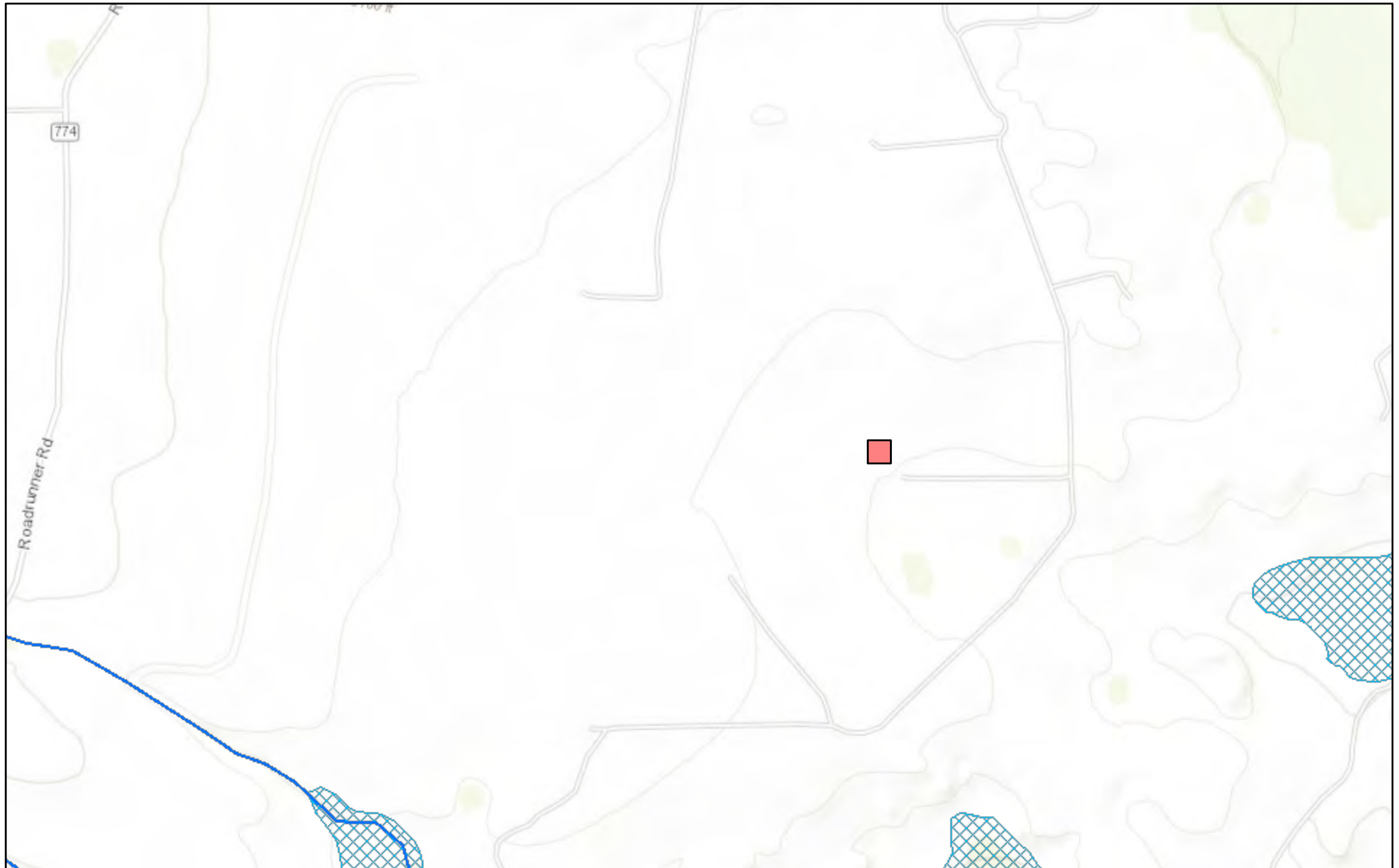
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URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>

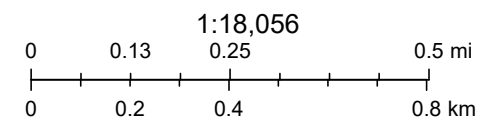


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0.27 0.24 nadww01

New Mexico NFHL Data



October 29, 2022



FEMA, Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey,

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APPENDIX E

CARMONA RESOURCES





Environment Testing America

ANALYTICAL REPORT

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-3124-1

Laboratory Sample Delivery Group: 1115
Client Project/Site: High Brass #02H (08.07.22)

For:

Carmona Resources
310 W Wall St
Ste 415
Midland, Texas 79701

Attn: Ashton Thielke

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:

10/6/2022 4:23:04 PM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Laboratory Job ID: 890-3124-1
SDG: 1115

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Definitions/Glossary

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3124-1
SDG: 1115

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

GC Semi VOA

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

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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/Site: High Brass #02H (08.07.22)

Job ID: 890-3124-1
SDG: 1115

Job ID: 890-3124-1**Laboratory: Eurofins Carlsbad****Narrative****Job Narrative
890-3124-1****Receipt**

The samples were received on 10/3/2022 10:47 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 24.2°C

Receipt Exceptions

The following samples analyzed for method <FRACTION_METHOD> were received and analyzed from an unpreserved bulk soil jar: T-1 (0-1) (890-3124-1), T-1 (1.5) (890-3124-2), T-1 (2) (890-3124-3), T-1 (3) (890-3124-4), T-1 (4) (890-3124-5), T-1 (5) (890-3124-6), T-1 (6) (890-3124-7), T-2 (0-1) (890-3124-8), T-2 (1.5) (890-3124-9), T-2 (2) (890-3124-10), T-2 (3) (890-3124-11), T-2 (4) (890-3124-12) and T-2 (5) (890-3124-13).

THE FOLLOWING SAMPLES WERE RECEIVED ANALIZED FROM UNPRESERVED SOILDS

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: T-1 (3) (890-3124-4). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (880-19973-A-1-I). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-36203 and analytical batch 880-36225 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.

GC Semi VOA

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-36028 and analytical batch 880-36019 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-1 (0-1) (890-3124-1) and T-1 (1.5) (890-3124-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-36067 and 880-36067 and analytical batch 880-36101 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.

Client Sample Results

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3124-1
SDG: 1115

Client Sample ID: T-1 (0-1)

Lab Sample ID: 890-3124-1

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:47

Sample Depth: 0 - 1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.08		0.0503		mg/Kg		10/04/22 15:54	10/05/22 14:06	25
Toluene	8.06		0.0503		mg/Kg		10/04/22 15:54	10/05/22 14:06	25
Ethylbenzene	2.78		0.0503		mg/Kg		10/04/22 15:54	10/05/22 14:06	25
m-Xylene & p-Xylene	12.4		0.101		mg/Kg		10/04/22 15:54	10/05/22 14:06	25
o-Xylene	4.50		0.0503		mg/Kg		10/04/22 15:54	10/05/22 14:06	25
Xylenes, Total	16.9		0.101		mg/Kg		10/04/22 15:54	10/05/22 14:06	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	10/04/22 15:54	10/05/22 14:06	25
1,4-Difluorobenzene (Surr)	97		70 - 130	10/04/22 15:54	10/05/22 14:06	25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	28.8		0.101		mg/Kg			10/05/22 16:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2610		50.0		mg/Kg			10/05/22 09:57	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	362		50.0		mg/Kg		10/04/22 09:00	10/04/22 14:06	1
Diesel Range Organics (Over C10-C28)	1960		50.0		mg/Kg		10/04/22 09:00	10/04/22 14:06	1
Oil Range Organics (Over C28-C36)	286		50.0		mg/Kg		10/04/22 09:00	10/04/22 14:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	27	S1-	70 - 130	10/04/22 09:00	10/04/22 14:06	1
o-Terphenyl	25	S1-	70 - 130	10/04/22 09:00	10/04/22 14:06	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	64.5		5.01		mg/Kg			10/04/22 22:34	1

Client Sample ID: T-1 (1.5)

Lab Sample ID: 890-3124-2

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:47

Sample Depth: 1.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	5.41		1.00		mg/Kg		10/05/22 16:37	10/06/22 14:00	500
Toluene	80.9		1.00		mg/Kg		10/05/22 16:37	10/06/22 14:00	500
Ethylbenzene	25.1		1.00		mg/Kg		10/05/22 16:37	10/06/22 14:00	500
m-Xylene & p-Xylene	92.4		2.00		mg/Kg		10/05/22 16:37	10/06/22 14:00	500
o-Xylene	27.2		1.00		mg/Kg		10/05/22 16:37	10/06/22 14:00	500
Xylenes, Total	120		2.00		mg/Kg		10/05/22 16:37	10/06/22 14:00	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	10/05/22 16:37	10/06/22 14:00	500

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Client Sample Results

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3124-1
SDG: 1115

Client Sample ID: T-1 (1.5)

Lab Sample ID: 890-3124-2

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:47

Sample Depth: 1.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	89		70 - 130	10/05/22 16:37	10/06/22 14:00	500

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	231		2.00		mg/Kg			10/05/22 16:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	4860		50.0		mg/Kg			10/05/22 09:57	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	1770		50.0		mg/Kg		10/04/22 09:00	10/04/22 14:27	1
Diesel Range Organics (Over C10-C28)	2790		50.0		mg/Kg		10/04/22 09:00	10/04/22 14:27	1
Oil Range Organics (Over C28-C36)	297		50.0		mg/Kg		10/04/22 09:00	10/04/22 14:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130				10/04/22 09:00	10/04/22 14:27	1
o-Terphenyl	117		70 - 130				10/04/22 09:00	10/04/22 14:27	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	58.1		5.03		mg/Kg			10/04/22 22:52	1

Client Sample ID: T-1 (2)

Lab Sample ID: 890-3124-3

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:47

Sample Depth: 2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	5.02		1.01		mg/Kg		10/05/22 16:37	10/06/22 14:21	500
Toluene	63.1		1.01		mg/Kg		10/05/22 16:37	10/06/22 14:21	500
Ethylbenzene	21.7		1.01		mg/Kg		10/05/22 16:37	10/06/22 14:21	500
m-Xylene & p-Xylene	79.2		2.02		mg/Kg		10/05/22 16:37	10/06/22 14:21	500
o-Xylene	22.9		1.01		mg/Kg		10/05/22 16:37	10/06/22 14:21	500
Xylenes, Total	102		2.02		mg/Kg		10/05/22 16:37	10/06/22 14:21	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	10/05/22 16:37	10/06/22 14:21	500
1,4-Difluorobenzene (Surr)	91		70 - 130	10/05/22 16:37	10/06/22 14:21	500

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	192		2.02		mg/Kg			10/05/22 16:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2570		49.9		mg/Kg			10/05/22 09:57	1

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Client Sample Results

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3124-1
SDG: 1115

Client Sample ID: T-1 (2)

Lab Sample ID: 890-3124-3

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:47

Sample Depth: 2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	787		49.9		mg/Kg		10/04/22 09:00	10/04/22 14:49	1
Diesel Range Organics (Over C10-C28)	1610		49.9		mg/Kg		10/04/22 09:00	10/04/22 14:49	1
Oil Range Organics (Over C28-C36)	174		49.9		mg/Kg		10/04/22 09:00	10/04/22 14:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				10/04/22 09:00	10/04/22 14:49	1
o-Terphenyl	95		70 - 130				10/04/22 09:00	10/04/22 14:49	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	115		4.97		mg/Kg			10/04/22 22:58	1

Client Sample ID: T-1 (3)

Lab Sample ID: 890-3124-4

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:47

Sample Depth: 3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		10/04/22 15:54	10/05/22 12:17	10
Toluene	0.0527		0.0200		mg/Kg		10/04/22 15:54	10/05/22 12:17	10
Ethylbenzene	0.167		0.0200		mg/Kg		10/04/22 15:54	10/05/22 12:17	10
m-Xylene & p-Xylene	0.794		0.0399		mg/Kg		10/04/22 15:54	10/05/22 12:17	10
o-Xylene	0.157		0.0200		mg/Kg		10/04/22 15:54	10/05/22 12:17	10
Xylenes, Total	0.951		0.0399		mg/Kg		10/04/22 15:54	10/05/22 12:17	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				10/04/22 15:54	10/05/22 12:17	10
1,4-Difluorobenzene (Surr)	66	S1-	70 - 130				10/04/22 15:54	10/05/22 12:17	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.17		0.0399		mg/Kg			10/05/22 16:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	173		50.0		mg/Kg			10/05/22 09:57	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	52.3		50.0		mg/Kg		10/04/22 09:00	10/04/22 15:11	1
Diesel Range Organics (Over C10-C28)	121		50.0		mg/Kg		10/04/22 09:00	10/04/22 15:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/04/22 09:00	10/04/22 15:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				10/04/22 09:00	10/04/22 15:11	1
o-Terphenyl	95		70 - 130				10/04/22 09:00	10/04/22 15:11	1

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Client Sample Results

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3124-1
SDG: 1115

Client Sample ID: T-1 (3)

Lab Sample ID: 890-3124-4

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:47

Sample Depth: 3

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	111		5.02		mg/Kg			10/04/22 23:04	1

Client Sample ID: T-1 (4)

Lab Sample ID: 890-3124-5

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:47

Sample Depth: 4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 15:54	10/05/22 11:36	1
Toluene	0.00277		0.00200		mg/Kg		10/04/22 15:54	10/05/22 11:36	1
Ethylbenzene	0.00498		0.00200		mg/Kg		10/04/22 15:54	10/05/22 11:36	1
m-Xylene & p-Xylene	0.0289		0.00401		mg/Kg		10/04/22 15:54	10/05/22 11:36	1
o-Xylene	0.0145		0.00200		mg/Kg		10/04/22 15:54	10/05/22 11:36	1
Xylenes, Total	0.0434		0.00401		mg/Kg		10/04/22 15:54	10/05/22 11:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				10/04/22 15:54	10/05/22 11:36	1
1,4-Difluorobenzene (Surr)	99		70 - 130				10/04/22 15:54	10/05/22 11:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0512		0.00401		mg/Kg			10/05/22 16:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	105		50.0		mg/Kg			10/05/22 09:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/04/22 09:00	10/04/22 15:32	1
Diesel Range Organics (Over C10-C28)	105		50.0		mg/Kg		10/04/22 09:00	10/04/22 15:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/04/22 09:00	10/04/22 15:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				10/04/22 09:00	10/04/22 15:32	1
o-Terphenyl	109		70 - 130				10/04/22 09:00	10/04/22 15:32	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	249		5.05		mg/Kg			10/04/22 23:09	1

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Client Sample Results

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3124-1
SDG: 1115

Client Sample ID: T-1 (5)

Lab Sample ID: 890-3124-6

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:47

Sample Depth: 5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/04/22 15:54	10/05/22 11:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/04/22 15:54	10/05/22 11:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/04/22 15:54	10/05/22 11:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/04/22 15:54	10/05/22 11:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/04/22 15:54	10/05/22 11:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/04/22 15:54	10/05/22 11:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	10/04/22 15:54	10/05/22 11:56	1
1,4-Difluorobenzene (Surr)	104		70 - 130	10/04/22 15:54	10/05/22 11:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/05/22 16:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/05/22 09:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/04/22 09:00	10/04/22 16:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/04/22 09:00	10/04/22 16:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/04/22 09:00	10/04/22 16:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	10/04/22 09:00	10/04/22 16:15	1
o-Terphenyl	105		70 - 130	10/04/22 09:00	10/04/22 16:15	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	267		5.00		mg/Kg			10/04/22 23:15	1

Client Sample ID: T-1 (6)

Lab Sample ID: 890-3124-7

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:47

Sample Depth: 6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 15:54	10/05/22 17:39	1
Toluene	0.00640		0.00200		mg/Kg		10/04/22 15:54	10/05/22 17:39	1
Ethylbenzene	0.00627		0.00200		mg/Kg		10/04/22 15:54	10/05/22 17:39	1
m-Xylene & p-Xylene	0.0100		0.00399		mg/Kg		10/04/22 15:54	10/05/22 17:39	1
o-Xylene	0.00599		0.00200		mg/Kg		10/04/22 15:54	10/05/22 17:39	1
Xylenes, Total	0.0160		0.00399		mg/Kg		10/04/22 15:54	10/05/22 17:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	10/04/22 15:54	10/05/22 17:39	1

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Client Sample Results

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3124-1
SDG: 1115

Client Sample ID: T-1 (6)

Date Collected: 10/03/22 00:00

Date Received: 10/03/22 10:47

Sample Depth: 6

Lab Sample ID: 890-3124-7

Matrix: Solid

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	122		70 - 130	10/04/22 15:54	10/05/22 17:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0287		0.00399		mg/Kg			10/05/22 16:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/05/22 09:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/04/22 09:00	10/04/22 16:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/04/22 09:00	10/04/22 16:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/04/22 09:00	10/04/22 16:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				10/04/22 09:00	10/04/22 16:37	1
o-Terphenyl	94		70 - 130				10/04/22 09:00	10/04/22 16:37	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	176	F1	5.00		mg/Kg			10/04/22 23:21	1

Client Sample ID: T-2 (0-1)

Date Collected: 10/03/22 00:00

Date Received: 10/03/22 10:47

Sample Depth: 0 - 1

Lab Sample ID: 890-3124-8

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/04/22 15:54	10/05/22 17:59	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/04/22 15:54	10/05/22 17:59	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/04/22 15:54	10/05/22 17:59	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		10/04/22 15:54	10/05/22 17:59	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/04/22 15:54	10/05/22 17:59	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/04/22 15:54	10/05/22 17:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	10/04/22 15:54	10/05/22 17:59	1
1,4-Difluorobenzene (Surr)	101		70 - 130	10/04/22 15:54	10/05/22 17:59	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			10/05/22 16:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/05/22 09:57	1

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Client Sample Results

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3124-1
SDG: 1115

Client Sample ID: T-2 (0-1)

Lab Sample ID: 890-3124-8

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:47

Sample Depth: 0 - 1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/04/22 08:23	10/04/22 17:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/04/22 08:23	10/04/22 17:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/04/22 08:23	10/04/22 17:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				10/04/22 08:23	10/04/22 17:07	1
o-Terphenyl	117		70 - 130				10/04/22 08:23	10/04/22 17:07	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.5		5.04		mg/Kg			10/04/22 23:39	1

Client Sample ID: T-2 (1.5)

Lab Sample ID: 890-3124-9

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:47

Sample Depth: 1.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00246		0.00202		mg/Kg		10/04/22 15:54	10/05/22 18:19	1
Toluene	0.00393		0.00202		mg/Kg		10/04/22 15:54	10/05/22 18:19	1
Ethylbenzene	0.00357		0.00202		mg/Kg		10/04/22 15:54	10/05/22 18:19	1
m-Xylene & p-Xylene	0.00689		0.00403		mg/Kg		10/04/22 15:54	10/05/22 18:19	1
o-Xylene	0.00379		0.00202		mg/Kg		10/04/22 15:54	10/05/22 18:19	1
Xylenes, Total	0.0107		0.00403		mg/Kg		10/04/22 15:54	10/05/22 18:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				10/04/22 15:54	10/05/22 18:19	1
1,4-Difluorobenzene (Surr)	121		70 - 130				10/04/22 15:54	10/05/22 18:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0206		0.00403		mg/Kg			10/05/22 16:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/05/22 09:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/04/22 08:23	10/04/22 17:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/04/22 08:23	10/04/22 17:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/04/22 08:23	10/04/22 17:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				10/04/22 08:23	10/04/22 17:29	1
o-Terphenyl	110		70 - 130				10/04/22 08:23	10/04/22 17:29	1

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Client Sample Results

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3124-1
SDG: 1115

Client Sample ID: T-2 (1.5)

