The results set forth herein are provided by SGS North America Inc.

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Automated Report

Technical Report for

Chevron USA, Inc.

CDH: Wells Ranch USX AA13-07

REM#40521

SGS Job Number: DA76638

Sampling Date: 10/22/25

Report to:

Chevron USA, Inc.
2115 117th Avenue
Greeley, CO 80634
parna.eskandaripayandeh@sgs.com

ATTN: David Stainback

Total number of pages in report: 68

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Eric Hoffman

Client Service contact: Parna Payandeh 303-425-6021
Certifications: CO (CO00049), ND (R-027), UT (NELAP CO00049), LA (LA150028), TX (T104704511), WY (8TMS-L) HI (CO00049), NJ (CO011), NV (CO00049), AK (CO00049), CA (3076), and NC (08701)

Sections: 1 2 3 4 5 6 7 8

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Sample Summary

Chevron USA, Inc.

Job No: DA76638

CDH: Wells Ranch USX AA13-07
Project No: REM#40521

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA76638-1	10/22/25	11:11	DT	10/24/25	SO	Soil	BKG04@4.5'
DA76638-1A	10/22/25	11:11	DT	10/24/25	SO	Soil	BKG04@4.5'
DA76638-1B	10/22/25	11:11	DT	10/24/25	SO	Soil	BKG04@4.5'
DA76638-2	10/22/25	11:23	DT	10/24/25	SO	Soil	BKG05@4.5'
DA76638-2A	10/22/25	11:23	DT	10/24/25	SO	Soil	BKG05@4.5'
DA76638-2B	10/22/25	11:23	DT	10/24/25	SO	Soil	BKG05@4.5'
DA76638-3	10/22/25	11:35	DT	10/24/25	SO	Soil	BKG06@4.5'
DA76638-3A	10/22/25	11:35	DT	10/24/25	SO	Soil	BKG06@4.5'
DA76638-3B	10/22/25	11:35	DT	10/24/25	SO	Soil	BKG06@4.5'

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Job Number: DA76638
Account: Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07
Collected: 10/22/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA76638-1	**BKG04@4.5'**					
Arsenic		2.3	0.17		mg/kg	SW846 6020B
Barium		60.1	1.7		mg/kg	SW846 6020B
Copper		3.4	1.7		mg/kg	SW846 6020B
Lead		4.7	0.43		mg/kg	SW846 6020B
Nickel		3.5	1.7		mg/kg	SW846 6020B
Zinc		14.4	8.5		mg/kg	SW846 6020B
pH		7.38			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.30	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA76638-1A	**BKG04@4.5'**					
Calcium		33.7	6.0		mg/l	SW846 6010C
Magnesium		6.55	3.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		0.194			ratio	USDA HANDBOOK 60
DA76638-1B	**BKG04@4.5'**					
No hits reported in this sample.						
DA76638-2	**BKG05@4.5'**					
Arsenic		2.9	0.17		mg/kg	SW846 6020B
Barium		87.4	1.7		mg/kg	SW846 6020B
Cadmium		0.10	0.085		mg/kg	SW846 6020B
Copper		3.7	1.7		mg/kg	SW846 6020B
Lead		8.9	0.42		mg/kg	SW846 6020B
Nickel		4.1	1.7		mg/kg	SW846 6020B
Zinc		15.3	8.5		mg/kg	SW846 6020B
pH		8.02			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.24	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA76638-2A	**BKG05@4.5'**					
Calcium		40.4	6.0		mg/l	SW846 6010C
Magnesium		4.33	3.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		0.203			ratio	USDA HANDBOOK 60
DA76638-2B	**BKG05@4.5'**					
No hits reported in this sample.						

Summary of Hits

Job Number: DA76638
Account: Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07
Collected: 10/22/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA76638-3	**BKG06@4.5'**					
Arsenic		2.3	0.18		mg/kg	SW846 6020B
Barium		127	1.8		mg/kg	SW846 6020B
Cadmium		0.12	0.092		mg/kg	SW846 6020B
Copper		4.1	1.8		mg/kg	SW846 6020B
Lead		4.8	0.46		mg/kg	SW846 6020B
Nickel		4.8	1.8		mg/kg	SW846 6020B
Zinc		16.8	9.2		mg/kg	SW846 6020B
pH		7.93			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.36	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA76638-3A	**BKG06@4.5'**					
Calcium		34.0	6.0		mg/l	SW846 6010C
Magnesium		5.97	3.0		mg/l	SW846 6010C
Sodium		6.51	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		0.271			ratio	USDA HANDBOOK 60
DA76638-3B	**BKG06@4.5'**					

No hits reported in this sample.

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	BKG04@4.5'		
Lab Sample ID:	DA76638-1	**Date Sampled:**	10/22/25
Matrix:	SO - Soil	**Date Received:**	10/24/25
		Percent Solids:	97.0
Project:	CDH: Wells Ranch USX AA13-07		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.3	0.17	mg/kg	10	10/28/25	11/03/25	CDL	SW846 6020B [1]	SW846 3050B [2]
Barium	60.1	1.7	mg/kg	10	10/28/25	11/03/25	CDL	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.085	0.085	mg/kg	10	10/28/25	11/03/25	CDL	SW846 6020B [1]	SW846 3050B [2]
Copper	3.4	1.7	mg/kg	10	10/28/25	11/03/25	CDL	SW846 6020B [1]	SW846 3050B [2]
Lead	4.7	0.43	mg/kg	10	10/28/25	11/03/25	CDL	SW846 6020B [1]	SW846 3050B [2]
Nickel	3.5	1.7	mg/kg	10	10/28/25	11/03/25	CDL	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.17	0.17	mg/kg	10	10/28/25	11/03/25	CDL	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.085	0.085	mg/kg	10	10/28/25	11/03/25	CDL	SW846 6020B [1]	SW846 3050B [2]
Zinc	14.4	8.5	mg/kg	10	10/28/25	11/03/25	CDL	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19801
(2) Prep QC Batch: MP43924

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG04@4.5'		
Lab Sample ID:	DA76638-1	**Date Sampled:**	10/22/25
Matrix:	SO - Soil	**Date Received:**	10/24/25
		Percent Solids:	97.0
Project:	CDH: Wells Ranch USX AA13-07		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	97		%	1	10/27/25	LM	SM2540G-2011 M
pH-saturated paste method							
pH	7.38		su	1	10/29/25 09:52	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.30	0.0010	mmhos/cm	1	10/29/25 09:52	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.42	0.42	mg/kg	1	11/07/25 01:45	AFL	SW846 7199

(a) Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG04@4.5'		
Lab Sample ID:	DA76638-1A	**Date Sampled:**	10/22/25
Matrix:	SO - Soil	**Date Received:**	10/24/25
		Percent Solids:	97.0
Project:	CDH: Wells Ranch USX AA13-07		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	33.7	6.0	mg/l	1	10/28/25	11/07/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	6.55	3.0	mg/l	1	10/28/25	11/07/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	< 6.0	6.0	mg/l	1	10/28/25	11/07/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19815
(2) Prep QC Batch: MP43958

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG04@4.5'		
Lab Sample ID:	DA76638-1A	**Date Sampled:**	10/22/25
Matrix:	SO - Soil	**Date Received:**	10/24/25
		Percent Solids:	97.0
Project:	CDH: Wells Ranch USX AA13-07		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.194		ratio	1	11/07/25 22:54	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG04@4.5'		
Lab Sample ID:	DA76638-1B	**Date Sampled:**	10/22/25
Matrix:	SO - Soil	**Date Received:**	10/24/25
		Percent Solids:	97.0
Project:	CDH: Wells Ranch USX AA13-07		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	10/28/25	11/07/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19813
(2) Prep QC Batch: MP43923