Lab Sample ID: 890-3124-9

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:47

Sample Depth: 1.5

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.4		5.05		mg/Kg			10/04/22 23:44	1

Client Sample ID: T-2 (2)

Lab Sample ID: 890-3124-10

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:47

Sample Depth: 2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 15:54	10/05/22 18:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 15:54	10/05/22 18:40	1
Ethylbenzene	0.00993		0.00200		mg/Kg		10/04/22 15:54	10/05/22 18:40	1
m-Xylene & p-Xylene	0.0175		0.00399		mg/Kg		10/04/22 15:54	10/05/22 18:40	1
o-Xylene	0.0150		0.00200		mg/Kg		10/04/22 15:54	10/05/22 18:40	1
Xylenes, Total	0.0325		0.00399		mg/Kg		10/04/22 15:54	10/05/22 18:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				10/04/22 15:54	10/05/22 18:40	1
1,4-Difluorobenzene (Surr)	110		70 - 130				10/04/22 15:54	10/05/22 18:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0424		0.00399		mg/Kg			10/05/22 16:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/05/22 09:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/04/22 08:23	10/04/22 17:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/04/22 08:23	10/04/22 17:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/04/22 08:23	10/04/22 17:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				10/04/22 08:23	10/04/22 17:50	1
o-Terphenyl	107		70 - 130				10/04/22 08:23	10/04/22 17:50	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.0		4.98		mg/Kg			10/05/22 00:02	1

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Client Sample Results

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3124-1
SDG: 1115

Client Sample ID: T-2 (3)

Lab Sample ID: 890-3124-11

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:47

Sample Depth: 3

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		10/04/22 15:54	10/05/22 19:00	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/04/22 15:54	10/05/22 19:00	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/04/22 15:54	10/05/22 19:00	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/04/22 15:54	10/05/22 19:00	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/04/22 15:54	10/05/22 19:00	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/04/22 15:54	10/05/22 19:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	10/04/22 15:54	10/05/22 19:00	1
1,4-Difluorobenzene (Surr)	103		70 - 130	10/04/22 15:54	10/05/22 19:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/05/22 16:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/05/22 09:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/04/22 08:23	10/04/22 18:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/04/22 08:23	10/04/22 18:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/04/22 08:23	10/04/22 18:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	10/04/22 08:23	10/04/22 18:12	1
o-Terphenyl	110		70 - 130	10/04/22 08:23	10/04/22 18:12	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.4		4.98		mg/Kg			10/05/22 00:08	1

Client Sample ID: T-2 (4)

Lab Sample ID: 890-3124-12

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:47

Sample Depth: 4

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		10/04/22 15:54	10/05/22 19:21	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/04/22 15:54	10/05/22 19:21	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/04/22 15:54	10/05/22 19:21	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/04/22 15:54	10/05/22 19:21	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/04/22 15:54	10/05/22 19:21	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/04/22 15:54	10/05/22 19:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	10/04/22 15:54	10/05/22 19:21	1

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Client Sample Results

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3124-1
SDG: 1115

Client Sample ID: T-2 (4)

Lab Sample ID: 890-3124-12

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:47

Sample Depth: 4

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	99		70 - 130	10/04/22 15:54	10/05/22 19:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			10/05/22 16:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	52.4		50.0		mg/Kg			10/05/22 09:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/04/22 08:23	10/04/22 18:33	1
Diesel Range Organics (Over C10-C28)	52.4		50.0		mg/Kg		10/04/22 08:23	10/04/22 18:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/04/22 08:23	10/04/22 18:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				10/04/22 08:23	10/04/22 18:33	1
o-Terphenyl	95		70 - 130				10/04/22 08:23	10/04/22 18:33	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	87.5		4.99		mg/Kg			10/05/22 00:14	1

Client Sample ID: T-2 (5)

Lab Sample ID: 890-3124-13

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:47

Sample Depth: 5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/04/22 15:54	10/05/22 19:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/04/22 15:54	10/05/22 19:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/04/22 15:54	10/05/22 19:41	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/04/22 15:54	10/05/22 19:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/04/22 15:54	10/05/22 19:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/04/22 15:54	10/05/22 19:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	10/04/22 15:54	10/05/22 19:41	1
1,4-Difluorobenzene (Surr)	99		70 - 130	10/04/22 15:54	10/05/22 19:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/05/22 16:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/05/22 09:57	1

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Client Sample Results

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3124-1
SDG: 1115

Client Sample ID: T-2 (5)

Lab Sample ID: 890-3124-13

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:47

Sample Depth: 5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/04/22 08:23	10/04/22 18:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/04/22 08:23	10/04/22 18:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/04/22 08:23	10/04/22 18:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				10/04/22 08:23	10/04/22 18:55	1
o-Terphenyl	115		70 - 130				10/04/22 08:23	10/04/22 18:55	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	115		4.96		mg/Kg			10/05/22 00:19	1

Surrogate Summary

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3124-1
SDG: 1115

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)
880-19973-A-1-G MS	Matrix Spike	84	76
880-19973-A-1-H MSD	Matrix Spike Duplicate	97	94
890-3124-1	T-1 (0-1)	108	97
890-3124-2	T-1 (1.5)	105	89
890-3124-3	T-1 (2)	101	91
890-3124-4	T-1 (3)	98	66 S1-
890-3124-5	T-1 (4)	109	99
890-3124-5 MS	T-1 (4)	115	96
890-3124-5 MSD	T-1 (4)	115	91
890-3124-6	T-1 (5)	109	104
890-3124-7	T-1 (6)	109	122
890-3124-8	T-2 (0-1)	114	101
890-3124-9	T-2 (1.5)	103	121
890-3124-10	T-2 (2)	100	110
890-3124-11	T-2 (3)	117	103
890-3124-12	T-2 (4)	108	99
890-3124-13	T-2 (5)	117	99
LCS 880-36070/1-A	Lab Control Sample	109	101
LCS 880-36203/1-A	Lab Control Sample	96	94
LCSD 880-36070/2-A	Lab Control Sample Dup	117	104
LCSD 880-36203/2-A	Lab Control Sample Dup	94	102
MB 880-36070/5-A	Method Blank	102	113
MB 880-36203/5-A	Method Blank	97	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)
890-3114-A-32-D MS	Matrix Spike	96	88
890-3114-A-32-E MSD	Matrix Spike Duplicate	82	75
890-3124-1	T-1 (0-1)	27 S1-	25 S1-
890-3124-2	T-1 (1.5)	133 S1+	117
890-3124-3	T-1 (2)	103	95
890-3124-4	T-1 (3)	91	95
890-3124-5	T-1 (4)	105	109
890-3124-6	T-1 (5)	98	105
890-3124-7	T-1 (6)	89	94
890-3124-8	T-2 (0-1)	109	117
890-3124-9	T-2 (1.5)	103	110
890-3124-10	T-2 (2)	101	107
890-3124-11	T-2 (3)	103	110
890-3124-12	T-2 (4)	90	95
890-3124-13	T-2 (5)	110	115
LCS 880-36028/2-A	Lab Control Sample	99	104

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Surrogate Summary

Client: Carmona Resources

Job ID: 890-3124-1

Project/Site: High Brass #02H (08.07.22)

SDG: 1115

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
LCSD 880-36028/3-A	Lab Control Sample Dup	100	106
MB 880-36028/1-A	Method Blank	129	142 S1+
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3124-1
SDG: 1115

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-36070/5-A

Matrix: Solid

Analysis Batch: 36121

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 36070

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 15:54	10/05/22 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 15:54	10/05/22 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/22 15:54	10/05/22 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/04/22 15:54	10/05/22 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 15:54	10/05/22 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/04/22 15:54	10/05/22 11:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	10/04/22 15:54	10/05/22 11:07	1
1,4-Difluorobenzene (Surr)	113		70 - 130	10/04/22 15:54	10/05/22 11:07	1

Lab Sample ID: LCS 880-36070/1-A

Matrix: Solid

Analysis Batch: 36121

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 36070

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09773		mg/Kg		98	70 - 130
Toluene	0.100	0.1066		mg/Kg		107	70 - 130
Ethylbenzene	0.100	0.1090		mg/Kg		109	70 - 130
m-Xylene & p-Xylene	0.200	0.2220		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1086		mg/Kg		109	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-36070/2-A

Matrix: Solid

Analysis Batch: 36121

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 36070

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1067		mg/Kg		107	70 - 130	9	35
Toluene	0.100	0.1167		mg/Kg		117	70 - 130	9	35
Ethylbenzene	0.100	0.1204		mg/Kg		120	70 - 130	10	35
m-Xylene & p-Xylene	0.200	0.2460		mg/Kg		123	70 - 130	10	35
o-Xylene	0.100	0.1208		mg/Kg		121	70 - 130	11	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 890-3124-5 MS

Matrix: Solid

Analysis Batch: 36121

Client Sample ID: T-1 (4)

Prep Type: Total/NA

Prep Batch: 36070

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3124-1
SDG: 1115

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

Lab Sample ID: 890-3124-5 MS

Matrix: Solid

Analysis Batch: 36121

Client Sample ID: T-1 (4)

Prep Type: Total/NA

Prep Batch: 36070

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

Lab Sample ID: 890-3124-5 MSD

Matrix: Solid

Analysis Batch: 36121

Client Sample ID: T-1 (4)

Prep Type: Total/NA

Prep Batch: 36070

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0996	0.08771		mg/Kg					
Toluene	0.00277		0.0996	0.1158		mg/Kg					
Ethylbenzene	0.00498		0.0996	0.1025		mg/Kg					
m-Xylene & p-Xylene	0.0289		0.199	0.2286		mg/Kg					
o-Xylene	0.0145		0.0996	0.1080		mg/Kg					

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: MB 880-36203/5-A

Matrix: Solid

Analysis Batch: 36225

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 36203

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/05/22 16:37	10/06/22 10:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/05/22 16:37	10/06/22 10:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/05/22 16:37	10/06/22 10:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/05/22 16:37	10/06/22 10:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/05/22 16:37	10/06/22 10:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/05/22 16:37	10/06/22 10:14	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	97		70 - 130	10/05/22 16:37	10/06/22 10:14	1			
1,4-Difluorobenzene (Surr)	82		70 - 130	10/05/22 16:37	10/06/22 10:14	1			

Lab Sample ID: LCS 880-36203/1-A

Matrix: Solid

Analysis Batch: 36225

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 36203

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09629		mg/Kg		96	70 - 130
Toluene	0.100	0.1079		mg/Kg		108	70 - 130
Ethylbenzene	0.100	0.1079		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2339		mg/Kg		117	70 - 130
o-Xylene	0.100	0.1160		mg/Kg		116	70 - 130

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

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QC Sample Results

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3124-1
SDG: 1115

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

Lab Sample ID: LCSD 880-36203/2-A

Matrix: Solid

Analysis Batch: 36225

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 36203

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09590		mg/Kg		96	70 - 130	0	35
Toluene	0.100	0.1056		mg/Kg		106	70 - 130	2	35
Ethylbenzene	0.100	0.1010		mg/Kg		101	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.2204		mg/Kg		110	70 - 130	6	35
o-Xylene	0.100	0.1109		mg/Kg		111	70 - 130	4	35

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

Lab Sample ID: 880-19973-A-1-G MS

Matrix: Solid

Analysis Batch: 36225

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 36203

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F2 F1	0.100	0.04782	F1	mg/Kg		48	70 - 130
Toluene	<0.00201	U	0.100	0.07882		mg/Kg		78	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.08675		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1519		mg/Kg		76	70 - 130
o-Xylene	<0.00201	U	0.100	0.07506		mg/Kg		75	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	84		70 - 130
1,4-Difluorobenzene (Surr)	76		70 - 130

Lab Sample ID: 880-19973-A-1-H MSD

Matrix: Solid

Analysis Batch: 36225

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 36203

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F2 F1	0.0990	0.07245	F2	mg/Kg		73	70 - 130	41	35
Toluene	<0.00201	U	0.0990	0.08075		mg/Kg		81	70 - 130	2	35
Ethylbenzene	<0.00201	U	0.0990	0.07871		mg/Kg		79	70 - 130	10	35
m-Xylene & p-Xylene	<0.00402	U	0.198	0.1673		mg/Kg		84	70 - 130	10	35
o-Xylene	<0.00201	U	0.0990	0.08379		mg/Kg		85	70 - 130	11	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3124-1
SDG: 1115

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

Lab Sample ID: MB 880-36028/1-A

Matrix: Solid

Analysis Batch: 36019

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 36028

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/04/22 08:23	10/04/22 10:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/04/22 08:23	10/04/22 10:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/04/22 08:23	10/04/22 10:16	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130				10/04/22 08:23	10/04/22 10:16	1
o-Terphenyl	142	S1+	70 - 130				10/04/22 08:23	10/04/22 10:16	1

Lab Sample ID: LCS 880-36028/2-A

Matrix: Solid

Analysis Batch: 36019

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 36028

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	950.3		mg/Kg		95	70 - 130
Diesel Range Organics (Over C10-C28)	1000	897.7		mg/Kg		90	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	99		70 - 130				
o-Terphenyl	104		70 - 130				

Lab Sample ID: LCSD 880-36028/3-A

Matrix: Solid

Analysis Batch: 36019

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 36028

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	865.0		mg/Kg		86	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	1000	902.2		mg/Kg		90	70 - 130	0	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	100		70 - 130						
o-Terphenyl	106		70 - 130						

Lab Sample ID: 890-3114-A-32-D MS

Matrix: Solid

Analysis Batch: 36019

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 36028

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	983.0		mg/Kg		97	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1166		mg/Kg		114	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3124-1
SDG: 1115

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

Lab Sample ID: 890-3114-A-32-D MS

Matrix: Solid

Analysis Batch: 36019

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 36028

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	96		70 - 130
o-Terphenyl	88		70 - 130

Lab Sample ID: 890-3114-A-32-E MSD

Matrix: Solid

Analysis Batch: 36019

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 36028

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	1106		mg/Kg		109	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1007		mg/Kg		98	70 - 130	15	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	82		70 - 130								
o-Terphenyl	75		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-36067/1-A

Matrix: Solid

Analysis Batch: 36101

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	<5.00	U	5.00		mg/Kg			10/04/22 21:42	1	

Lab Sample ID: LCS 880-36067/2-A

Matrix: Solid

Analysis Batch: 36101

Client Sample ID: Lab Control Sample

Prep Type: Soluble

	Spike	LCS	LCS					%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Chloride	250	250.7		mg/Kg		100	90 - 110			

Lab Sample ID: LCSD 880-36067/3-A

Matrix: Solid

Analysis Batch: 36101

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

	Spike	LCSD	LCSD					%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Chloride	250	240.2		mg/Kg		96	90 - 110	4	20	

Lab Sample ID: 890-3124-7 MS

Matrix: Solid

Analysis Batch: 36101

Client Sample ID: T-1 (6)

Prep Type: Soluble

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	176	F1	250	367.2	F1	mg/Kg		77	90 - 110		

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QC Sample Results

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3124-1
SDG: 1115

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-3124-7 MSD					Client Sample ID: T-1 (6)							
Matrix: Solid					Prep Type: Soluble							
Analysis Batch: 36101												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	176	F1	250	394.9	F1	mg/Kg		88	90 - 110	7	20	

QC Association Summary

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3124-1
SDG: 1115

GC VOA

Prep Batch: 36070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3124-1	T-1 (0-1)	Total/NA	Solid	5035	
890-3124-4	T-1 (3)	Total/NA	Solid	5035	
890-3124-5	T-1 (4)	Total/NA	Solid	5035	
890-3124-6	T-1 (5)	Total/NA	Solid	5035	
890-3124-7	T-1 (6)	Total/NA	Solid	5035	
890-3124-8	T-2 (0-1)	Total/NA	Solid	5035	
890-3124-9	T-2 (1.5)	Total/NA	Solid	5035	
890-3124-10	T-2 (2)	Total/NA	Solid	5035	
890-3124-11	T-2 (3)	Total/NA	Solid	5035	
890-3124-12	T-2 (4)	Total/NA	Solid	5035	
890-3124-13	T-2 (5)	Total/NA	Solid	5035	
MB 880-36070/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-36070/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-36070/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3124-5 MS	T-1 (4)	Total/NA	Solid	5035	
890-3124-5 MSD	T-1 (4)	Total/NA	Solid	5035	

Analysis Batch: 36121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3124-1	T-1 (0-1)	Total/NA	Solid	8021B	36070
890-3124-4	T-1 (3)	Total/NA	Solid	8021B	36070
890-3124-5	T-1 (4)	Total/NA	Solid	8021B	36070
890-3124-6	T-1 (5)	Total/NA	Solid	8021B	36070
890-3124-7	T-1 (6)	Total/NA	Solid	8021B	36070
890-3124-8	T-2 (0-1)	Total/NA	Solid	8021B	36070
890-3124-9	T-2 (1.5)	Total/NA	Solid	8021B	36070
890-3124-10	T-2 (2)	Total/NA	Solid	8021B	36070
890-3124-11	T-2 (3)	Total/NA	Solid	8021B	36070
890-3124-12	T-2 (4)	Total/NA	Solid	8021B	36070
890-3124-13	T-2 (5)	Total/NA	Solid	8021B	36070
MB 880-36070/5-A	Method Blank	Total/NA	Solid	8021B	36070
LCS 880-36070/1-A	Lab Control Sample	Total/NA	Solid	8021B	36070
LCSD 880-36070/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	36070
890-3124-5 MS	T-1 (4)	Total/NA	Solid	8021B	36070
890-3124-5 MSD	T-1 (4)	Total/NA	Solid	8021B	36070

Analysis Batch: 36200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3124-1	T-1 (0-1)	Total/NA	Solid	Total BTEX	
890-3124-2	T-1 (1.5)	Total/NA	Solid	Total BTEX	
890-3124-3	T-1 (2)	Total/NA	Solid	Total BTEX	
890-3124-4	T-1 (3)	Total/NA	Solid	Total BTEX	
890-3124-5	T-1 (4)	Total/NA	Solid	Total BTEX	
890-3124-6	T-1 (5)	Total/NA	Solid	Total BTEX	
890-3124-7	T-1 (6)	Total/NA	Solid	Total BTEX	
890-3124-8	T-2 (0-1)	Total/NA	Solid	Total BTEX	
890-3124-9	T-2 (1.5)	Total/NA	Solid	Total BTEX	
890-3124-10	T-2 (2)	Total/NA	Solid	Total BTEX	
890-3124-11	T-2 (3)	Total/NA	Solid	Total BTEX	
890-3124-12	T-2 (4)	Total/NA	Solid	Total BTEX	
890-3124-13	T-2 (5)	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3124-1
SDG: 1115

GC VOA

Prep Batch: 36203

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3124-2	T-1 (1.5)	Total/NA	Solid	5035	
890-3124-3	T-1 (2)	Total/NA	Solid	5035	
MB 880-36203/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-36203/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-36203/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-19973-A-1-G MS	Matrix Spike	Total/NA	Solid	5035	
880-19973-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 36225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3124-2	T-1 (1.5)	Total/NA	Solid	8021B	36203
890-3124-3	T-1 (2)	Total/NA	Solid	8021B	36203
MB 880-36203/5-A	Method Blank	Total/NA	Solid	8021B	36203
LCS 880-36203/1-A	Lab Control Sample	Total/NA	Solid	8021B	36203
LCSD 880-36203/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	36203
880-19973-A-1-G MS	Matrix Spike	Total/NA	Solid	8021B	36203
880-19973-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	36203