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG05@4.5'		
Lab Sample ID:	DA76638-2	**Date Sampled:**	10/22/25
Matrix:	SO - Soil	**Date Received:**	10/24/25
		Percent Solids:	96.0
Project:	CDH: Wells Ranch USX AA13-07		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.9	0.17	mg/kg	10	10/28/25	11/03/25	CDL	SW846 6020B [1]	SW846 3050B [2]
Barium	87.4	1.7	mg/kg	10	10/28/25	11/03/25	CDL	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.10	0.085	mg/kg	10	10/28/25	11/03/25	CDL	SW846 6020B [1]	SW846 3050B [2]
Copper	3.7	1.7	mg/kg	10	10/28/25	11/03/25	CDL	SW846 6020B [1]	SW846 3050B [2]
Lead	8.9	0.42	mg/kg	10	10/28/25	11/03/25	CDL	SW846 6020B [1]	SW846 3050B [2]
Nickel	4.1	1.7	mg/kg	10	10/28/25	11/03/25	CDL	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.17	0.17	mg/kg	10	10/28/25	11/03/25	CDL	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.085	0.085	mg/kg	10	10/28/25	11/03/25	CDL	SW846 6020B [1]	SW846 3050B [2]
Zinc	15.3	8.5	mg/kg	10	10/28/25	11/03/25	CDL	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19801
(2) Prep QC Batch: MP43924

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG05@4.5'		
Lab Sample ID:	DA76638-2	**Date Sampled:**	10/22/25
Matrix:	SO - Soil	**Date Received:**	10/24/25
		Percent Solids:	96.0
Project:	CDH: Wells Ranch USX AA13-07		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	96		%	1	10/27/25	LM	SM2540G-2011 M
pH-saturated paste method							
pH	8.02		su	1	10/29/25 09:52	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.24	0.0010	mmhos/cm	1	10/29/25 09:52	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.41	0.41	mg/kg	1	11/07/25 02:08	AFL	SW846 7199

(a) Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG05@4.5'		
Lab Sample ID:	DA76638-2A	**Date Sampled:**	10/22/25
Matrix:	SO - Soil	**Date Received:**	10/24/25
		Percent Solids:	96.0
Project:	CDH: Wells Ranch USX AA13-07		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	40.4	6.0	mg/l	1	10/28/25	10/30/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	4.33	3.0	mg/l	1	10/28/25	10/30/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	< 6.0	6.0	mg/l	1	10/28/25	10/30/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19795
(2) Prep QC Batch: MP43960

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG05@4.5'		
Lab Sample ID:	DA76638-2A	**Date Sampled:**	10/22/25
Matrix:	SO - Soil	**Date Received:**	10/24/25
		Percent Solids:	96.0
Project:	CDH: Wells Ranch USX AA13-07		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.203		ratio	1	10/30/25 21:22	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG05@4.5'		
Lab Sample ID:	DA76638-2B	**Date Sampled:**	10/22/25
Matrix:	SO - Soil	**Date Received:**	10/24/25
		Percent Solids:	96.0
Project:	CDH: Wells Ranch USX AA13-07		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	10/28/25	11/07/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19813
(2) Prep QC Batch: MP43923

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG06@4.5'		
Lab Sample ID:	DA76638-3	**Date Sampled:**	10/22/25
Matrix:	SO - Soil	**Date Received:**	10/24/25
		Percent Solids:	93.5
Project:	CDH: Wells Ranch USX AA13-07		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.3	0.18	mg/kg	10	10/28/25	11/03/25	CDL	SW846 6020B [1]	SW846 3050B [2]
Barium	127	1.8	mg/kg	10	10/28/25	11/03/25	CDL	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.12	0.092	mg/kg	10	10/28/25	11/03/25	CDL	SW846 6020B [1]	SW846 3050B [2]
Copper	4.1	1.8	mg/kg	10	10/28/25	11/03/25	CDL	SW846 6020B [1]	SW846 3050B [2]
Lead	4.8	0.46	mg/kg	10	10/28/25	11/03/25	CDL	SW846 6020B [1]	SW846 3050B [2]
Nickel	4.8	1.8	mg/kg	10	10/28/25	11/03/25	CDL	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.18	0.18	mg/kg	10	10/28/25	11/03/25	CDL	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.092	0.092	mg/kg	10	10/28/25	11/03/25	CDL	SW846 6020B [1]	SW846 3050B [2]
Zinc	16.8	9.2	mg/kg	10	10/28/25	11/03/25	CDL	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19801
(2) Prep QC Batch: MP43924

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG06@4.5'		
Lab Sample ID:	DA76638-3	**Date Sampled:**	10/22/25
Matrix:	SO - Soil	**Date Received:**	10/24/25
		Percent Solids:	93.5
Project:	CDH: Wells Ranch USX AA13-07		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	93.5		%	1	10/27/25	LM	SM2540G-2011 M
pH-saturated paste method							
pH	7.93		su	1	10/29/25 09:52	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.36	0.0010	mmhos/cm	1	10/29/25 09:52	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.43	0.43	mg/kg	1	11/07/25 02:30	AFL	SW846 7199

(a) Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG06@4.5'		
Lab Sample ID:	DA76638-3A	**Date Sampled:**	10/22/25
Matrix:	SO - Soil	**Date Received:**	10/24/25
		Percent Solids:	93.5
Project:	CDH: Wells Ranch USX AA13-07		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	34.0	6.0	mg/l	1	10/28/25	10/30/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	5.97	3.0	mg/l	1	10/28/25	10/30/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	6.51	6.0	mg/l	1	10/28/25	10/30/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19795
(2) Prep QC Batch: MP43960

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG06@4.5'		
Lab Sample ID:	DA76638-3A	**Date Sampled:**	10/22/25
Matrix:	SO - Soil	**Date Received:**	10/24/25
		Percent Solids:	93.5
Project:	CDH: Wells Ranch USX AA13-07		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.271		ratio	1	10/30/25 21:28	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG06@4.5'		
Lab Sample ID:	DA76638-3B	**Date Sampled:**	10/22/25
Matrix:	SO - Soil	**Date Received:**	10/24/25
		Percent Solids:	93.5
Project:	CDH: Wells Ranch USX AA13-07		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	10/28/25	11/07/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19813
(2) Prep QC Batch: MP43923

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

SGS North America Inc. - Wheat Ridge
4036 Youngfield Street, Wheat Ridge, CO 80033
TEL: 303-425-6021 FAX: 303-425-6854
www.sgs.com/ehsusa

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Bottle Order Control #	FED-EX Tracking #
SGS Quote #	SGS Job # DA76638

Client / Reporting Information

Company: CDH Consulting
Street:
City, State ZIP:
Project Contact: David Steinbeck
Phone:
Email: CDH Team 1
Sampler(s) Name(s): Drew Tesmer

Project Information

Project Name: Wells Ranch USX AA13-07
Street:
City, State ZIP:
Project #:
Client Purchase Order #: REM#40521
Project Manager: Lauren Hoff

Billing Information (if different from Report to)

Company: NBL-Chevron
Street Address:
City, State ZIP:
Attention:

Requested Analysis (see TEST CODE sheet)

Table 915-1 Inorganics

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB-Equipment Blank
RB - Rinse Blank
TB - Trip Blank

	Field ID / Point of Collection	Collection: Date	Collection: Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: NONE	HCl	NaOH	HNO3	H2SO4	DI Water	MEOH	ENCORE	NaHSO3	NaTSO3	LAB USE ONLY
1	BKG04@4.5'	10/11/15	11:11	DT	SO	3	X										
2	BKG05@4.5'	10/11/15	11:23	DT	SO	3	X										
3	BKG06@4.5'	10/11/15	11:35	DT	SO	3	X										

Turnaround Time (Business days)

- [x] Standard 10 Business Days
- [ ] 5 Business Days RUSH
- [ ] 3 Business Days RUSH
- [ ] 2 Business Days RUSH
- [ ] 1 Business Day EMERGENC

Special Reporting Instructions
- [ ] Report in PPB
- [ ] Report in PPM
- [ ] Report MDLs