GC Semi VOA

Analysis Batch: 36019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3124-1	T-1 (0-1)	Total/NA	Solid	8015B NM	36028
890-3124-2	T-1 (1.5)	Total/NA	Solid	8015B NM	36028
890-3124-3	T-1 (2)	Total/NA	Solid	8015B NM	36028
890-3124-4	T-1 (3)	Total/NA	Solid	8015B NM	36028
890-3124-5	T-1 (4)	Total/NA	Solid	8015B NM	36028
890-3124-6	T-1 (5)	Total/NA	Solid	8015B NM	36028
890-3124-7	T-1 (6)	Total/NA	Solid	8015B NM	36028
890-3124-8	T-2 (0-1)	Total/NA	Solid	8015B NM	36028
890-3124-9	T-2 (1.5)	Total/NA	Solid	8015B NM	36028
890-3124-10	T-2 (2)	Total/NA	Solid	8015B NM	36028
890-3124-11	T-2 (3)	Total/NA	Solid	8015B NM	36028
890-3124-12	T-2 (4)	Total/NA	Solid	8015B NM	36028
890-3124-13	T-2 (5)	Total/NA	Solid	8015B NM	36028
MB 880-36028/1-A	Method Blank	Total/NA	Solid	8015B NM	36028
LCS 880-36028/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	36028
LCSD 880-36028/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	36028
890-3114-A-32-D MS	Matrix Spike	Total/NA	Solid	8015B NM	36028
890-3114-A-32-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	36028

Prep Batch: 36028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3124-1	T-1 (0-1)	Total/NA	Solid	8015NM Prep	
890-3124-2	T-1 (1.5)	Total/NA	Solid	8015NM Prep	
890-3124-3	T-1 (2)	Total/NA	Solid	8015NM Prep	
890-3124-4	T-1 (3)	Total/NA	Solid	8015NM Prep	
890-3124-5	T-1 (4)	Total/NA	Solid	8015NM Prep	
890-3124-6	T-1 (5)	Total/NA	Solid	8015NM Prep	
890-3124-7	T-1 (6)	Total/NA	Solid	8015NM Prep	
890-3124-8	T-2 (0-1)	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3124-1
SDG: 1115

GC Semi VOA (Continued)

Prep Batch: 36028 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3124-9	T-2 (1.5)	Total/NA	Solid	8015NM Prep	
890-3124-10	T-2 (2)	Total/NA	Solid	8015NM Prep	
890-3124-11	T-2 (3)	Total/NA	Solid	8015NM Prep	
890-3124-12	T-2 (4)	Total/NA	Solid	8015NM Prep	
890-3124-13	T-2 (5)	Total/NA	Solid	8015NM Prep	
MB 880-36028/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-36028/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-36028/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3114-A-32-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-3114-A-32-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 36151

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3124-1	T-1 (0-1)	Total/NA	Solid	8015 NM	
890-3124-2	T-1 (1.5)	Total/NA	Solid	8015 NM	
890-3124-3	T-1 (2)	Total/NA	Solid	8015 NM	
890-3124-4	T-1 (3)	Total/NA	Solid	8015 NM	
890-3124-5	T-1 (4)	Total/NA	Solid	8015 NM	
890-3124-6	T-1 (5)	Total/NA	Solid	8015 NM	
890-3124-7	T-1 (6)	Total/NA	Solid	8015 NM	
890-3124-8	T-2 (0-1)	Total/NA	Solid	8015 NM	
890-3124-9	T-2 (1.5)	Total/NA	Solid	8015 NM	
890-3124-10	T-2 (2)	Total/NA	Solid	8015 NM	
890-3124-11	T-2 (3)	Total/NA	Solid	8015 NM	
890-3124-12	T-2 (4)	Total/NA	Solid	8015 NM	
890-3124-13	T-2 (5)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 36067

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3124-1	T-1 (0-1)	Soluble	Solid	DI Leach	
890-3124-2	T-1 (1.5)	Soluble	Solid	DI Leach	
890-3124-3	T-1 (2)	Soluble	Solid	DI Leach	
890-3124-4	T-1 (3)	Soluble	Solid	DI Leach	
890-3124-5	T-1 (4)	Soluble	Solid	DI Leach	
890-3124-6	T-1 (5)	Soluble	Solid	DI Leach	
890-3124-7	T-1 (6)	Soluble	Solid	DI Leach	
890-3124-8	T-2 (0-1)	Soluble	Solid	DI Leach	
890-3124-9	T-2 (1.5)	Soluble	Solid	DI Leach	
890-3124-10	T-2 (2)	Soluble	Solid	DI Leach	
890-3124-11	T-2 (3)	Soluble	Solid	DI Leach	
890-3124-12	T-2 (4)	Soluble	Solid	DI Leach	
890-3124-13	T-2 (5)	Soluble	Solid	DI Leach	
MB 880-36067/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-36067/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-36067/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3124-7 MS	T-1 (6)	Soluble	Solid	DI Leach	
890-3124-7 MSD	T-1 (6)	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3124-1
SDG: 1115

HPLC/IC

Analysis Batch: 36101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3124-1	T-1 (0-1)	Soluble	Solid	300.0	36067
890-3124-2	T-1 (1.5)	Soluble	Solid	300.0	36067
890-3124-3	T-1 (2)	Soluble	Solid	300.0	36067
890-3124-4	T-1 (3)	Soluble	Solid	300.0	36067
890-3124-5	T-1 (4)	Soluble	Solid	300.0	36067
890-3124-6	T-1 (5)	Soluble	Solid	300.0	36067
890-3124-7	T-1 (6)	Soluble	Solid	300.0	36067
890-3124-8	T-2 (0-1)	Soluble	Solid	300.0	36067
890-3124-9	T-2 (1.5)	Soluble	Solid	300.0	36067
890-3124-10	T-2 (2)	Soluble	Solid	300.0	36067
890-3124-11	T-2 (3)	Soluble	Solid	300.0	36067
890-3124-12	T-2 (4)	Soluble	Solid	300.0	36067
890-3124-13	T-2 (5)	Soluble	Solid	300.0	36067
MB 880-36067/1-A	Method Blank	Soluble	Solid	300.0	36067
LCS 880-36067/2-A	Lab Control Sample	Soluble	Solid	300.0	36067
LCSD 880-36067/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	36067
890-3124-7 MS	T-1 (6)	Soluble	Solid	300.0	36067
890-3124-7 MSD	T-1 (6)	Soluble	Solid	300.0	36067

Lab Chronicle

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3124-1
SDG: 1115

Client Sample ID: T-1 (0-1)

Lab Sample ID: 890-3124-1

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:47

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	36070	10/04/22 15:54	MNR	EET MID
Total/NA	Analysis	8021B		25	5 mL	5 mL	36121	10/05/22 14:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36200	10/05/22 16:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			36151	10/05/22 09:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	36028	10/04/22 09:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36019	10/04/22 14:06	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	36067	10/04/22 15:07	KS	EET MID
Soluble	Analysis	300.0		1			36101	10/04/22 22:34	CH	EET MID

Client Sample ID: T-1 (1.5)

Lab Sample ID: 890-3124-2

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	36203	10/05/22 16:37	MNR	EET MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	36225	10/06/22 14:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36200	10/05/22 16:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			36151	10/05/22 09:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	36028	10/04/22 09:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36019	10/04/22 14:27	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	36067	10/04/22 15:07	KS	EET MID
Soluble	Analysis	300.0		1			36101	10/04/22 22:52	CH	EET MID

Client Sample ID: T-1 (2)

Lab Sample ID: 890-3124-3

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:47

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	36203	10/05/22 16:37	MNR	EET MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	36225	10/06/22 14:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36200	10/05/22 16:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			36151	10/05/22 09:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	36028	10/04/22 09:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36019	10/04/22 14:49	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	36067	10/04/22 15:07	KS	EET MID
Soluble	Analysis	300.0		1			36101	10/04/22 22:58	CH	EET MID

Client Sample ID: T-1 (3)

Lab Sample ID: 890-3124-4

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:47

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	36070	10/04/22 15:54	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	36121	10/05/22 12:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36200	10/05/22 16:05	SM	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3124-1
SDG: 1115

Client Sample ID: T-1 (3)

Lab Sample ID: 890-3124-4

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:47

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			36151	10/05/22 09:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	36028	10/04/22 09:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36019	10/04/22 15:11	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	36067	10/04/22 15:07	KS	EET MID
Soluble	Analysis	300.0		1			36101	10/04/22 23:04	CH	EET MID

Client Sample ID: T-1 (4)

Lab Sample ID: 890-3124-5

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	36070	10/04/22 15:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36121	10/05/22 11:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36200	10/05/22 16:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			36151	10/05/22 09:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	36028	10/04/22 09:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36019	10/04/22 15:32	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	36067	10/04/22 15:07	KS	EET MID
Soluble	Analysis	300.0		1			36101	10/04/22 23:09	CH	EET MID

Client Sample ID: T-1 (5)

Lab Sample ID: 890-3124-6

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:47

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	36070	10/04/22 15:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36121	10/05/22 11:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36200	10/05/22 16:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			36151	10/05/22 09:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	36028	10/04/22 09:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36019	10/04/22 16:15	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	36067	10/04/22 15:07	KS	EET MID
Soluble	Analysis	300.0		1			36101	10/04/22 23:15	CH	EET MID

Client Sample ID: T-1 (6)

Lab Sample ID: 890-3124-7

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:47

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	36070	10/04/22 15:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36121	10/05/22 17:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36200	10/05/22 16:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			36151	10/05/22 09:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	36028	10/04/22 09:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36019	10/04/22 16:37	SM	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3124-1
SDG: 1115

Client Sample ID: T-1 (6)

Date Collected: 10/03/22 00:00

Date Received: 10/03/22 10:47

Lab Sample ID: 890-3124-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	36067	10/04/22 15:07	KS	EET MID
Soluble	Analysis	300.0		1			36101	10/04/22 23:21	CH	EET MID

Client Sample ID: T-2 (0-1)

Date Collected: 10/03/22 00:00

Date Received: 10/03/22 10:47

Lab Sample ID: 890-3124-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	36070	10/04/22 15:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36121	10/05/22 17:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36200	10/05/22 16:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			36151	10/05/22 09:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	36028	10/04/22 08:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36019	10/04/22 17:07	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	36067	10/04/22 15:07	KS	EET MID
Soluble	Analysis	300.0		1			36101	10/04/22 23:39	CH	EET MID

Client Sample ID: T-2 (1.5)

Date Collected: 10/03/22 00:00

Date Received: 10/03/22 10:47

Lab Sample ID: 890-3124-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	36070	10/04/22 15:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36121	10/05/22 18:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36200	10/05/22 16:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			36151	10/05/22 09:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	36028	10/04/22 08:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36019	10/04/22 17:29	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	36067	10/04/22 15:07	KS	EET MID
Soluble	Analysis	300.0		1			36101	10/04/22 23:44	CH	EET MID

Client Sample ID: T-2 (2)

Date Collected: 10/03/22 00:00

Date Received: 10/03/22 10:47

Lab Sample ID: 890-3124-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	36070	10/04/22 15:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36121	10/05/22 18:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36200	10/05/22 16:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			36151	10/05/22 09:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	36028	10/04/22 08:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36019	10/04/22 17:50	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	36067	10/04/22 15:07	KS	EET MID
Soluble	Analysis	300.0		1			36101	10/05/22 00:02	CH	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3124-1
SDG: 1115

Client Sample ID: T-2 (3)

Lab Sample ID: 890-3124-11

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:47

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	36070	10/04/22 15:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36121	10/05/22 19:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36200	10/05/22 16:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			36151	10/05/22 09:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	36028	10/04/22 08:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36019	10/04/22 18:12	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	36067	10/04/22 15:07	KS	EET MID
Soluble	Analysis	300.0		1			36101	10/05/22 00:08	CH	EET MID

Client Sample ID: T-2 (4)

Lab Sample ID: 890-3124-12

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	36070	10/04/22 15:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36121	10/05/22 19:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36200	10/05/22 16:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			36151	10/05/22 09:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	36028	10/04/22 08:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36019	10/04/22 18:33	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	36067	10/04/22 15:07	KS	EET MID
Soluble	Analysis	300.0		1			36101	10/05/22 00:14	CH	EET MID

Client Sample ID: T-2 (5)

Lab Sample ID: 890-3124-13

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:47

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	36070	10/04/22 15:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36121	10/05/22 19:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36200	10/05/22 16:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			36151	10/05/22 09:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	36028	10/04/22 08:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36019	10/04/22 18:55	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	36067	10/04/22 15:07	KS	EET MID
Soluble	Analysis	300.0		1			36101	10/05/22 00:19	CH	EET MID

Laboratory References:

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

Eurofins Carlsbad

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3124-1
SDG: 1115

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	T104704400-22-24	06-30-23

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
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-C36)
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3124-1
SDG: 1115

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	MCAWW	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

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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: High Brass #02H (08.07.22)

Job ID: 890-3124-1
SDG: 1115

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-3124-1	T-1 (0-1)	Solid	10/03/22 00:00	10/03/22 10:47	0 - 1
890-3124-2	T-1 (1.5)	Solid	10/03/22 00:00	10/03/22 10:47	1.5
890-3124-3	T-1 (2)	Solid	10/03/22 00:00	10/03/22 10:47	2
890-3124-4	T-1 (3)	Solid	10/03/22 00:00	10/03/22 10:47	3
890-3124-5	T-1 (4)	Solid	10/03/22 00:00	10/03/22 10:47	4
890-3124-6	T-1 (5)	Solid	10/03/22 00:00	10/03/22 10:47	5
890-3124-7	T-1 (6)	Solid	10/03/22 00:00	10/03/22 10:47	6
890-3124-8	T-2 (0-1)	Solid	10/03/22 00:00	10/03/22 10:47	0 - 1
890-3124-9	T-2 (1.5)	Solid	10/03/22 00:00	10/03/22 10:47	1.5
890-3124-10	T-2 (2)	Solid	10/03/22 00:00	10/03/22 10:47	2
890-3124-11	T-2 (3)	Solid	10/03/22 00:00	10/03/22 10:47	3
890-3124-12	T-2 (4)	Solid	10/03/22 00:00	10/03/22 10:47	4
890-3124-13	T-2 (5)	Solid	10/03/22 00:00	10/03/22 10:47	5

Chain of Custody

Work Order No: _____

Page 1 of 2

Project Manager:	Ashton Thielke	Bill to: (if different)	Jacquie Harris
Company Name:	Carmona Resources	Company Name:	COG
Address:	310 W Wall St Ste 415	Address:	15 W London Rd
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Loving, NM 88256
Phone:	432-813-5347	Email:	jacquie.harris@conocophillips.com

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

Project Name:	High Brass #2H (08.07.22)	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:	1115	☐ Routine ☒ Rush														None: NO	DI Water: H ₂ O		
Project Location:	Eddy Co, NM	Due Date:	48 Hr													Cool: Cool	MeOH: Me		
Sampler's Name:	AT	TAT starts the day received by the lab, if received by 4:30pm														HCL: HC	HNO ₃ : HN		
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT		Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐													H ₃ PO ₄ : HP	
Received Intact:	Yes ☒ No ☐	Thermometer ID:	N/A	Correction Factor:	-0.2													NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes ☒ No ☐	Temperature Reading:	84.4	Corrected Temperature:	84.2													Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes ☒ No ☐																	Zn Acetate+NaOH: Zn	
Total Containers:																		NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TP												Sample Comments
T-1 (0-1')	10/3/2022		X		G	1	X	X	X	X										
T-1 (1.5')	10/3/2022		X		G	1	X	X	X	X										
T-1 (2')	10/3/2022		X		G	1	X	X	X	X										
T-1 (3')	10/3/2022		X		G	1	X	X	X	X										
T-1 (4')	10/3/2022		X		G	1	X	X	X	X										
T-1 (5')	10/3/2022		X		G	1	X	X	X	X										
T-1 (6')	10/3/2022		X		G	1	X	X	X	X										
T-2 (0-1')	10/3/2022		X		G	1	X	X	X	X										
T-2 (1.5')	10/3/2022		X		G	1	X	X	X	X										
T-2 (2')	10/3/2022		X		G	1	X	X	X	X										

Relinquished by: (Signature)		Date/Time	Received by: (Signature)		Date/Time
Thielke Carmona		10/3/22 1047	Jacquie Harris		10/3/22 1045

Work Order No: _____

Page 2 of 2

Project Manager:	Ashton Thielke	Bill to: (if different)	Jacqui Harris
Company Name:	Carmona Resources	Company Name:	COG
Address:	310 W Wall St Ste 415	Address:	15 W London Rd
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Loving NM 88256
Phone:	432-813-5347	Email:	jacqui.harris@conocophillips.com

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

[illegible]

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-3124-1

SDG Number: 1115

Login Number: 3124

List Number: 1

Creator: Clifton, Cloe

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-3124-1

SDG Number: 1115

Login Number: 3124

List Number: 2

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

List Creation: 10/04/22 10:34 AM

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



Environment Testing America

ANALYTICAL REPORT

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-3123-1

Laboratory Sample Delivery Group: 1115
Client Project/Site: High Brass #02H (08.07.22)

For:

Carmona Resources
310 W Wall St
Ste 415
Midland, Texas 79701

Attn: Ashton Thielke

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:

10/6/2022 8:58:04 AM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Laboratory Job ID: 890-3123-1
SDG: 1115

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Definitions/Glossary

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3123-1
SDG: 1115

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
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.
α	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/Site: High Brass #02H (08.07.22)

Job ID: 890-3123-1
SDG: 1115

Job ID: 890-3123-1

Laboratory: Eurofins Carlsbad

Narrative

**Job Narrative
890-3123-1**

Receipt

The samples were received on 10/3/2022 10:48 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 24.2°C

Receipt Exceptions

The following samples analyzed for method <FRACTION_METHOD> were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5) (890-3123-1), H-2 (0-0.5) (890-3123-2), H-3 (0-0.5) (890-3123-3) and H-4 (0-0.5) (890-3123-4).
the following samples were received and analyzed from unpreserved solids

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-36064 and analytical batch 880-36055 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.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (LCS 880-36064/1-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: H-1 (0-0.5) (890-3123-1), H-2 (0-0.5) (890-3123-2), H-3 (0-0.5) (890-3123-3), (CCV 880-36055/51) and (880-19906-A-1-J). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: H-4 (0-0.5) (890-3123-4). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-36000 and analytical batch 880-36021 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: H-4 (0-0.5) (890-3123-4). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-36067 and analytical batch 880-36101 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.

Client Sample Results

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3123-1
SDG: 1115

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

Lab Sample ID: 890-3123-1

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:48

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 14:05	10/05/22 13:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 14:05	10/05/22 13:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/22 14:05	10/05/22 13:25	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/04/22 14:05	10/05/22 13:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 14:05	10/05/22 13:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/04/22 14:05	10/05/22 13:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	155	S1+	70 - 130	10/04/22 14:05	10/05/22 13:25	1
1,4-Difluorobenzene (Surr)	96		70 - 130	10/04/22 14:05	10/05/22 13:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/05/22 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/05/22 09:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/04/22 09:00	10/04/22 14:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/04/22 09:00	10/04/22 14:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/04/22 09:00	10/04/22 14:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	10/04/22 09:00	10/04/22 14:49	1
o-Terphenyl	104		70 - 130	10/04/22 09:00	10/04/22 14:49	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	208	F1	5.00		mg/Kg			10/04/22 21:59	1

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

Lab Sample ID: 890-3123-2

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:48

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00260		0.00199		mg/Kg		10/04/22 14:05	10/05/22 13:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/04/22 14:05	10/05/22 13:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/04/22 14:05	10/05/22 13:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/04/22 14:05	10/05/22 13:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/04/22 14:05	10/05/22 13:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/04/22 14:05	10/05/22 13:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	149	S1+	70 - 130	10/04/22 14:05	10/05/22 13:51	1
1,4-Difluorobenzene (Surr)	86		70 - 130	10/04/22 14:05	10/05/22 13:51	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3123-1
SDG: 1115

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

Lab Sample ID: 890-3123-2

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:48

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/05/22 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	641		49.9		mg/Kg			10/05/22 09:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/04/22 09:00	10/04/22 14:27	1
Diesel Range Organics (Over C10-C28)	641		49.9		mg/Kg		10/04/22 09:00	10/04/22 14:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/04/22 09:00	10/04/22 14:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				10/04/22 09:00	10/04/22 14:27	1
o-Terphenyl	97		70 - 130				10/04/22 09:00	10/04/22 14:27	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.5		4.97		mg/Kg			10/04/22 22:17	1

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

Lab Sample ID: 890-3123-3

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:48

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 14:05	10/05/22 14:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 14:05	10/05/22 14:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/22 14:05	10/05/22 14:17	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/04/22 14:05	10/05/22 14:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 14:05	10/05/22 14:17	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/04/22 14:05	10/05/22 14:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130				10/04/22 14:05	10/05/22 14:17	1
1,4-Difluorobenzene (Surr)	85		70 - 130				10/04/22 14:05	10/05/22 14:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/05/22 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/05/22 09:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/04/22 09:00	10/04/22 15:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/04/22 09:00	10/04/22 15:11	1

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Client Sample Results

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3123-1
SDG: 1115

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

Lab Sample ID: 890-3123-3

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:48

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/04/22 09:00	10/04/22 15:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				10/04/22 09:00	10/04/22 15:11	1
o-Terphenyl	99		70 - 130				10/04/22 09:00	10/04/22 15:11	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.4		4.95		mg/Kg			10/04/22 22:23	1

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

Lab Sample ID: 890-3123-4

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:48

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 14:05	10/05/22 14:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 14:05	10/05/22 14:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/22 14:05	10/05/22 14:43	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/04/22 14:05	10/05/22 14:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 14:05	10/05/22 14:43	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/04/22 14:05	10/05/22 14:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				10/04/22 14:05	10/05/22 14:43	1
1,4-Difluorobenzene (Surr)	85		70 - 130				10/04/22 14:05	10/05/22 14:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/05/22 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	117		49.9		mg/Kg			10/05/22 09:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/04/22 09:00	10/04/22 15:32	1
Diesel Range Organics (Over C10-C28)	117		49.9		mg/Kg		10/04/22 09:00	10/04/22 15:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/04/22 09:00	10/04/22 15:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130				10/04/22 09:00	10/04/22 15:32	1
o-Terphenyl	121		70 - 130				10/04/22 09:00	10/04/22 15:32	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.1		4.95		mg/Kg			10/04/22 22:28	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3123-1
SDG: 1115

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-19906-A-1-H MS	Matrix Spike	123	84
880-19906-A-1-I MSD	Matrix Spike Duplicate	138 S1+	93
890-3123-1	H-1 (0-0.5)	155 S1+	96
890-3123-2	H-2 (0-0.5)	149 S1+	86
890-3123-3	H-3 (0-0.5)	138 S1+	85
890-3123-4	H-4 (0-0.5)	131 S1+	85
LCS 880-36064/1-A	Lab Control Sample	138 S1+	92
LCSD 880-36064/2-A	Lab Control Sample Dup	126	88
MB 880-36062/5-A	Method Blank	86	88
MB 880-36064/5-A	Method Blank	90	87

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-3113-A-41-B MS	Matrix Spike	82	76
890-3113-A-41-C MSD	Matrix Spike Duplicate	83	75
890-3123-1	H-1 (0-0.5)	108	104
890-3123-2	H-2 (0-0.5)	109	97
890-3123-3	H-3 (0-0.5)	106	99
890-3123-4	H-4 (0-0.5)	132 S1+	121
LCS 880-36000/2-A	Lab Control Sample	98	102
LCSD 880-36000/3-A	Lab Control Sample Dup	113	101
MB 880-36000/1-A	Method Blank	147 S1+	143 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3123-1
SDG: 1115

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-36062/5-A

Matrix: Solid

Analysis Batch: 36055

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 36062

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 13:56	10/04/22 16:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 13:56	10/04/22 16:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/22 13:56	10/04/22 16:01	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/04/22 13:56	10/04/22 16:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 13:56	10/04/22 16:01	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/04/22 13:56	10/04/22 16:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	10/04/22 13:56	10/04/22 16:01	1
1,4-Difluorobenzene (Surr)	88		70 - 130	10/04/22 13:56	10/04/22 16:01	1

Lab Sample ID: MB 880-36064/5-A

Matrix: Solid

Analysis Batch: 36055

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 36064

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/04/22 14:05	10/05/22 05:34	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/04/22 14:05	10/05/22 05:34	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/04/22 14:05	10/05/22 05:34	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/04/22 14:05	10/05/22 05:34	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/04/22 14:05	10/05/22 05:34	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/04/22 14:05	10/05/22 05:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	10/04/22 14:05	10/05/22 05:34	1
1,4-Difluorobenzene (Surr)	87		70 - 130	10/04/22 14:05	10/05/22 05:34	1

Lab Sample ID: LCS 880-36064/1-A

Matrix: Solid

Analysis Batch: 36055

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 36064

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1245		mg/Kg		124	70 - 130
Toluene	0.100	0.1265		mg/Kg		127	70 - 130
Ethylbenzene	0.100	0.1250		mg/Kg		125	70 - 130
m-Xylene & p-Xylene	0.200	0.2468		mg/Kg		123	70 - 130
o-Xylene	0.100	0.1263		mg/Kg		126	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: LCSD 880-36064/2-A

Matrix: Solid

Analysis Batch: 36055

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 36064

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1120		mg/Kg		112	70 - 130	11	35

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QC Sample Results

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3123-1
SDG: 1115

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

Lab Sample ID: LCSD 880-36064/2-A

Matrix: Solid

Analysis Batch: 36055

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 36064

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.1157		mg/Kg		116	70 - 130	9	35
Ethylbenzene	0.100	0.1135		mg/Kg		113	70 - 130	10	35
m-Xylene & p-Xylene	0.200	0.2249		mg/Kg		112	70 - 130	9	35
o-Xylene	0.100	0.1152		mg/Kg		115	70 - 130	9	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	126		70 - 130
1,4-Difluorobenzene (Surr)	88		70 - 130

Lab Sample ID: 880-19906-A-1-H MS

Matrix: Solid

Analysis Batch: 36055

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 36064

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U F1 F2	0.0998	0.05194	F1	mg/Kg		52	70 - 130
Toluene	<0.00198	U F1 F2	0.0998	0.05708	F1	mg/Kg		57	70 - 130
Ethylbenzene	<0.00198	U F1 F2	0.0998	0.06234	F1	mg/Kg		62	70 - 130
m-Xylene & p-Xylene	<0.00396	U F1 F2	0.200	0.1207	F1	mg/Kg		60	70 - 130
o-Xylene	<0.00198	U F1 F2	0.0998	0.06651	F1	mg/Kg		67	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	123		70 - 130
1,4-Difluorobenzene (Surr)	84		70 - 130

Lab Sample ID: 880-19906-A-1-I MSD

Matrix: Solid

Analysis Batch: 36055

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 36064

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U F1 F2	0.0996	0.03010	F1 F2	mg/Kg		30	70 - 130	53	35
Toluene	<0.00198	U F1 F2	0.0996	0.02769	F1 F2	mg/Kg		28	70 - 130	69	35
Ethylbenzene	<0.00198	U F1 F2	0.0996	0.03610	F1 F2	mg/Kg		36	70 - 130	53	35
m-Xylene & p-Xylene	<0.00396	U F1 F2	0.199	0.07392	F1 F2	mg/Kg		37	70 - 130	48	35
o-Xylene	<0.00198	U F1 F2	0.0996	0.04177	F1 F2	mg/Kg		42	70 - 130	46	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

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

Lab Sample ID: MB 880-36000/1-A

Matrix: Solid

Analysis Batch: 36021

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 36000

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/03/22 14:25	10/04/22 10:16	1

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QC Sample Results

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3123-1
SDG: 1115

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

Lab Sample ID: MB 880-36000/1-A

Matrix: Solid

Analysis Batch: 36021

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 36000

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/03/22 14:25	10/04/22 10:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/03/22 14:25	10/04/22 10:16	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	147	S1+	70 - 130				10/03/22 14:25	10/04/22 10:16	1
o-Terphenyl	143	S1+	70 - 130				10/03/22 14:25	10/04/22 10:16	1

Lab Sample ID: LCS 880-36000/2-A

Matrix: Solid

Analysis Batch: 36021

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 36000

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	825.3		mg/Kg		83	70 - 130
Diesel Range Organics (Over C10-C28)	1000	980.5		mg/Kg		98	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	98		70 - 130				
o-Terphenyl	102		70 - 130				

Lab Sample ID: LCSD 880-36000/3-A

Matrix: Solid

Analysis Batch: 36021

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 36000

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	825.4		mg/Kg		83	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	976.9		mg/Kg		98	70 - 130	0	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	113		70 - 130						
o-Terphenyl	101		70 - 130						

Lab Sample ID: 890-3113-A-41-B MS

Matrix: Solid

Analysis Batch: 36021

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 36000

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	798.8		mg/Kg		80	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	998	945.0		mg/Kg		92	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	82		70 - 130						
o-Terphenyl	76		70 - 130						

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QC Sample Results

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3123-1
SDG: 1115

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

Lab Sample ID: 890-3113-A-41-C MSD

Matrix: Solid

Analysis Batch: 36021

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 36000

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	827.4		mg/Kg		83	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	952.9		mg/Kg		93	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	83		70 - 130								
o-Terphenyl	75		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-36067/1-A

Matrix: Solid

Analysis Batch: 36101

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			10/04/22 21:42	1

Lab Sample ID: LCS 880-36067/2-A

Matrix: Solid

Analysis Batch: 36101

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	250.7		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-36067/3-A

Matrix: Solid

Analysis Batch: 36101

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	240.2		mg/Kg		96	90 - 110	4	20

Lab Sample ID: 890-3123-1 MS

Matrix: Solid

Analysis Batch: 36101

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	208	F1	250	396.4	F1	mg/Kg		75	90 - 110

Lab Sample ID: 890-3123-1 MSD

Matrix: Solid

Analysis Batch: 36101

Client Sample ID: H-1 (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	208	F1	250	419.4	F1	mg/Kg		84	90 - 110	6	20

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QC Association Summary

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3123-1
SDG: 1115

GC VOA

Analysis Batch: 36055

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3123-1	H-1 (0-0.5)	Total/NA	Solid	8021B	36064
890-3123-2	H-2 (0-0.5)	Total/NA	Solid	8021B	36064
890-3123-3	H-3 (0-0.5)	Total/NA	Solid	8021B	36064
890-3123-4	H-4 (0-0.5)	Total/NA	Solid	8021B	36064
MB 880-36062/5-A	Method Blank	Total/NA	Solid	8021B	36062
MB 880-36064/5-A	Method Blank	Total/NA	Solid	8021B	36064
LCS 880-36064/1-A	Lab Control Sample	Total/NA	Solid	8021B	36064
LCSD 880-36064/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	36064
880-19906-A-1-H MS	Matrix Spike	Total/NA	Solid	8021B	36064
880-19906-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	36064

Prep Batch: 36062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-36062/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 36064

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3123-1	H-1 (0-0.5)	Total/NA	Solid	5035	
890-3123-2	H-2 (0-0.5)	Total/NA	Solid	5035	
890-3123-3	H-3 (0-0.5)	Total/NA	Solid	5035	
890-3123-4	H-4 (0-0.5)	Total/NA	Solid	5035	
MB 880-36064/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-36064/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-36064/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-19906-A-1-H MS	Matrix Spike	Total/NA	Solid	5035	
880-19906-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 36188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3123-1	H-1 (0-0.5)	Total/NA	Solid	Total BTEX	
890-3123-2	H-2 (0-0.5)	Total/NA	Solid	Total BTEX	
890-3123-3	H-3 (0-0.5)	Total/NA	Solid	Total BTEX	
890-3123-4	H-4 (0-0.5)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 36000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3123-1	H-1 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-3123-2	H-2 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-3123-3	H-3 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-3123-4	H-4 (0-0.5)	Total/NA	Solid	8015NM Prep	
MB 880-36000/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-36000/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-36000/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3113-A-41-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-3113-A-41-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 36021

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3123-1	H-1 (0-0.5)	Total/NA	Solid	8015B NM	36000

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3123-1
SDG: 1115

GC Semi VOA (Continued)

Analysis Batch: 36021 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3123-2	H-2 (0-0.5)	Total/NA	Solid	8015B NM	36000
890-3123-3	H-3 (0-0.5)	Total/NA	Solid	8015B NM	36000
890-3123-4	H-4 (0-0.5)	Total/NA	Solid	8015B NM	36000
MB 880-36000/1-A	Method Blank	Total/NA	Solid	8015B NM	36000
LCS 880-36000/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	36000
LCSD 880-36000/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	36000
890-3113-A-41-B MS	Matrix Spike	Total/NA	Solid	8015B NM	36000
890-3113-A-41-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	36000

Analysis Batch: 36149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3123-1	H-1 (0-0.5)	Total/NA	Solid	8015 NM	
890-3123-2	H-2 (0-0.5)	Total/NA	Solid	8015 NM	
890-3123-3	H-3 (0-0.5)	Total/NA	Solid	8015 NM	
890-3123-4	H-4 (0-0.5)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 36067

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3123-1	H-1 (0-0.5)	Soluble	Solid	DI Leach	
890-3123-2	H-2 (0-0.5)	Soluble	Solid	DI Leach	
890-3123-3	H-3 (0-0.5)	Soluble	Solid	DI Leach	
890-3123-4	H-4 (0-0.5)	Soluble	Solid	DI Leach	
MB 880-36067/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-36067/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-36067/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3123-1 MS	H-1 (0-0.5)	Soluble	Solid	DI Leach	
890-3123-1 MSD	H-1 (0-0.5)	Soluble	Solid	DI Leach	

Analysis Batch: 36101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3123-1	H-1 (0-0.5)	Soluble	Solid	300.0	36067
890-3123-2	H-2 (0-0.5)	Soluble	Solid	300.0	36067
890-3123-3	H-3 (0-0.5)	Soluble	Solid	300.0	36067
890-3123-4	H-4 (0-0.5)	Soluble	Solid	300.0	36067
MB 880-36067/1-A	Method Blank	Soluble	Solid	300.0	36067
LCS 880-36067/2-A	Lab Control Sample	Soluble	Solid	300.0	36067
LCSD 880-36067/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	36067
890-3123-1 MS	H-1 (0-0.5)	Soluble	Solid	300.0	36067
890-3123-1 MSD	H-1 (0-0.5)	Soluble	Solid	300.0	36067

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3123-1
SDG: 1115

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

Lab Sample ID: 890-3123-1

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:48

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	36064	10/04/22 14:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36055	10/05/22 13:25	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36188	10/05/22 15:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36149	10/05/22 09:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	36000	10/04/22 09:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36021	10/04/22 14:49	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	36067	10/04/22 15:07	KS	EET MID
Soluble	Analysis	300.0		1			36101	10/04/22 21:59	CH	EET MID

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

Lab Sample ID: 890-3123-2

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	36064	10/04/22 14:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36055	10/05/22 13:51	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36188	10/05/22 15:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36149	10/05/22 09:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	36000	10/04/22 09:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36021	10/04/22 14:27	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	36067	10/04/22 15:07	KS	EET MID
Soluble	Analysis	300.0		1			36101	10/04/22 22:17	CH	EET MID

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

Lab Sample ID: 890-3123-3

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	36064	10/04/22 14:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36055	10/05/22 14:17	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36188	10/05/22 15:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36149	10/05/22 09:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	36000	10/04/22 09:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36021	10/04/22 15:11	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	36067	10/04/22 15:07	KS	EET MID
Soluble	Analysis	300.0		1			36101	10/04/22 22:23	CH	EET MID

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

Lab Sample ID: 890-3123-4

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:48

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	36064	10/04/22 14:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36055	10/05/22 14:43	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36188	10/05/22 15:15	AJ	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3123-1
SDG: 1115

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

Lab Sample ID: 890-3123-4

Date Collected: 10/03/22 00:00

Matrix: Solid

Date Received: 10/03/22 10:48

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			36149	10/05/22 09:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	36000	10/04/22 09:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36021	10/04/22 15:32	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	36067	10/04/22 15:07	KS	EET MID
Soluble	Analysis	300.0		1			36101	10/04/22 22:28	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3123-1
SDG: 1115

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	T104704400-22-24	06-30-23

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
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-C36)
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: High Brass #02H (08.07.22)

Job ID: 890-3123-1
SDG: 1115

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	MCAWW	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

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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: High Brass #02H (08.07.22)

Job ID: 890-3123-1
SDG: 1115

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-3123-1	H-1 (0-0.5)	Solid	10/03/22 00:00	10/03/22 10:48
890-3123-2	H-2 (0-0.5)	Solid	10/03/22 00:00	10/03/22 10:48
890-3123-3	H-3 (0-0.5)	Solid	10/03/22 00:00	10/03/22 10:48
890-3123-4	H-4 (0-0.5)	Solid	10/03/22 00:00	10/03/22 10:48

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Chain of Custody

Work Order No: _____

Page 1 of 1

Project Manager: Ashton Thielke		Bill to: (if different)		Jacqui Harris	
Company Name: Carmona Resources		Company Name:		COG	
Address: 310 W Wall St Ste 415		Address:		15 W London Rd	
City, State ZIP: Midland, TX 79701		City, State ZIP:		Loving, NM 88256	
Phone: 432-813-5347		Email: jacqui.harris@conocophillips.com			

Project Name: High Brass #2H (08.07.22)		Turn Around		Pres. Code	
Project Number: 1115		☐ Routine ☒ Rush			
Project Location: Eddy Co, NM		Due Date: 48 Hr			
Sampler's Name: AT		TAT starts the day received by the lab, if received by 4:30pm			
PO #:					

SAMPLE RECEIPT		Temp Blank: Yes (No) No		Wet Ice: Yes (No) No	
Received Intact: Yes (Yes) No		Thermometer ID: T1111111		Yes (No) No	
Cooler Custody Seals: Yes No N/A		Correction Factor: 0.0		Yes (No) No	
Sample Custody Seals: Yes No N/A		Temperature Reading: 24.4		Yes (No) No	
Total Containers:		Corrected Temperature: 24.2			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
H-1 (0-0.5)	10/3/2022		X		G	1	BTEX 8021B		None: NO	DI Water: H ₂ O
H-2 (0-0.5)	10/3/2022		X		G	1	TPH 8015M (GRO + DRO + MRO)		Cool: Cool	MeOH: Me
H-3 (0-0.5)	10/3/2022		X		G	1	Chloride 300.0		HCL: HC	HNO ₃ : HN
H-4 (0-0.5)	10/3/2022		X		G	1			H ₂ SO ₄ : H ₂	NaOH: Na

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting Level I ☐ Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDO ☐ ADAPT ☐ Other: _____	

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
Mike Carmona		10.03.22 1048		Jacqui Harris		10.3.22 1048	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-3123-1

SDG Number: 1115

Login Number: 3123

List Number: 1

Creator: Clifton, Cloe

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-3123-1

SDG Number: 1115

Login Number: 3123

List Number: 2

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

List Creation: 10/04/22 10:34 AM

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



Environment Testing

ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-20699-1

Laboratory Sample Delivery Group: Eddy County, New Mexico
Client Project/Site: High Brass #2H (08.07.22)
Revision: 1

For:

Carmona Resources
310 W Wall St
Ste 415
Midland, Texas 79701

Attn: Conner Moehring

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:
10/27/2022 8:13:19 PM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

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results through



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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Laboratory Job ID: 880-20699-1
SDG: Eddy County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
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
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD 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

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

Job ID: 880-20699-1

Laboratory: Eurofins Midland

Narrative

**Job Narrative
880-20699-1**

REVISION

The report being provided is a revision of the original report sent on 10/26/2022. The report (revision 1) is being revised due to Per client email, requesting rush re run on chloride.