Emergency & Rush T/A data available via LabLink. RUSH TAT approval needed

Data Deliverable Information

- [ ] Commercial "A" (Level 1, Results Only)
- [ ] Commercial "B" (Level 2, Results + QC Summary)
- [ ] COMMBN (Results/QC/Narrative)
- [ ] COMMBN+ [Results/QC/Narrative (+ chromatograms)]
- [ ] REDT2
- [ ] FULT1
- [ ] EDD Format

Comments / Special Instructions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date/Time:	Received By:	Relinquished By:	Date/Time:	Received By:
1	10/11/15 15:09	1	2		2
Relinquished by Sampler:	Date/Time:	Received By:	Relinquished By:	Date/Time:	Received By:
3		3	4		4

Custody Seal # | Intact [x] | Not Intact [ ] | Absent [ ]
Preserved where applicable [x] | Cooler Temp. °C: 4.0 | Therm. ID: DT2R | On Ice [x]

http://www.sgs.com/en/terms-and-conditions

EHSA-QAC-0027-00-FORM-Wheat Ridge - DW COC, Rev. Date: 4/10/18

SGS Sample Receipt Summary

Job Number: da76638 **Client:** CDH **Project:** WELLS RANCH USX AA13-07

Date / Time Received: 10/24/2025 6:40:00 PM **Delivery Method:** co **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (4.0);

Cooler Temps (Corrected) °C: Cooler 1: (4.0);

Cooler Information	Y	or	N
1. Custody Seals Present:	☑		☐
2. Custody Seals Intact:	☑		☐
3. Temp criteria achieved:	☑		☐
4. Cooler temp verification:	IR Gun		
5. Cooler media:	Ice (Bag)		

Trip Blank Information	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑

	W	or	S	N/A
3. Type of TB Received:	☐		☐	☑

Sample Information	Y	or	N	N/A
1. Sample labels present on bottles:	☑		☐	
2. Samples presented properly:	☑		☐	
3. Suffiient volume/containers recv'd for analysis:	☑		☐	
4. Condition of sample:	Intact			
5. Sample recv'd within HT:	☑		☐	
6. Dates/Times/IDs on COC match sample label:	☑		☐	
7. VOCs have headspace:	☐		☐	☑
8. Bottles received for unspecified tests:	☐		☑	
9. Compositing instructions clear:	☐		☐	☑
10. Voa Soil Kits/Jars received past 48hrs?	☐		☐	☑
11. % Solids Jar Received?	☐		☑	☐

Misc Information

Number of Encores: 25 Gram 5 Gram

Number of Lab Filtered Metals:

Test Strip Lot #s: pH 0-3: pH 10-12: Other: (Specify)

Residual Chlorine Test Strip Lot #

Comments

SM001
Rev. Date 05/04/17

Technician: TERRIM Date: 10/24/2025 6:46:57 PM Reviewer: Date:

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA76638
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07

QC Batch ID: MP43923
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/28/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	500	9.9	75		
Antimony	150	30	34		
Arsenic	130	11	23		
Barium	50	.95	6.5		
Beryllium	50	.5	6.5		
Boron	250	6.3	32	4.5	<250
Cadmium	50	1.1	6.5		
Calcium	2000	28	250		
Chromium	50	3.4	6.5		
Cobalt	25	4.1	3.2		
Copper	50	2.5	6.5		
Iron	350	9.3	60		
Lead	250	21	32		
Lithium	25	10	6.5		
Magnesium	1000	35	130		
Manganese	25	.85	3.2		
Molybdenum	50	13	14		
Nickel	150	5.7	19		
Phosphorus	500	58	80		
Potassium	5000	180	630		
Selenium	250	46	110		
Silicon	1000	210	750		
Silver	150	2.8	19		
Sodium	2000	43	250		
Strontium	25	.5	3.2		
Thallium	50	30	22		
Tin	300	17	260		
Titanium	50	2.2	6.5		
Uranium	250	57	43		
Vanadium	50	5.2	6.5		
Zinc	150	3.4	19		

Associated samples MP43923: DA76638-1B, DA76638-2B, DA76638-3B

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA76638
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07

QC Batch ID: MP43923
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/28/25

Metal	RL	IDL	MDL	MB raw	final

(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76638
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07