Report revision history

Receipt

The samples were received on 10/25/2022 9:36 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.1°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SW-1 (4.5'-5') (880-20699-1), SW-2 (4.5'-5') (880-20699-2), SW-3 (4.5'-5') (880-20699-3), SW-4 (4.5'-5') (880-20699-4), SW-5 (4.5'-5') (880-20699-5), SW-6 (4.5'-5') (880-20699-6), CS-1 (4.5'-5') (880-20699-7), CS-2 (4.5'-5') (880-20699-8), CS-3 (4.5'-5') (880-20699-9), CS-4 (4.5'-5') (880-20699-10), CS-5 (4.5'-5') (880-20699-11), CS-6 (4.5'-5') (880-20699-12), CS-7 (4.5'-5') (880-20699-13), CS-8 (4.5'-5') (880-20699-14), CS-9 (4.5'-5') (880-20699-15), CS-10 (4.5'-5') (880-20699-16), CS-11 (4.5'-5') (880-20699-17), CS-12 (4.5'-5') (880-20699-18), CS-13 (4.5'-5') (880-20699-19), CS-14 (4.5'-5') (880-20699-20), CS-15 (4.5'-5') (880-20699-21) and CS-16 (4.5'-5') (880-20699-22).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-37819 and analytical batch 880-37768 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.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-37517 and analytical batch 880-37728 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.

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (880-20699-A-1-F MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-37800 and analytical batch 880-37760 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (880-20658-A-26-I MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC

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

Client Sample Results

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-1 (4.5'-5')

Lab Sample ID: 880-20699-1

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F2 F1	0.00200		mg/Kg		10/25/22 13:24	10/25/22 22:50	1
Toluene	<0.00200	U F2 F1	0.00200		mg/Kg		10/25/22 13:24	10/25/22 22:50	1
Ethylbenzene	<0.00200	U F2 F1	0.00200		mg/Kg		10/25/22 13:24	10/25/22 22:50	1
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.00399		mg/Kg		10/25/22 13:24	10/25/22 22:50	1
o-Xylene	<0.00200	U F2 F1	0.00200		mg/Kg		10/25/22 13:24	10/25/22 22:50	1
Xylenes, Total	<0.00399	U F2 F1	0.00399		mg/Kg		10/25/22 13:24	10/25/22 22:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	10/25/22 13:24	10/25/22 22:50	1
1,4-Difluorobenzene (Surr)	92		70 - 130	10/25/22 13:24	10/25/22 22:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/26/22 09:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/26/22 11:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/25/22 10:56	10/25/22 21:15	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		10/25/22 10:56	10/25/22 21:15	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/25/22 10:56	10/25/22 21:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130	10/25/22 10:56	10/25/22 21:15	1
o-Terphenyl	88		70 - 130	10/25/22 10:56	10/25/22 21:15	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.8		5.01		mg/Kg			10/25/22 19:06	1

Client Sample ID: SW-2 (4.5'-5')

Lab Sample ID: 880-20699-2

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/25/22 13:24	10/25/22 23:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/25/22 13:24	10/25/22 23:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/25/22 13:24	10/25/22 23:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/25/22 13:24	10/25/22 23:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/25/22 13:24	10/25/22 23:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/25/22 13:24	10/25/22 23:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	10/25/22 13:24	10/25/22 23:11	1
1,4-Difluorobenzene (Surr)	84		70 - 130	10/25/22 13:24	10/25/22 23:11	1

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Client Sample Results

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-2 (4.5'-5')

Lab Sample ID: 880-20699-2

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/26/22 09:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/26/22 11:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/25/22 10:56	10/25/22 22:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		10/25/22 10:56	10/25/22 22:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/25/22 10:56	10/25/22 22:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				10/25/22 10:56	10/25/22 22:20	1
o-Terphenyl	102		70 - 130				10/25/22 10:56	10/25/22 22:20	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.4		4.98		mg/Kg			10/25/22 19:20	1

Client Sample ID: SW-3 (4.5'-5')

Lab Sample ID: 880-20699-3

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/25/22 13:24	10/25/22 23:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/25/22 13:24	10/25/22 23:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/25/22 13:24	10/25/22 23:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/25/22 13:24	10/25/22 23:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/25/22 13:24	10/25/22 23:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/25/22 13:24	10/25/22 23:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				10/25/22 13:24	10/25/22 23:31	1
1,4-Difluorobenzene (Surr)	82		70 - 130				10/25/22 13:24	10/25/22 23:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/26/22 09:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/26/22 11:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/25/22 10:56	10/25/22 22:41	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		10/25/22 10:56	10/25/22 22:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-3 (4.5'-5')

Lab Sample ID: 880-20699-3

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/25/22 10:56	10/25/22 22:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				10/25/22 10:56	10/25/22 22:41	1
o-Terphenyl	94		70 - 130				10/25/22 10:56	10/25/22 22:41	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.5		4.99		mg/Kg			10/25/22 19:25	1

Client Sample ID: SW-4 (4.5'-5')

Lab Sample ID: 880-20699-4

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/25/22 13:24	10/25/22 23:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/22 13:24	10/25/22 23:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/22 13:24	10/25/22 23:52	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/25/22 13:24	10/25/22 23:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/22 13:24	10/25/22 23:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/25/22 13:24	10/25/22 23:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				10/25/22 13:24	10/25/22 23:52	1
1,4-Difluorobenzene (Surr)	87		70 - 130				10/25/22 13:24	10/25/22 23:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/26/22 09:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/26/22 11:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/25/22 10:56	10/25/22 23:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		10/25/22 10:56	10/25/22 23:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/25/22 10:56	10/25/22 23:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				10/25/22 10:56	10/25/22 23:04	1
o-Terphenyl	106		70 - 130				10/25/22 10:56	10/25/22 23:04	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.8		5.02		mg/Kg			10/25/22 19:30	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-5 (4.5'-5')

Lab Sample ID: 880-20699-5

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/25/22 13:24	10/26/22 00:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/22 13:24	10/26/22 00:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/22 13:24	10/26/22 00:12	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/25/22 13:24	10/26/22 00:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/22 13:24	10/26/22 00:12	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/25/22 13:24	10/26/22 00:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	10/25/22 13:24	10/26/22 00:12	1
1,4-Difluorobenzene (Surr)	84		70 - 130	10/25/22 13:24	10/26/22 00:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/26/22 09:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/26/22 11:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/25/22 10:56	10/25/22 23:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		10/25/22 10:56	10/25/22 23:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/25/22 10:56	10/25/22 23:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	10/25/22 10:56	10/25/22 23:25	1
o-Terphenyl	102		70 - 130	10/25/22 10:56	10/25/22 23:25	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.8		5.02		mg/Kg			10/25/22 19:35	1

Client Sample ID: SW-6 (4.5'-5')

Lab Sample ID: 880-20699-6

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/25/22 13:24	10/26/22 00:33	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/25/22 13:24	10/26/22 00:33	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/25/22 13:24	10/26/22 00:33	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/25/22 13:24	10/26/22 00:33	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/25/22 13:24	10/26/22 00:33	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/25/22 13:24	10/26/22 00:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	10/25/22 13:24	10/26/22 00:33	1
1,4-Difluorobenzene (Surr)	73		70 - 130	10/25/22 13:24	10/26/22 00:33	1

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Client Sample Results

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-6 (4.5'-5')

Lab Sample ID: 880-20699-6

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/26/22 09:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/26/22 11:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/25/22 10:56	10/25/22 23:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		10/25/22 10:56	10/25/22 23:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/25/22 10:56	10/25/22 23:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				10/25/22 10:56	10/25/22 23:47	1
o-Terphenyl	111		70 - 130				10/25/22 10:56	10/25/22 23:47	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.1		5.04		mg/Kg			10/25/22 19:49	1

Client Sample ID: CS-1 (4.5'-5')

Lab Sample ID: 880-20699-7

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/25/22 13:24	10/26/22 00:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/22 13:24	10/26/22 00:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/22 13:24	10/26/22 00:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/25/22 13:24	10/26/22 00:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/22 13:24	10/26/22 00:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/25/22 13:24	10/26/22 00:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				10/25/22 13:24	10/26/22 00:53	1
1,4-Difluorobenzene (Surr)	76		70 - 130				10/25/22 13:24	10/26/22 00:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/26/22 09:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/26/22 11:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/25/22 10:56	10/26/22 00:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		10/25/22 10:56	10/26/22 00:09	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-1 (4.5'-5')

Lab Sample ID: 880-20699-7

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/25/22 10:56	10/26/22 00:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				10/25/22 10:56	10/26/22 00:09	1
o-Terphenyl	95		70 - 130				10/25/22 10:56	10/26/22 00:09	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.0		4.98		mg/Kg			10/25/22 19:54	1

Client Sample ID: CS-2 (4.5'-5')

Lab Sample ID: 880-20699-8

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/25/22 13:24	10/26/22 01:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/25/22 13:24	10/26/22 01:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/25/22 13:24	10/26/22 01:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/25/22 13:24	10/26/22 01:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/25/22 13:24	10/26/22 01:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/25/22 13:24	10/26/22 01:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				10/25/22 13:24	10/26/22 01:14	1
1,4-Difluorobenzene (Surr)	93		70 - 130				10/25/22 13:24	10/26/22 01:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/26/22 09:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/26/22 11:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/25/22 10:56	10/26/22 00:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		10/25/22 10:56	10/26/22 00:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/25/22 10:56	10/26/22 00:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				10/25/22 10:56	10/26/22 00:31	1
o-Terphenyl	98		70 - 130				10/25/22 10:56	10/26/22 00:31	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.1		4.95		mg/Kg			10/25/22 19:59	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-3 (4.5'-5')

Lab Sample ID: 880-20699-9

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/25/22 13:24	10/26/22 01:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/22 13:24	10/26/22 01:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/22 13:24	10/26/22 01:34	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/25/22 13:24	10/26/22 01:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/22 13:24	10/26/22 01:34	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/25/22 13:24	10/26/22 01:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	10/25/22 13:24	10/26/22 01:34	1
1,4-Difluorobenzene (Surr)	86		70 - 130	10/25/22 13:24	10/26/22 01:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/26/22 09:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/26/22 11:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/25/22 10:56	10/26/22 00:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		10/25/22 10:56	10/26/22 00:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/25/22 10:56	10/26/22 00:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	10/25/22 10:56	10/26/22 00:52	1
o-Terphenyl	96		70 - 130	10/25/22 10:56	10/26/22 00:52	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.4		5.01		mg/Kg			10/25/22 20:04	1

Client Sample ID: CS-4 (4.5'-5')

Lab Sample ID: 880-20699-10

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/25/22 13:24	10/26/22 01:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/25/22 13:24	10/26/22 01:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/25/22 13:24	10/26/22 01:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/25/22 13:24	10/26/22 01:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/25/22 13:24	10/26/22 01:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/25/22 13:24	10/26/22 01:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	10/25/22 13:24	10/26/22 01:55	1
1,4-Difluorobenzene (Surr)	72		70 - 130	10/25/22 13:24	10/26/22 01:55	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-4 (4.5'-5')

Lab Sample ID: 880-20699-10

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/26/22 09:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/26/22 11:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/25/22 10:56	10/26/22 01:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		10/25/22 10:56	10/26/22 01:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/25/22 10:56	10/26/22 01:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				10/25/22 10:56	10/26/22 01:14	1
o-Terphenyl	115		70 - 130				10/25/22 10:56	10/26/22 01:14	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.4		5.02		mg/Kg			10/25/22 20:09	1

Client Sample ID: CS-5 (4.5'-5')

Lab Sample ID: 880-20699-11

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/25/22 13:24	10/26/22 03:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/22 13:24	10/26/22 03:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/22 13:24	10/26/22 03:17	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/25/22 13:24	10/26/22 03:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/22 13:24	10/26/22 03:17	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/25/22 13:24	10/26/22 03:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				10/25/22 13:24	10/26/22 03:17	1
1,4-Difluorobenzene (Surr)	77		70 - 130				10/25/22 13:24	10/26/22 03:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/26/22 09:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/26/22 11:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/25/22 10:56	10/26/22 01:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		10/25/22 10:56	10/26/22 01:58	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-5 (4.5'-5')

Lab Sample ID: 880-20699-11

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/25/22 10:56	10/26/22 01:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				10/25/22 10:56	10/26/22 01:58	1
o-Terphenyl	114		70 - 130				10/25/22 10:56	10/26/22 01:58	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.5		4.98		mg/Kg			10/25/22 20:14	1

Client Sample ID: CS-6 (4.5'-5')

Lab Sample ID: 880-20699-12

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/25/22 13:24	10/26/22 03:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/25/22 13:24	10/26/22 03:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/25/22 13:24	10/26/22 03:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/25/22 13:24	10/26/22 03:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/25/22 13:24	10/26/22 03:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/25/22 13:24	10/26/22 03:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				10/25/22 13:24	10/26/22 03:38	1
1,4-Difluorobenzene (Surr)	74		70 - 130				10/25/22 13:24	10/26/22 03:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/26/22 09:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/26/22 11:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/25/22 10:56	10/26/22 02:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		10/25/22 10:56	10/26/22 02:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/25/22 10:56	10/26/22 02:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				10/25/22 10:56	10/26/22 02:19	1
o-Terphenyl	104		70 - 130				10/25/22 10:56	10/26/22 02:19	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.2		5.03		mg/Kg			10/25/22 20:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-7 (4.5'-5')

Lab Sample ID: 880-20699-13

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/25/22 13:24	10/26/22 03:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/22 13:24	10/26/22 03:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/22 13:24	10/26/22 03:58	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/25/22 13:24	10/26/22 03:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/22 13:24	10/26/22 03:58	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/25/22 13:24	10/26/22 03:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	10/25/22 13:24	10/26/22 03:58	1
1,4-Difluorobenzene (Surr)	97		70 - 130	10/25/22 13:24	10/26/22 03:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/26/22 09:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/26/22 11:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/25/22 10:56	10/26/22 02:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		10/25/22 10:56	10/26/22 02:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/25/22 10:56	10/26/22 02:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130	10/25/22 10:56	10/26/22 02:41	1
o-Terphenyl	85		70 - 130	10/25/22 10:56	10/26/22 02:41	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.7		5.01		mg/Kg			10/25/22 20:33	1

Client Sample ID: CS-8 (4.5'-5')

Lab Sample ID: 880-20699-14

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/25/22 13:24	10/26/22 04:19	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/25/22 13:24	10/26/22 04:19	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/25/22 13:24	10/26/22 04:19	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/25/22 13:24	10/26/22 04:19	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/25/22 13:24	10/26/22 04:19	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/25/22 13:24	10/26/22 04:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	10/25/22 13:24	10/26/22 04:19	1
1,4-Difluorobenzene (Surr)	95		70 - 130	10/25/22 13:24	10/26/22 04:19	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-8 (4.5'-5')

Lab Sample ID: 880-20699-14

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/26/22 09:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/26/22 11:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/25/22 10:56	10/26/22 03:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		10/25/22 10:56	10/26/22 03:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/25/22 10:56	10/26/22 03:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				10/25/22 10:56	10/26/22 03:03	1
o-Terphenyl	111		70 - 130				10/25/22 10:56	10/26/22 03:03	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.1		4.99		mg/Kg			10/25/22 20:48	1

Client Sample ID: CS-9 (4.5'-5')

Lab Sample ID: 880-20699-15

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/25/22 13:24	10/26/22 04:39	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/25/22 13:24	10/26/22 04:39	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/25/22 13:24	10/26/22 04:39	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		10/25/22 13:24	10/26/22 04:39	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/25/22 13:24	10/26/22 04:39	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/25/22 13:24	10/26/22 04:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130				10/25/22 13:24	10/26/22 04:39	1
1,4-Difluorobenzene (Surr)	88		70 - 130				10/25/22 13:24	10/26/22 04:39	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			10/26/22 09:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/26/22 11:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/25/22 10:56	10/26/22 03:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		10/25/22 10:56	10/26/22 03:25	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-9 (4.5'-5')

Lab Sample ID: 880-20699-15

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/25/22 10:56	10/26/22 03:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				10/25/22 10:56	10/26/22 03:25	1
o-Terphenyl	98		70 - 130				10/25/22 10:56	10/26/22 03:25	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.2		4.99		mg/Kg			10/25/22 20:53	1

Client Sample ID: CS-10 (4.5'-5')

Lab Sample ID: 880-20699-16

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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		10/25/22 13:24	10/26/22 05:00	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/25/22 13:24	10/26/22 05:00	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/25/22 13:24	10/26/22 05:00	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/25/22 13:24	10/26/22 05:00	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/25/22 13:24	10/26/22 05:00	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/25/22 13:24	10/26/22 05:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				10/25/22 13:24	10/26/22 05:00	1
1,4-Difluorobenzene (Surr)	94		70 - 130				10/25/22 13:24	10/26/22 05:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/26/22 09:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/26/22 11:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/25/22 10:56	10/26/22 03:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		10/25/22 10:56	10/26/22 03:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/25/22 10:56	10/26/22 03:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				10/25/22 10:56	10/26/22 03:47	1
o-Terphenyl	121		70 - 130				10/25/22 10:56	10/26/22 03:47	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.0		5.00		mg/Kg			10/25/22 20:57	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-11 (4.5'-5')

Lab Sample ID: 880-20699-17

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/25/22 13:24	10/26/22 05:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/25/22 13:24	10/26/22 05:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/25/22 13:24	10/26/22 05:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/25/22 13:24	10/26/22 05:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/25/22 13:24	10/26/22 05:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/25/22 13:24	10/26/22 05:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	10/25/22 13:24	10/26/22 05:20	1
1,4-Difluorobenzene (Surr)	95		70 - 130	10/25/22 13:24	10/26/22 05:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/26/22 09:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/26/22 11:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/25/22 10:56	10/26/22 04:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		10/25/22 10:56	10/26/22 04:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/25/22 10:56	10/26/22 04:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	10/25/22 10:56	10/26/22 04:08	1
o-Terphenyl	114		70 - 130	10/25/22 10:56	10/26/22 04:08	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.5		5.04		mg/Kg			10/25/22 21:02	1

Client Sample ID: CS-12 (4.5'-5')

Lab Sample ID: 880-20699-18

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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		10/25/22 13:24	10/26/22 05:41	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/25/22 13:24	10/26/22 05:41	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/25/22 13:24	10/26/22 05:41	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/25/22 13:24	10/26/22 05:41	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/25/22 13:24	10/26/22 05:41	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/25/22 13:24	10/26/22 05:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	10/25/22 13:24	10/26/22 05:41	1
1,4-Difluorobenzene (Surr)	89		70 - 130	10/25/22 13:24	10/26/22 05:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-12 (4.5'-5')

Lab Sample ID: 880-20699-18

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			10/26/22 09:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/26/22 11:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/25/22 10:56	10/26/22 04:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		10/25/22 10:56	10/26/22 04:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/25/22 10:56	10/26/22 04:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				10/25/22 10:56	10/26/22 04:30	1
o-Terphenyl	102		70 - 130				10/25/22 10:56	10/26/22 04:30	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.0		5.03		mg/Kg			10/25/22 21:07	1

Client Sample ID: CS-13 (4.5'-5')

Lab Sample ID: 880-20699-19

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/25/22 13:24	10/26/22 06:01	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/25/22 13:24	10/26/22 06:01	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/25/22 13:24	10/26/22 06:01	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/25/22 13:24	10/26/22 06:01	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/25/22 13:24	10/26/22 06:01	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/25/22 13:24	10/26/22 06:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				10/25/22 13:24	10/26/22 06:01	1
1,4-Difluorobenzene (Surr)	87		70 - 130				10/25/22 13:24	10/26/22 06:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/26/22 09:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/26/22 11:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/25/22 10:56	10/26/22 04:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		10/25/22 10:56	10/26/22 04:52	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-13 (4.5'-5')

Lab Sample ID: 880-20699-19

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/25/22 10:56	10/26/22 04:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				10/25/22 10:56	10/26/22 04:52	1
o-Terphenyl	90		70 - 130				10/25/22 10:56	10/26/22 04:52	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.21		4.97		mg/Kg			10/25/22 21:12	1

Client Sample ID: CS-14 (4.5'-5')

Lab Sample ID: 880-20699-20

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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		10/25/22 13:24	10/26/22 06:22	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/25/22 13:24	10/26/22 06:22	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/25/22 13:24	10/26/22 06:22	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/25/22 13:24	10/26/22 06:22	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/25/22 13:24	10/26/22 06:22	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/25/22 13:24	10/26/22 06:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				10/25/22 13:24	10/26/22 06:22	1
1,4-Difluorobenzene (Surr)	89		70 - 130				10/25/22 13:24	10/26/22 06:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			10/26/22 09:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/26/22 11:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/25/22 10:56	10/26/22 05:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		10/25/22 10:56	10/26/22 05:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/25/22 10:56	10/26/22 05:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				10/25/22 10:56	10/26/22 05:14	1
o-Terphenyl	97		70 - 130				10/25/22 10:56	10/26/22 05:14	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.0		4.96		mg/Kg			10/25/22 21:17	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-15 (4.5'-5')

Lab Sample ID: 880-20699-21

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/25/22 14:22	10/25/22 18:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/22 14:22	10/25/22 18:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/22 14:22	10/25/22 18:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/25/22 14:22	10/25/22 18:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/22 14:22	10/25/22 18:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/25/22 14:22	10/25/22 18:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	10/25/22 14:22	10/25/22 18:09	1
1,4-Difluorobenzene (Surr)	99		70 - 130	10/25/22 14:22	10/25/22 18:09	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			10/26/22 09:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/26/22 11:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/25/22 11:00	10/26/22 04:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/25/22 11:00	10/26/22 04:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/25/22 11:00	10/26/22 04:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130	10/25/22 11:00	10/26/22 04:52	1
o-Terphenyl	103		70 - 130	10/25/22 11:00	10/26/22 04:52	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	150		5.02		mg/Kg			10/27/22 12:02	1

Client Sample ID: CS-16 (4.5'-5')

Lab Sample ID: 880-20699-22

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/25/22 14:22	10/25/22 18:30	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/25/22 14:22	10/25/22 18:30	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/25/22 14:22	10/25/22 18:30	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/25/22 14:22	10/25/22 18:30	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/25/22 14:22	10/25/22 18:30	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/25/22 14:22	10/25/22 18:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	10/25/22 14:22	10/25/22 18:30	1
1,4-Difluorobenzene (Surr)	103		70 - 130	10/25/22 14:22	10/25/22 18:30	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-16 (4.5'-5')

Lab Sample ID: 880-20699-22

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/26/22 09:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/26/22 11:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/25/22 11:00	10/26/22 05:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/25/22 11:00	10/26/22 05:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/25/22 11:00	10/26/22 05:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				10/25/22 11:00	10/26/22 05:14	1
o-Terphenyl	95		70 - 130				10/25/22 11:00	10/26/22 05:14	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	61.9		25.1		mg/Kg			10/25/22 18:17	5

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-20699-1	SW-1 (4.5'-5')	99	92
880-20699-1 MS	SW-1 (4.5'-5')	97	84
880-20699-1 MSD	SW-1 (4.5'-5')	125	101
880-20699-2	SW-2 (4.5'-5')	110	84
880-20699-3	SW-3 (4.5'-5')	120	82
880-20699-4	SW-4 (4.5'-5')	102	87
880-20699-5	SW-5 (4.5'-5')	124	84
880-20699-6	SW-6 (4.5'-5')	89	73
880-20699-7	CS-1 (4.5'-5')	97	76
880-20699-8	CS-2 (4.5'-5')	104	93
880-20699-9	CS-3 (4.5'-5')	103	86
880-20699-10	CS-4 (4.5'-5')	94	72
880-20699-11	CS-5 (4.5'-5')	91	77
880-20699-12	CS-6 (4.5'-5')	91	74
880-20699-13	CS-7 (4.5'-5')	111	97
880-20699-14	CS-8 (4.5'-5')	106	95
880-20699-15	CS-9 (4.5'-5')	80	88
880-20699-16	CS-10 (4.5'-5')	98	94
880-20699-17	CS-11 (4.5'-5')	105	95
880-20699-18	CS-12 (4.5'-5')	80	89
880-20699-19	CS-13 (4.5'-5')	100	87
880-20699-20	CS-14 (4.5'-5')	103	89
880-20699-21	CS-15 (4.5'-5')	109	99
880-20699-22	CS-16 (4.5'-5')	100	103
890-3234-A-1-C MS	Matrix Spike	90	103
890-3234-A-1-D MSD	Matrix Spike Duplicate	99	98
LCS 880-37517/1-A	Lab Control Sample	99	98
LCS 880-37819/1-A	Lab Control Sample	110	107
LCSD 880-37517/2-A	Lab Control Sample Dup	105	93
LCSD 880-37819/2-A	Lab Control Sample Dup	116	103
MB 880-37517/5-A	Method Blank	109	105
MB 880-37771/5-A	Method Blank	88	93
MB 880-37819/5-A	Method Blank	89	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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
880-20658-A-26-H MS	Matrix Spike	101	78
880-20658-A-26-I MSD	Matrix Spike Duplicate	90	68 S1-
880-20699-1	SW-1 (4.5'-5')	74	88
880-20699-1 MS	SW-1 (4.5'-5')	72	75
880-20699-1 MSD	SW-1 (4.5'-5')	68 S1-	70
880-20699-2	SW-2 (4.5'-5')	86	102

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-20699-1

Project/Site: High Brass #2H (08.07.22)

SDG: Eddy County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
880-20699-3	SW-3 (4.5'-5')	77	94
880-20699-4	SW-4 (4.5'-5')	92	106
880-20699-5	SW-5 (4.5'-5')	86	102
880-20699-6	SW-6 (4.5'-5')	92	111
880-20699-7	CS-1 (4.5'-5')	78	95
880-20699-8	CS-2 (4.5'-5')	82	98
880-20699-9	CS-3 (4.5'-5')	81	96
880-20699-10	CS-4 (4.5'-5')	96	115
880-20699-11	CS-5 (4.5'-5')	97	114
880-20699-12	CS-6 (4.5'-5')	89	104
880-20699-13	CS-7 (4.5'-5')	72	85
880-20699-14	CS-8 (4.5'-5')	94	111
880-20699-15	CS-9 (4.5'-5')	82	98
880-20699-16	CS-10 (4.5'-5')	105	121
880-20699-17	CS-11 (4.5'-5')	97	114
880-20699-18	CS-12 (4.5'-5')	83	102
880-20699-19	CS-13 (4.5'-5')	75	90
880-20699-20	CS-14 (4.5'-5')	81	97
880-20699-21	CS-15 (4.5'-5')	121	103
880-20699-22	CS-16 (4.5'-5')	102	95
LCS 880-37780/2-A	Lab Control Sample	108	85
LCS 880-37800/2-A	Lab Control Sample	89	106
LCSD 880-37780/3-A	Lab Control Sample Dup	112	88
LCSD 880-37800/3-A	Lab Control Sample Dup	87	105
MB 880-37780/1-A	Method Blank	101	99
MB 880-37800/1-A	Method Blank	94	122

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-37517/5-A

Matrix: Solid

Analysis Batch: 37728

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 37517

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/21/22 14:22	10/25/22 11:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/21/22 14:22	10/25/22 11:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/21/22 14:22	10/25/22 11:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/21/22 14:22	10/25/22 11:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/21/22 14:22	10/25/22 11:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/21/22 14:22	10/25/22 11:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	10/21/22 14:22	10/25/22 11:26	1
1,4-Difluorobenzene (Surr)	105		70 - 130	10/21/22 14:22	10/25/22 11:26	1

Lab Sample ID: LCS 880-37517/1-A

Matrix: Solid

Analysis Batch: 37728

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 37517

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1017		mg/Kg		102	70 - 130
Toluene	0.100	0.1085		mg/Kg		109	70 - 130
Ethylbenzene	0.100	0.1005		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	0.200	0.2078		mg/Kg		104	70 - 130
o-Xylene	0.100	0.1114		mg/Kg		111	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-37517/2-A

Matrix: Solid

Analysis Batch: 37728

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 37517

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09388		mg/Kg		94	70 - 130	8	35
Toluene	0.100	0.1073		mg/Kg		107	70 - 130	1	35
Ethylbenzene	0.100	0.1027		mg/Kg		103	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2150		mg/Kg		107	70 - 130	3	35
o-Xylene	0.100	0.1157		mg/Kg		116	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 890-3234-A-1-C MS

Matrix: Solid

Analysis Batch: 37728

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 37517

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F1 F2	0.0998	0.02483	F1	mg/Kg		25	70 - 130
Toluene	<0.00201	U F1	0.0998	0.02053	F1	mg/Kg		21	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 890-3234-A-1-C MS

Matrix: Solid

Analysis Batch: 37728

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 37517

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U F1	0.0998	0.01717	F1	mg/Kg		17	70 - 130
m-Xylene & p-Xylene	<0.00402	U F1	0.200	0.03517	F1	mg/Kg		18	70 - 130
o-Xylene	<0.00201	U F1	0.0998	0.02055	F1	mg/Kg		21	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 890-3234-A-1-D MSD

Matrix: Solid

Analysis Batch: 37728

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 37517

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00201	U F1 F2	0.0990	0.03579	F1 F2	mg/Kg		36	70 - 130	36	35
Toluene	<0.00201	U F1	0.0990	0.02501	F1	mg/Kg		25	70 - 130	20	35
Ethylbenzene	<0.00201	U F1	0.0990	0.01880	F1	mg/Kg		19	70 - 130	9	35
m-Xylene & p-Xylene	<0.00402	U F1	0.198	0.03839	F1	mg/Kg		19	70 - 130	9	35
o-Xylene	<0.00201	U F1	0.0990	0.02248	F1	mg/Kg		23	70 - 130	9	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: MB 880-37771/5-A

Matrix: Solid

Analysis Batch: 37768

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 37771

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/25/22 09:18	10/25/22 11:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/22 09:18	10/25/22 11:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/22 09:18	10/25/22 11:17	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/25/22 09:18	10/25/22 11:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/22 09:18	10/25/22 11:17	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/25/22 09:18	10/25/22 11:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	10/25/22 09:18	10/25/22 11:17	1
1,4-Difluorobenzene (Surr)	93		70 - 130	10/25/22 09:18	10/25/22 11:17	1

Lab Sample ID: MB 880-37819/5-A

Matrix: Solid

Analysis Batch: 37768

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 37819

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/25/22 13:24	10/25/22 22:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/22 13:24	10/25/22 22:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/22 13:24	10/25/22 22:28	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/25/22 13:24	10/25/22 22:28	1

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QC Sample Results

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-37819/5-A

Matrix: Solid

Analysis Batch: 37768

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 37819

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/22 13:24	10/25/22 22:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/25/22 13:24	10/25/22 22:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	10/25/22 13:24	10/25/22 22:28	1
1,4-Difluorobenzene (Surr)	91		70 - 130	10/25/22 13:24	10/25/22 22:28	1

Lab Sample ID: LCS 880-37819/1-A

Matrix: Solid

Analysis Batch: 37768

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 37819

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1000		mg/Kg		100	70 - 130
Toluene	0.100	0.09013		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.09445		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1916		mg/Kg		96	70 - 130
o-Xylene	0.100	0.09723		mg/Kg		97	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: LCSD 880-37819/2-A

Matrix: Solid

Analysis Batch: 37768

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 37819

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09366		mg/Kg		94	70 - 130	7	35
Toluene	0.100	0.08987		mg/Kg		90	70 - 130	0	35
Ethylbenzene	0.100	0.09474		mg/Kg		95	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.1997		mg/Kg		100	70 - 130	4	35
o-Xylene	0.100	0.1011		mg/Kg		101	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-20699-1 MS

Matrix: Solid

Analysis Batch: 37768

Client Sample ID: SW-1 (4.5'-5')

Prep Type: Total/NA

Prep Batch: 37819

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F2 F1	0.100	0.04122	F1	mg/Kg		41	70 - 130
Toluene	<0.00200	U F2 F1	0.100	0.04538	F1	mg/Kg		45	70 - 130
Ethylbenzene	<0.00200	U F2 F1	0.100	0.05589	F1	mg/Kg		56	70 - 130
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.201	0.09936	F1	mg/Kg		49	70 - 130
o-Xylene	<0.00200	U F2 F1	0.100	0.05434	F1	mg/Kg		54	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-20699-1 MS

Matrix: Solid

Analysis Batch: 37768

Client Sample ID: SW-1 (4.5'-5')

Prep Type: Total/NA

Prep Batch: 37819

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	84		70 - 130

Lab Sample ID: 880-20699-1 MSD

Matrix: Solid

Analysis Batch: 37768

Client Sample ID: SW-1 (4.5'-5')

Prep Type: Total/NA

Prep Batch: 37819

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F2 F1	0.0996	0.08166	F2	mg/Kg		82	70 - 130	66	35
Toluene	<0.00200	U F2 F1	0.0996	0.07549	F2	mg/Kg		76	70 - 130	50	35
Ethylbenzene	<0.00200	U F2 F1	0.0996	0.08703	F2	mg/Kg		87	70 - 130	44	35
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.199	0.1781	F2	mg/Kg		89	70 - 130	57	35
o-Xylene	<0.00200	U F2 F1	0.0996	0.09293	F2	mg/Kg		93	70 - 130	52	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	125		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

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

Lab Sample ID: MB 880-37780/1-A

Matrix: Solid

Analysis Batch: 37758

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 37780

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/25/22 09:52	10/25/22 20:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/25/22 09:52	10/25/22 20:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/25/22 09:52	10/25/22 20:11	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	101		70 - 130	10/25/22 09:52	10/25/22 20:11	1			
o-Terphenyl	99		70 - 130	10/25/22 09:52	10/25/22 20:11	1			

Lab Sample ID: LCS 880-37780/2-A

Matrix: Solid

Analysis Batch: 37758

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 37780

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	846.2		mg/Kg		85	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	846.1		mg/Kg		85	70 - 130		

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	108		70 - 130
o-Terphenyl	85		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-37780/3-A

Matrix: Solid

Analysis Batch: 37758

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 37780

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	769.0		mg/Kg		77	70 - 130	10	20
Diesel Range Organics (Over C10-C28)	1000	834.5		mg/Kg		83	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	112		70 - 130						
o-Terphenyl	88		70 - 130						

Lab Sample ID: 880-20658-A-26-H MS

Matrix: Solid

Analysis Batch: 37758

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 37780

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	872.9		mg/Kg		87	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	998	899.2		mg/Kg		90	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	101		70 - 130								
o-Terphenyl	78		70 - 130								

Lab Sample ID: 880-20658-A-26-I MSD

Matrix: Solid

Analysis Batch: 37758

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 37780

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	850.3		mg/Kg		85	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	801.0		mg/Kg		80	70 - 130	12	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	90		70 - 130								
o-Terphenyl	68	S1-	70 - 130								

Lab Sample ID: MB 880-37800/1-A

Matrix: Solid

Analysis Batch: 37760

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 37800

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/25/22 10:56	10/25/22 20:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/25/22 10:56	10/25/22 20:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/25/22 10:56	10/25/22 20:11	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-37800/1-A

Matrix: Solid

Analysis Batch: 37760

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 37800

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	10/25/22 10:56	10/25/22 20:11	1
o-Terphenyl	122		70 - 130	10/25/22 10:56	10/25/22 20:11	1

Lab Sample ID: LCS 880-37800/2-A

Matrix: Solid

Analysis Batch: 37760

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 37800

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1045		mg/Kg		105	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1031		mg/Kg		103	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	89		70 - 130
o-Terphenyl	106		70 - 130

Lab Sample ID: LCSD 880-37800/3-A

Matrix: Solid

Analysis Batch: 37760

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 37800

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	890.1		mg/Kg		89	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	1000	778.2	*1	mg/Kg		78	70 - 130	28	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	87		70 - 130
o-Terphenyl	105		70 - 130

Lab Sample ID: 880-20699-1 MS

Matrix: Solid

Analysis Batch: 37760

Client Sample ID: SW-1 (4.5'-5')

Prep Type: Total/NA

Prep Batch: 37800

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	998	1013		mg/Kg		99	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U *1	998	878.4		mg/Kg		87	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	72		70 - 130
o-Terphenyl	75		70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-20699-1 MSD

Matrix: Solid

Analysis Batch: 37760

Client Sample ID: SW-1 (4.5'-5')

Prep Type: Total/NA

Prep Batch: 37800

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	998	975.4		mg/Kg		95	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<49.8	U *1	998	823.6		mg/Kg		81	70 - 130	6	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	68	S1-	70 - 130								
o-Terphenyl	70		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-37782/1-A

Matrix: Solid

Analysis Batch: 37824

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			10/25/22 16:01	1

Lab Sample ID: LCS 880-37782/2-A

Matrix: Solid

Analysis Batch: 37824

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	272.9		mg/Kg		109	90 - 110

Lab Sample ID: LCSD 880-37782/3-A

Matrix: Solid

Analysis Batch: 37824

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	274.0		mg/Kg		110	90 - 110	0	20

Lab Sample ID: 880-20658-A-38-D MS

Matrix: Solid

Analysis Batch: 37824

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	30.6		253	283.9		mg/Kg		100	90 - 110

Lab Sample ID: 880-20658-A-38-E MSD

Matrix: Solid

Analysis Batch: 37824

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	30.6		253	284.2		mg/Kg		100	90 - 110	0	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-37783/1-A

Matrix: Solid

Analysis Batch: 37825

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			10/25/22 18:51	1

Lab Sample ID: LCS 880-37783/2-A

Matrix: Solid

Analysis Batch: 37825

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	259.4		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-37783/3-A

Matrix: Solid

Analysis Batch: 37825

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	257.9		mg/Kg		103	90 - 110	1	20

Lab Sample ID: 880-20699-1 MS

Matrix: Solid

Analysis Batch: 37825

Client Sample ID: SW-1 (4.5'-5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	17.8		251	269.7		mg/Kg		101	90 - 110

Lab Sample ID: 880-20699-1 MSD

Matrix: Solid

Analysis Batch: 37825

Client Sample ID: SW-1 (4.5'-5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	17.8		251	270.7		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-20699-11 MS

Matrix: Solid

Analysis Batch: 37825

Client Sample ID: CS-5 (4.5'-5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	16.5		249	269.9		mg/Kg		102	90 - 110

Lab Sample ID: 880-20699-11 MSD

Matrix: Solid

Analysis Batch: 37825

Client Sample ID: CS-5 (4.5'-5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	16.5		249	268.6		mg/Kg		101	90 - 110	0	20

Lab Sample ID: MB 880-37904/1-A

Matrix: Solid

Analysis Batch: 37912

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			10/26/22 14:46	1

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QC Sample Results

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-37904/2-A

Matrix: Solid

Analysis Batch: 37912

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	259.1		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-37904/3-A

Matrix: Solid

Analysis Batch: 37912

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	260.3		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 880-20752-A-5-F MS

Matrix: Solid

Analysis Batch: 37912

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	18.4		252	273.4		mg/Kg		101	90 - 110

Lab Sample ID: 880-20752-A-5-G MSD

Matrix: Solid

Analysis Batch: 37912

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	18.4		252	270.1		mg/Kg		100	90 - 110	1	20

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QC Association Summary

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 37517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20699-21	CS-15 (4.5'-5')	Total/NA	Solid	5035	
880-20699-22	CS-16 (4.5'-5')	Total/NA	Solid	5035	
MB 880-37517/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-37517/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-37517/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3234-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
890-3234-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 37728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20699-21	CS-15 (4.5'-5')	Total/NA	Solid	8021B	37517
880-20699-22	CS-16 (4.5'-5')	Total/NA	Solid	8021B	37517
MB 880-37517/5-A	Method Blank	Total/NA	Solid	8021B	37517
LCS 880-37517/1-A	Lab Control Sample	Total/NA	Solid	8021B	37517
LCSD 880-37517/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	37517
890-3234-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	37517
890-3234-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	37517

Analysis Batch: 37768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20699-1	SW-1 (4.5'-5')	Total/NA	Solid	8021B	37819
880-20699-2	SW-2 (4.5'-5')	Total/NA	Solid	8021B	37819
880-20699-3	SW-3 (4.5'-5')	Total/NA	Solid	8021B	37819
880-20699-4	SW-4 (4.5'-5')	Total/NA	Solid	8021B	37819
880-20699-5	SW-5 (4.5'-5')	Total/NA	Solid	8021B	37819
880-20699-6	SW-6 (4.5'-5')	Total/NA	Solid	8021B	37819
880-20699-7	CS-1 (4.5'-5')	Total/NA	Solid	8021B	37819
880-20699-8	CS-2 (4.5'-5')	Total/NA	Solid	8021B	37819
880-20699-9	CS-3 (4.5'-5')	Total/NA	Solid	8021B	37819
880-20699-10	CS-4 (4.5'-5')	Total/NA	Solid	8021B	37819
880-20699-11	CS-5 (4.5'-5')	Total/NA	Solid	8021B	37819
880-20699-12	CS-6 (4.5'-5')	Total/NA	Solid	8021B	37819
880-20699-13	CS-7 (4.5'-5')	Total/NA	Solid	8021B	37819
880-20699-14	CS-8 (4.5'-5')	Total/NA	Solid	8021B	37819
880-20699-15	CS-9 (4.5'-5')	Total/NA	Solid	8021B	37819
880-20699-16	CS-10 (4.5'-5')	Total/NA	Solid	8021B	37819
880-20699-17	CS-11 (4.5'-5')	Total/NA	Solid	8021B	37819
880-20699-18	CS-12 (4.5'-5')	Total/NA	Solid	8021B	37819
880-20699-19	CS-13 (4.5'-5')	Total/NA	Solid	8021B	37819
880-20699-20	CS-14 (4.5'-5')	Total/NA	Solid	8021B	37819
MB 880-37771/5-A	Method Blank	Total/NA	Solid	8021B	37771
MB 880-37819/5-A	Method Blank	Total/NA	Solid	8021B	37819
LCS 880-37819/1-A	Lab Control Sample	Total/NA	Solid	8021B	37819
LCSD 880-37819/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	37819
880-20699-1 MS	SW-1 (4.5'-5')	Total/NA	Solid	8021B	37819
880-20699-1 MSD	SW-1 (4.5'-5')	Total/NA	Solid	8021B	37819

Prep Batch: 37771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-37771/5-A	Method Blank	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 37819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20699-1	SW-1 (4.5'-5')	Total/NA	Solid	5035	
880-20699-2	SW-2 (4.5'-5')	Total/NA	Solid	5035	
880-20699-3	SW-3 (4.5'-5')	Total/NA	Solid	5035	
880-20699-4	SW-4 (4.5'-5')	Total/NA	Solid	5035	
880-20699-5	SW-5 (4.5'-5')	Total/NA	Solid	5035	
880-20699-6	SW-6 (4.5'-5')	Total/NA	Solid	5035	
880-20699-7	CS-1 (4.5'-5')	Total/NA	Solid	5035	
880-20699-8	CS-2 (4.5'-5')	Total/NA	Solid	5035	
880-20699-9	CS-3 (4.5'-5')	Total/NA	Solid	5035	
880-20699-10	CS-4 (4.5'-5')	Total/NA	Solid	5035	
880-20699-11	CS-5 (4.5'-5')	Total/NA	Solid	5035	
880-20699-12	CS-6 (4.5'-5')	Total/NA	Solid	5035	
880-20699-13	CS-7 (4.5'-5')	Total/NA	Solid	5035	
880-20699-14	CS-8 (4.5'-5')	Total/NA	Solid	5035	
880-20699-15	CS-9 (4.5'-5')	Total/NA	Solid	5035	
880-20699-16	CS-10 (4.5'-5')	Total/NA	Solid	5035	
880-20699-17	CS-11 (4.5'-5')	Total/NA	Solid	5035	
880-20699-18	CS-12 (4.5'-5')	Total/NA	Solid	5035	
880-20699-19	CS-13 (4.5'-5')	Total/NA	Solid	5035	
880-20699-20	CS-14 (4.5'-5')	Total/NA	Solid	5035	
MB 880-37819/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-37819/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-37819/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-20699-1 MS	SW-1 (4.5'-5')	Total/NA	Solid	5035	
880-20699-1 MSD	SW-1 (4.5'-5')	Total/NA	Solid	5035	

Analysis Batch: 37864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20699-1	SW-1 (4.5'-5')	Total/NA	Solid	Total BTEX	
880-20699-2	SW-2 (4.5'-5')	Total/NA	Solid	Total BTEX	
880-20699-3	SW-3 (4.5'-5')	Total/NA	Solid	Total BTEX	
880-20699-4	SW-4 (4.5'-5')	Total/NA	Solid	Total BTEX	
880-20699-5	SW-5 (4.5'-5')	Total/NA	Solid	Total BTEX	
880-20699-6	SW-6 (4.5'-5')	Total/NA	Solid	Total BTEX	
880-20699-7	CS-1 (4.5'-5')	Total/NA	Solid	Total BTEX	
880-20699-8	CS-2 (4.5'-5')	Total/NA	Solid	Total BTEX	
880-20699-9	CS-3 (4.5'-5')	Total/NA	Solid	Total BTEX	
880-20699-10	CS-4 (4.5'-5')	Total/NA	Solid	Total BTEX	
880-20699-11	CS-5 (4.5'-5')	Total/NA	Solid	Total BTEX	
880-20699-12	CS-6 (4.5'-5')	Total/NA	Solid	Total BTEX	
880-20699-13	CS-7 (4.5'-5')	Total/NA	Solid	Total BTEX	
880-20699-14	CS-8 (4.5'-5')	Total/NA	Solid	Total BTEX	
880-20699-15	CS-9 (4.5'-5')	Total/NA	Solid	Total BTEX	
880-20699-16	CS-10 (4.5'-5')	Total/NA	Solid	Total BTEX	
880-20699-17	CS-11 (4.5'-5')	Total/NA	Solid	Total BTEX	
880-20699-18	CS-12 (4.5'-5')	Total/NA	Solid	Total BTEX	
880-20699-19	CS-13 (4.5'-5')	Total/NA	Solid	Total BTEX	
880-20699-20	CS-14 (4.5'-5')	Total/NA	Solid	Total BTEX	
880-20699-21	CS-15 (4.5'-5')	Total/NA	Solid	Total BTEX	
880-20699-22	CS-16 (4.5'-5')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

GC Semi VOA

Analysis Batch: 37758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20699-21	CS-15 (4.5'-5')	Total/NA	Solid	8015B NM	37780
880-20699-22	CS-16 (4.5'-5')	Total/NA	Solid	8015B NM	37780
MB 880-37780/1-A	Method Blank	Total/NA	Solid	8015B NM	37780
LCS 880-37780/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	37780
LCSD 880-37780/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	37780
880-20658-A-26-H MS	Matrix Spike	Total/NA	Solid	8015B NM	37780
880-20658-A-26-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	37780

Analysis Batch: 37760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20699-1	SW-1 (4.5'-5')	Total/NA	Solid	8015B NM	37800
880-20699-2	SW-2 (4.5'-5')	Total/NA	Solid	8015B NM	37800
880-20699-3	SW-3 (4.5'-5')	Total/NA	Solid	8015B NM	37800
880-20699-4	SW-4 (4.5'-5')	Total/NA	Solid	8015B NM	37800
880-20699-5	SW-5 (4.5'-5')	Total/NA	Solid	8015B NM	37800
880-20699-6	SW-6 (4.5'-5')	Total/NA	Solid	8015B NM	37800
880-20699-7	CS-1 (4.5'-5')	Total/NA	Solid	8015B NM	37800
880-20699-8	CS-2 (4.5'-5')	Total/NA	Solid	8015B NM	37800
880-20699-9	CS-3 (4.5'-5')	Total/NA	Solid	8015B NM	37800
880-20699-10	CS-4 (4.5'-5')	Total/NA	Solid	8015B NM	37800
880-20699-11	CS-5 (4.5'-5')	Total/NA	Solid	8015B NM	37800
880-20699-12	CS-6 (4.5'-5')	Total/NA	Solid	8015B NM	37800
880-20699-13	CS-7 (4.5'-5')	Total/NA	Solid	8015B NM	37800
880-20699-14	CS-8 (4.5'-5')	Total/NA	Solid	8015B NM	37800
880-20699-15	CS-9 (4.5'-5')	Total/NA	Solid	8015B NM	37800
880-20699-16	CS-10 (4.5'-5')	Total/NA	Solid	8015B NM	37800
880-20699-17	CS-11 (4.5'-5')	Total/NA	Solid	8015B NM	37800
880-20699-18	CS-12 (4.5'-5')	Total/NA	Solid	8015B NM	37800
880-20699-19	CS-13 (4.5'-5')	Total/NA	Solid	8015B NM	37800
880-20699-20	CS-14 (4.5'-5')	Total/NA	Solid	8015B NM	37800
MB 880-37800/1-A	Method Blank	Total/NA	Solid	8015B NM	37800
LCS 880-37800/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	37800
LCSD 880-37800/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	37800
880-20699-1 MS	SW-1 (4.5'-5')	Total/NA	Solid	8015B NM	37800
880-20699-1 MSD	SW-1 (4.5'-5')	Total/NA	Solid	8015B NM	37800

Prep Batch: 37780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20699-21	CS-15 (4.5'-5')	Total/NA	Solid	8015NM Prep	
880-20699-22	CS-16 (4.5'-5')	Total/NA	Solid	8015NM Prep	
MB 880-37780/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-37780/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-37780/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-20658-A-26-H MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-20658-A-26-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 37800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20699-1	SW-1 (4.5'-5')	Total/NA	Solid	8015NM Prep	
880-20699-2	SW-2 (4.5'-5')	Total/NA	Solid	8015NM Prep	
880-20699-3	SW-3 (4.5'-5')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
 SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 37800 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20699-4	SW-4 (4.5'-5')	Total/NA	Solid	8015NM Prep	
880-20699-5	SW-5 (4.5'-5')	Total/NA	Solid	8015NM Prep	
880-20699-6	SW-6 (4.5'-5')	Total/NA	Solid	8015NM Prep	
880-20699-7	CS-1 (4.5'-5')	Total/NA	Solid	8015NM Prep	
880-20699-8	CS-2 (4.5'-5')	Total/NA	Solid	8015NM Prep	
880-20699-9	CS-3 (4.5'-5')	Total/NA	Solid	8015NM Prep	
880-20699-10	CS-4 (4.5'-5')	Total/NA	Solid	8015NM Prep	
880-20699-11	CS-5 (4.5'-5')	Total/NA	Solid	8015NM Prep	
880-20699-12	CS-6 (4.5'-5')	Total/NA	Solid	8015NM Prep	
880-20699-13	CS-7 (4.5'-5')	Total/NA	Solid	8015NM Prep	
880-20699-14	CS-8 (4.5'-5')	Total/NA	Solid	8015NM Prep	
880-20699-15	CS-9 (4.5'-5')	Total/NA	Solid	8015NM Prep	
880-20699-16	CS-10 (4.5'-5')	Total/NA	Solid	8015NM Prep	
880-20699-17	CS-11 (4.5'-5')	Total/NA	Solid	8015NM Prep	
880-20699-18	CS-12 (4.5'-5')	Total/NA	Solid	8015NM Prep	
880-20699-19	CS-13 (4.5'-5')	Total/NA	Solid	8015NM Prep	
880-20699-20	CS-14 (4.5'-5')	Total/NA	Solid	8015NM Prep	
MB 880-37800/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-37800/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-37800/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-20699-1 MS	SW-1 (4.5'-5')	Total/NA	Solid	8015NM Prep	
880-20699-1 MSD	SW-1 (4.5'-5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 37875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20699-1	SW-1 (4.5'-5')	Total/NA	Solid	8015 NM	
880-20699-2	SW-2 (4.5'-5')	Total/NA	Solid	8015 NM	
880-20699-3	SW-3 (4.5'-5')	Total/NA	Solid	8015 NM	
880-20699-4	SW-4 (4.5'-5')	Total/NA	Solid	8015 NM	
880-20699-5	SW-5 (4.5'-5')	Total/NA	Solid	8015 NM	
880-20699-6	SW-6 (4.5'-5')	Total/NA	Solid	8015 NM	
880-20699-7	CS-1 (4.5'-5')	Total/NA	Solid	8015 NM	
880-20699-8	CS-2 (4.5'-5')	Total/NA	Solid	8015 NM	
880-20699-9	CS-3 (4.5'-5')	Total/NA	Solid	8015 NM	
880-20699-10	CS-4 (4.5'-5')	Total/NA	Solid	8015 NM	
880-20699-11	CS-5 (4.5'-5')	Total/NA	Solid	8015 NM	
880-20699-12	CS-6 (4.5'-5')	Total/NA	Solid	8015 NM	
880-20699-13	CS-7 (4.5'-5')	Total/NA	Solid	8015 NM	
880-20699-14	CS-8 (4.5'-5')	Total/NA	Solid	8015 NM	
880-20699-15	CS-9 (4.5'-5')	Total/NA	Solid	8015 NM	
880-20699-16	CS-10 (4.5'-5')	Total/NA	Solid	8015 NM	
880-20699-17	CS-11 (4.5'-5')	Total/NA	Solid	8015 NM	
880-20699-18	CS-12 (4.5'-5')	Total/NA	Solid	8015 NM	
880-20699-19	CS-13 (4.5'-5')	Total/NA	Solid	8015 NM	
880-20699-20	CS-14 (4.5'-5')	Total/NA	Solid	8015 NM	
880-20699-21	CS-15 (4.5'-5')	Total/NA	Solid	8015 NM	
880-20699-22	CS-16 (4.5'-5')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

HPLC/IC

Leach Batch: 37782

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20699-22	CS-16 (4.5'-5')	Soluble	Solid	DI Leach	
MB 880-37782/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-37782/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-37782/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-20658-A-38-D MS	Matrix Spike	Soluble	Solid	DI Leach	
880-20658-A-38-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 37783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20699-1	SW-1 (4.5'-5')	Soluble	Solid	DI Leach	
880-20699-2	SW-2 (4.5'-5')	Soluble	Solid	DI Leach	
880-20699-3	SW-3 (4.5'-5')	Soluble	Solid	DI Leach	
880-20699-4	SW-4 (4.5'-5')	Soluble	Solid	DI Leach	
880-20699-5	SW-5 (4.5'-5')	Soluble	Solid	DI Leach	
880-20699-6	SW-6 (4.5'-5')	Soluble	Solid	DI Leach	
880-20699-7	CS-1 (4.5'-5')	Soluble	Solid	DI Leach	
880-20699-8	CS-2 (4.5'-5')	Soluble	Solid	DI Leach	
880-20699-9	CS-3 (4.5'-5')	Soluble	Solid	DI Leach	
880-20699-10	CS-4 (4.5'-5')	Soluble	Solid	DI Leach	
880-20699-11	CS-5 (4.5'-5')	Soluble	Solid	DI Leach	
880-20699-12	CS-6 (4.5'-5')	Soluble	Solid	DI Leach	
880-20699-13	CS-7 (4.5'-5')	Soluble	Solid	DI Leach	
880-20699-14	CS-8 (4.5'-5')	Soluble	Solid	DI Leach	
880-20699-15	CS-9 (4.5'-5')	Soluble	Solid	DI Leach	
880-20699-16	CS-10 (4.5'-5')	Soluble	Solid	DI Leach	
880-20699-17	CS-11 (4.5'-5')	Soluble	Solid	DI Leach	
880-20699-18	CS-12 (4.5'-5')	Soluble	Solid	DI Leach	
880-20699-19	CS-13 (4.5'-5')	Soluble	Solid	DI Leach	
880-20699-20	CS-14 (4.5'-5')	Soluble	Solid	DI Leach	
MB 880-37783/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-37783/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-37783/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-20699-1 MS	SW-1 (4.5'-5')	Soluble	Solid	DI Leach	
880-20699-1 MSD	SW-1 (4.5'-5')	Soluble	Solid	DI Leach	
880-20699-11 MS	CS-5 (4.5'-5')	Soluble	Solid	DI Leach	
880-20699-11 MSD	CS-5 (4.5'-5')	Soluble	Solid	DI Leach	

Analysis Batch: 37824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20699-22	CS-16 (4.5'-5')	Soluble	Solid	300.0	37782
MB 880-37782/1-A	Method Blank	Soluble	Solid	300.0	37782
LCS 880-37782/2-A	Lab Control Sample	Soluble	Solid	300.0	37782
LCSD 880-37782/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	37782
880-20658-A-38-D MS	Matrix Spike	Soluble	Solid	300.0	37782
880-20658-A-38-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	37782

Analysis Batch: 37825

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20699-1	SW-1 (4.5'-5')	Soluble	Solid	300.0	37783
880-20699-2	SW-2 (4.5'-5')	Soluble	Solid	300.0	37783
880-20699-3	SW-3 (4.5'-5')	Soluble	Solid	300.0	37783

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 37825 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20699-4	SW-4 (4.5'-5')	Soluble	Solid	300.0	37783
880-20699-5	SW-5 (4.5'-5')	Soluble	Solid	300.0	37783
880-20699-6	SW-6 (4.5'-5')	Soluble	Solid	300.0	37783
880-20699-7	CS-1 (4.5'-5')	Soluble	Solid	300.0	37783
880-20699-8	CS-2 (4.5'-5')	Soluble	Solid	300.0	37783
880-20699-9	CS-3 (4.5'-5')	Soluble	Solid	300.0	37783
880-20699-10	CS-4 (4.5'-5')	Soluble	Solid	300.0	37783
880-20699-11	CS-5 (4.5'-5')	Soluble	Solid	300.0	37783
880-20699-12	CS-6 (4.5'-5')	Soluble	Solid	300.0	37783
880-20699-13	CS-7 (4.5'-5')	Soluble	Solid	300.0	37783
880-20699-14	CS-8 (4.5'-5')	Soluble	Solid	300.0	37783
880-20699-15	CS-9 (4.5'-5')	Soluble	Solid	300.0	37783
880-20699-16	CS-10 (4.5'-5')	Soluble	Solid	300.0	37783
880-20699-17	CS-11 (4.5'-5')	Soluble	Solid	300.0	37783
880-20699-18	CS-12 (4.5'-5')	Soluble	Solid	300.0	37783
880-20699-19	CS-13 (4.5'-5')	Soluble	Solid	300.0	37783
880-20699-20	CS-14 (4.5'-5')	Soluble	Solid	300.0	37783
MB 880-37783/1-A	Method Blank	Soluble	Solid	300.0	37783
LCS 880-37783/2-A	Lab Control Sample	Soluble	Solid	300.0	37783
LCSD 880-37783/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	37783
880-20699-1 MS	SW-1 (4.5'-5')	Soluble	Solid	300.0	37783
880-20699-1 MSD	SW-1 (4.5'-5')	Soluble	Solid	300.0	37783
880-20699-11 MS	CS-5 (4.5'-5')	Soluble	Solid	300.0	37783
880-20699-11 MSD	CS-5 (4.5'-5')	Soluble	Solid	300.0	37783

Leach Batch: 37904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20699-21	CS-15 (4.5'-5')	Soluble	Solid	DI Leach	
MB 880-37904/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-37904/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-37904/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-20752-A-5-F MS	Matrix Spike	Soluble	Solid	DI Leach	
880-20752-A-5-G MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 37912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20699-21	CS-15 (4.5'-5')	Soluble	Solid	300.0	37904
MB 880-37904/1-A	Method Blank	Soluble	Solid	300.0	37904
LCS 880-37904/2-A	Lab Control Sample	Soluble	Solid	300.0	37904
LCSD 880-37904/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	37904
880-20752-A-5-F MS	Matrix Spike	Soluble	Solid	300.0	37904
880-20752-A-5-G MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	37904

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-1 (4.5'-5')

Lab Sample ID: 880-20699-1

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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	37819	10/25/22 13:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37768	10/25/22 22:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37864	10/26/22 09:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			37875	10/26/22 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	37800	10/25/22 10:56	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37760	10/25/22 21:15	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	37783	10/25/22 10:25	SMC	EET MID
Soluble	Analysis	300.0		1			37825	10/25/22 19:06	CH	EET MID

Client Sample ID: SW-2 (4.5'-5')

Lab Sample ID: 880-20699-2

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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	37819	10/25/22 13:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37768	10/25/22 23:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37864	10/26/22 09:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			37875	10/26/22 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	37800	10/25/22 10:56	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37760	10/25/22 22:20	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	37783	10/25/22 10:25	SMC	EET MID
Soluble	Analysis	300.0		1			37825	10/25/22 19:20	CH	EET MID

Client Sample ID: SW-3 (4.5'-5')

Lab Sample ID: 880-20699-3

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	37819	10/25/22 13:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37768	10/25/22 23:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37864	10/26/22 09:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			37875	10/26/22 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	37800	10/25/22 10:56	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37760	10/25/22 22:41	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	37783	10/25/22 10:25	SMC	EET MID
Soluble	Analysis	300.0		1			37825	10/25/22 19:25	CH	EET MID

Client Sample ID: SW-4 (4.5'-5')

Lab Sample ID: 880-20699-4

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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	37819	10/25/22 13:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37768	10/25/22 23:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37864	10/26/22 09:06	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-4 (4.5'-5')

Lab Sample ID: 880-20699-4

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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			37875	10/26/22 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37800	10/25/22 10:56	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37760	10/25/22 23:04	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	37783	10/25/22 10:25	SMC	EET MID
Soluble	Analysis	300.0		1			37825	10/25/22 19:30	CH	EET MID

Client Sample ID: SW-5 (4.5'-5')

Lab Sample ID: 880-20699-5

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	37819	10/25/22 13:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37768	10/26/22 00:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37864	10/26/22 09:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			37875	10/26/22 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37800	10/25/22 10:56	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37760	10/25/22 23:25	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	37783	10/25/22 10:25	SMC	EET MID
Soluble	Analysis	300.0		1			37825	10/25/22 19:35	CH	EET MID

Client Sample ID: SW-6 (4.5'-5')

Lab Sample ID: 880-20699-6

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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	37819	10/25/22 13:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37768	10/26/22 00:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37864	10/26/22 09:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			37875	10/26/22 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	37800	10/25/22 10:56	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37760	10/25/22 23:47	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	37783	10/25/22 10:25	SMC	EET MID
Soluble	Analysis	300.0		1			37825	10/25/22 19:49	CH	EET MID

Client Sample ID: CS-1 (4.5'-5')

Lab Sample ID: 880-20699-7

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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	37819	10/25/22 13:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37768	10/26/22 00:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37864	10/26/22 09:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			37875	10/26/22 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	37800	10/25/22 10:56	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37760	10/26/22 00:09	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-1 (4.5'-5')

Lab Sample ID: 880-20699-7

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	37783	10/25/22 10:25	SMC	EET MID
Soluble	Analysis	300.0		1			37825	10/25/22 19:54	CH	EET MID

Client Sample ID: CS-2 (4.5'-5')

Lab Sample ID: 880-20699-8

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	37819	10/25/22 13:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37768	10/26/22 01:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37864	10/26/22 09:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			37875	10/26/22 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	37800	10/25/22 10:56	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37760	10/26/22 00:31	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	37783	10/25/22 10:25	SMC	EET MID
Soluble	Analysis	300.0		1			37825	10/25/22 19:59	CH	EET MID

Client Sample ID: CS-3 (4.5'-5')

Lab Sample ID: 880-20699-9

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	37819	10/25/22 13:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37768	10/26/22 01:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37864	10/26/22 09:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			37875	10/26/22 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	37800	10/25/22 10:56	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37760	10/26/22 00:52	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	37783	10/25/22 10:25	SMC	EET MID
Soluble	Analysis	300.0		1			37825	10/25/22 20:04	CH	EET MID

Client Sample ID: CS-4 (4.5'-5')

Lab Sample ID: 880-20699-10

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	37819	10/25/22 13:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37768	10/26/22 01:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37864	10/26/22 09:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			37875	10/26/22 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37800	10/25/22 10:56	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37760	10/26/22 01:14	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	37783	10/25/22 10:25	SMC	EET MID
Soluble	Analysis	300.0		1			37825	10/25/22 20:09	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-5 (4.5'-5')

Lab Sample ID: 880-20699-11

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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	37819	10/25/22 13:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37768	10/26/22 03:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37864	10/26/22 09:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			37875	10/26/22 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	37800	10/25/22 10:56	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37760	10/26/22 01:58	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	37783	10/25/22 10:25	SMC	EET MID
Soluble	Analysis	300.0		1			37825	10/25/22 20:14	CH	EET MID

Client Sample ID: CS-6 (4.5'-5')

Lab Sample ID: 880-20699-12

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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	37819	10/25/22 13:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37768	10/26/22 03:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37864	10/26/22 09:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			37875	10/26/22 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	37800	10/25/22 10:56	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37760	10/26/22 02:19	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	37783	10/25/22 10:25	SMC	EET MID
Soluble	Analysis	300.0		1			37825	10/25/22 20:28	CH	EET MID

Client Sample ID: CS-7 (4.5'-5')

Lab Sample ID: 880-20699-13

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	37819	10/25/22 13:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37768	10/26/22 03:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37864	10/26/22 09:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			37875	10/26/22 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	37800	10/25/22 10:56	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37760	10/26/22 02:41	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	37783	10/25/22 10:25	SMC	EET MID
Soluble	Analysis	300.0		1			37825	10/25/22 20:33	CH	EET MID

Client Sample ID: CS-8 (4.5'-5')

Lab Sample ID: 880-20699-14

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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	37819	10/25/22 13:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37768	10/26/22 04:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37864	10/26/22 09:06	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-8 (4.5'-5')

Lab Sample ID: 880-20699-14

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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			37875	10/26/22 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37800	10/25/22 10:56	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37760	10/26/22 03:03	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	37783	10/25/22 10:25	SMC	EET MID
Soluble	Analysis	300.0		1			37825	10/25/22 20:48	CH	EET MID

Client Sample ID: CS-9 (4.5'-5')

Lab Sample ID: 880-20699-15

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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	37819	10/25/22 13:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37768	10/26/22 04:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37864	10/26/22 09:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			37875	10/26/22 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	37800	10/25/22 10:56	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37760	10/26/22 03:25	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	37783	10/25/22 10:25	SMC	EET MID
Soluble	Analysis	300.0		1			37825	10/25/22 20:53	CH	EET MID

Client Sample ID: CS-10 (4.5'-5')

Lab Sample ID: 880-20699-16

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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	37819	10/25/22 13:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37768	10/26/22 05:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37864	10/26/22 09:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			37875	10/26/22 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37800	10/25/22 10:56	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37760	10/26/22 03:47	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	37783	10/25/22 10:25	SMC	EET MID
Soluble	Analysis	300.0		1			37825	10/25/22 20:57	CH	EET MID

Client Sample ID: CS-11 (4.5'-5')

Lab Sample ID: 880-20699-17

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	37819	10/25/22 13:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37768	10/26/22 05:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37864	10/26/22 09:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			37875	10/26/22 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	37800	10/25/22 10:56	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37760	10/26/22 04:08	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-11 (4.5'-5')

Lab Sample ID: 880-20699-17

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	37783	10/25/22 10:25	SMC	EET MID
Soluble	Analysis	300.0		1			37825	10/25/22 21:02	CH	EET MID

Client Sample ID: CS-12 (4.5'-5')

Lab Sample ID: 880-20699-18

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	37819	10/25/22 13:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37768	10/26/22 05:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37864	10/26/22 09:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			37875	10/26/22 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37800	10/25/22 10:56	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37760	10/26/22 04:30	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	37783	10/25/22 10:25	SMC	EET MID
Soluble	Analysis	300.0		1			37825	10/25/22 21:07	CH	EET MID

Client Sample ID: CS-13 (4.5'-5')

Lab Sample ID: 880-20699-19

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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	37819	10/25/22 13:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37768	10/26/22 06:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37864	10/26/22 09:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			37875	10/26/22 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	37800	10/25/22 10:56	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37760	10/26/22 04:52	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	37783	10/25/22 10:25	SMC	EET MID
Soluble	Analysis	300.0		1			37825	10/25/22 21:12	CH	EET MID

Client Sample ID: CS-14 (4.5'-5')

Lab Sample ID: 880-20699-20

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	37819	10/25/22 13:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37768	10/26/22 06:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37864	10/26/22 09:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			37875	10/26/22 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37800	10/25/22 10:56	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37760	10/26/22 05:14	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	37783	10/25/22 10:25	SMC	EET MID
Soluble	Analysis	300.0		1			37825	10/25/22 21:17	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-15 (4.5'-5')

Lab Sample ID: 880-20699-21

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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	37517	10/25/22 14:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37728	10/25/22 18:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37864	10/26/22 09:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			37875	10/26/22 11:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	37780	10/25/22 11:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37758	10/26/22 04:52	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	37904	10/27/22 10:42	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37912	10/27/22 12:02	CH	EET MID

Client Sample ID: CS-16 (4.5'-5')

Lab Sample ID: 880-20699-22

Date Collected: 10/21/22 00:00

Matrix: Solid

Date Received: 10/25/22 09:36

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	37517	10/25/22 14:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37728	10/25/22 18:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37864	10/26/22 09:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			37875	10/26/22 11:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37780	10/25/22 11:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37758	10/26/22 05:14	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	37782	10/25/22 10:20	SMC	EET MID
Soluble	Analysis	300.0		5			37824	10/25/22 18:17	CH	EET MID

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
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	T104704400-22-24	06-30-23

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
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-C36)
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

Eurofins Midland

Method Summary

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
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	MCAWW	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

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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

Eurofins Midland

Sample Summary

Client: Carmona Resources
Project/Site: High Brass #2H (08.07.22)

Job ID: 880-20699-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-20699-1	SW-1 (4.5'-5')	Solid	10/21/22 00:00	10/25/22 09:36
880-20699-2	SW-2 (4.5'-5')	Solid	10/21/22 00:00	10/25/22 09:36
880-20699-3	SW-3 (4.5'-5')	Solid	10/21/22 00:00	10/25/22 09:36
880-20699-4	SW-4 (4.5'-5')	Solid	10/21/22 00:00	10/25/22 09:36
880-20699-5	SW-5 (4.5'-5')	Solid	10/21/22 00:00	10/25/22 09:36
880-20699-6	SW-6 (4.5'-5')	Solid	10/21/22 00:00	10/25/22 09:36
880-20699-7	CS-1 (4.5'-5')	Solid	10/21/22 00:00	10/25/22 09:36
880-20699-8	CS-2 (4.5'-5')	Solid	10/21/22 00:00	10/25/22 09:36
880-20699-9	CS-3 (4.5'-5')	Solid	10/21/22 00:00	10/25/22 09:36
880-20699-10	CS-4 (4.5'-5')	Solid	10/21/22 00:00	10/25/22 09:36
880-20699-11	CS-5 (4.5'-5')	Solid	10/21/22 00:00	10/25/22 09:36
880-20699-12	CS-6 (4.5'-5')	Solid	10/21/22 00:00	10/25/22 09:36
880-20699-13	CS-7 (4.5'-5')	Solid	10/21/22 00:00	10/25/22 09:36
880-20699-14	CS-8 (4.5'-5')	Solid	10/21/22 00:00	10/25/22 09:36
880-20699-15	CS-9 (4.5'-5')	Solid	10/21/22 00:00	10/25/22 09:36
880-20699-16	CS-10 (4.5'-5')	Solid	10/21/22 00:00	10/25/22 09:36
880-20699-17	CS-11 (4.5'-5')	Solid	10/21/22 00:00	10/25/22 09:36
880-20699-18	CS-12 (4.5'-5')	Solid	10/21/22 00:00	10/25/22 09:36
880-20699-19	CS-13 (4.5'-5')	Solid	10/21/22 00:00	10/25/22 09:36
880-20699-20	CS-14 (4.5'-5')	Solid	10/21/22 00:00	10/25/22 09:36
880-20699-21	CS-15 (4.5'-5')	Solid	10/21/22 00:00	10/25/22 09:36
880-20699-22	CS-16 (4.5'-5')	Solid	10/21/22 00:00	10/25/22 09:36

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Project Manager						Conner Moehring						Bill to (if different)						Jacqui Harris						Work Order Comments					
Company Name						Carmona Resources						Company Name						COG						Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ perfund ☐					
Address.						310 W Wall St Ste 415						Address.						15 W London Rd						State of Project:					
City, State ZIP						Midland, TX 79701						City, State ZIP						Loving, NM 88256						Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐					
Phone						(432) 813-6823						Email jacqui.harris@conocophillips.com						Deliverables EDD ☐ ADAPT ☐ Other											

ANALYSIS REQUEST										Preservative Codes													
Project Name		High Brass #2H (08 07 22)		Turn Around		Pres. Code																	
Project Number		1115		☐ Routine ☒ Rush																			
Project Location		Eddy County, New Mexico		Due Date																			
Sampler's Name		MPM																					
PO #				24 Hours																			
SAMPLE RECEIPT				Temp Blank		Yes No		Wet Ice		Yes No													
Received Intact:				Yes No		Thermometer ID																	
Cooler Custody Seals				Yes No		N/A		Correction Factor		-30													
Sample Custody Seals				Yes No		N/A		Temperature Reading		0.4													
Total Containers								Corrected Temperature		0.1													

Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters		BTX 8021B		TPH 8015M (GRO + DRO + MRO)		Chloride 300 0									
SW-1 (4 5'-5')		10/21/2022		X		C	1			X		X		X									
SW-2 (4 5'-5')		10/21/2022		X		C	1			X		X		X									
SW-3 (4 5'-5')		10/21/2022		X		C	1			X		X		X									
SW-4 (4 5'-5')		10/21/2022		X		C	1			X		X		X									
SW-5 (4 5'-5')		10/21/2022		X		C	1			X		X		X									
SW-6 (4 5'-5')		10/21/2022		X		C	1			X		X		X									
CS-1 (4 5'-5')		10/21/2022		X		C	1			X		X		X									
CS-2 (4 5'-5')		10/21/2022		X		C	1			X		X		X									
CS-3 (4 5'-5')		10/21/2022		X		C	1			X		X		X									
CS-4 (4 5'-5')		10/21/2022		X		C	1			X		X		X									



880-20699 Chain of Custody

Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters		BTX 8021B		TPH 8015M (GRO + DRO + MRO)		Chloride 300 0									
SW-1 (4 5'-5')		10/21/2022		X		C	1			X		X		X									
SW-2 (4 5'-5')		10/21/2022		X		C	1			X		X		X									
SW-3 (4 5'-5')		10/21/2022		X		C	1			X		X		X									
SW-4 (4 5'-5')		10/21/2022		X		C	1			X		X		X									
SW-5 (4 5'-5')		10/21/2022		X		C	1			X		X											

Comments: email results to mcarmona@carmonaresources.com and cmoehring@carmonaresources.com

Relinquished by: (Signature)

Received by: (Signature)

Date/Time

Date/Time

2009

Page 2 of 3

Project Manager: Conner Moehring		Bill to (if different): Jacqui Harris		Work Order Comments Program: ☐UST/☐PST ☐PRP ☐Brownfields ☐RC ☐perfund ☐ State of Project: Reporting Level II ☐Level III ☐ST/UST ☐RRP ☐Level IV ☐ Deliverables EDD ☐ ADaPT ☐ Other									
Company Name: Carmona Resources		Company Name: COG											
Address: 310 W Wall St Ste 415		Address: 15 W London Rd											
City, State ZIP: Midland, TX 79701		City, State ZIP: Loving, NM 88256											
Phone: (432) 813-6823		Email: jacqui.harris@conocophillips.com											

Project Information				Turn Around				ANALYSIS REQUEST										Preservative Codes								
Project Name		High Brass #2H (08 07 22)		☐ Routine ☒ Rush		Pres. Code												None NO								
Project Number		1115		Due Date														Cool Cool								
Project Location		Eddy County, New Mexico																HCL HC								
Sampler's Name		MPM																H ₂ SO ₄ H ₂								
PO #																		H ₃ PO ₄ HP								
SAMPLE RECEIPT				Temp Blank		Yes No		Wet Ice		Yes No												NaHSO ₄ NABIS				
Received Intact:				Yes No		Thermometer ID																Na ₂ S ₂ O ₃ NaSO ₃				
Cooler Custody Seals				Yes No N/A		Correction Factor																Zn Acetate+NaOH Zn				
Sample Custody Seals				Yes No N/A		Temperature Reading																NaOH+Ascorbic Acid SAPC				
Total Containers						Corrected Temperature																				
Sample Identification				Date		Time		Soil		Water		Grab/Comp		# of Cont												Sample Comments
CS-5 (4 5'-5')				10/21/2022				X				C		1												
CS-6 (4 5'-5')				10/21/2022				X				C		1												
CS-7 (4 5'-5')				10/21/2022				X				C		1												
CS-8 (4 5'-5')				10/21/2022				X				C		1												
CS-9 (4 5'-5')				10/21/2022				X				C		1												
CS-10 (4 5'-5')				10/21/2022				X				C		1												
CS-11 (4 5'-5')				10/21/2022				X				C		1												
CS-12 (4 5'-5')				10/21/2022				X				C		1												
CS-13 (4 5'-5')				10/21/2022				X				C		1												
CS-14 (4 5'-5')				10/21/2022				X				C		1												

Comments: email results to mcarmona@carmonaresources.com and cmoehring@carmonaresources.com

Relinquished by: (Signature)

Received by: (Signature)

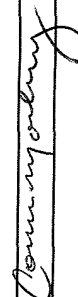
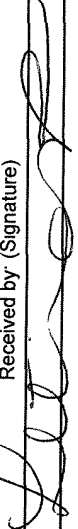
Date/Time

Date/Time

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- 14

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Work Order Comments			
Program, UST/PST	☐ PRP	☐ rownfields	☐ RC ☐ perfund
State of Project:			
Reporting Level II	☐ Level III	☐ ST/UST	☐ RRP ☐ Level IV
Deliverables EDD	☐	ADaPT	Other

Comments: email results to mcarmona@carmonaresources.com and cmoehring@carmonaresources.com	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
				
		10/25/22 930		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-20699-1

SDG Number: Eddy County, New Mexico

Login Number: 20699**List Number: 1****List Source: Eurofins Midland****Creator: Rodriguez, Leticia**

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	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 157839

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 157839
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	1/12/2023