QC Batch ID: MP43923
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:			10/28/25					10/28/25	
Metal	DA76640-2B Original	DUP	RPD	QC Limits	DA76640-2B Original	MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Boron	526	500	5.1	0-20	526	10900	10000	103.7	75-125
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Lithium									
Magnesium									
Manganese									
Molybdenum									
Nickel									
Phosphorus									
Potassium									
Selenium									
Silicon									
Silver									
Sodium									
Strontium									
Thallium									
Tin									
Titanium									
Uranium									
Vanadium									
Zinc									

Associated samples MP43923: DA76638-1B, DA76638-2B, DA76638-3B

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76638
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07

QC Batch ID: MP43923
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/28/25 10/28/25

Metal	DA76640-2B Original DUP	RPD	QC Limits	DA76640-2B Original MS	Spikelot ICPALL6	% Rec	QC Limits

(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76638
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07

QC Batch ID: MP43923
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/28/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	8500	10000	85.0	80-120
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP43923: DA76638-1B, DA76638-2B, DA76638-3B

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76638
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07

QC Batch ID: MP43923
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/28/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76638
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07

QC Batch ID: MP43923
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/28/25

Metal	DA76640-2B Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	105	126	19.7*(a)	0-10
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP43923: DA76638-1B, DA76638-2B, DA76638-3B

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76638
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07

QC Batch ID: MP43923
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/28/25

	DA76640-2B		QC
Metal	Original SDL 1:5	%DIF	Limits

(anr) Analyte not requested
(a) Serial dilution indicates possible matrix interference.

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA76638
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07

QC Batch ID: MP43924
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 10/28/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	.52	5		
Antimony	0.40	.01	.05		
Arsenic	0.20	.05	.05	0.072	<0.20
Barium	2.0	.096	.24	0.17	<2.0
Beryllium	0.20	.077	.04		
Boron	40	18	10		
Cadmium	0.10	.03	.04	-0.0017	<0.10
Calcium	400	25	30		
Chromium	2.0	.087	.6		
Cobalt	0.20	.04	.025		
Copper	2.0	.05	.25	0.013	<2.0
Iron	20	1.6	15		
Lead	0.50	.094	.2	0.024	<0.50
Magnesium	100	10	10		
Manganese	1.0	.079	.2		
Molybdenum	1.0	.037	.27		
Nickel	2.0	.098	.2	-0.44	<2.0
Phosphorus	60	7.6	25		
Potassium	200	2	25		
Selenium	0.20	.05	.05	0.028	<0.20
Silver	0.10	.0081	.03	0.0032	<0.10
Sodium	500	10	30		
Strontium	20	.1	1		
Thallium	0.20	.032	.04		
Tin	10	.22	4		
Titanium	2.0	.05	.3		
Uranium	0.20	.015	.1		
Vanadium	1.0	.14	.2		
Zinc	10	.05	1	0.23	<10

Associated samples MP43924: DA76638-1, DA76638-2, DA76638-3

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76638
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07

QC Batch ID: MP43924
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 10/28/25

Metal	DA76613-22C Original	MS	Spikelot ICPMS6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	2.0	64.8	68	92.4	75-125
Barium	73.0	202	136	95.2	75-125
Beryllium					
Boron					
Cadmium	0.14	33.9	34	99.3	75-125
Calcium					
Chromium					
Cobalt					
Copper	12.1	46.7	34	102.1	75-125
Iron					
Lead	5.6	72.6	68	98.7	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel	5.4	37.7	34	95.0	75-125
Phosphorus					
Potassium					
Selenium	0.16	62.9	68	92.3	75-125
Silver	0.030	13.6	13.6	99.8	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	29.5	72.6	34	127.4N(a	75-125

Associated samples MP43924: DA76638-1, DA76638-2, DA76638-3

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76638
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07

QC Batch ID: MP43924 Methods: SW846 6020B
Matrix Type: SOLID Units: mg/kg

Prep Date: 10/28/25

Metal	DA76613-22C Original	MSD	Spikelot ICPMS6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	2.0	80.7	83.6	94.1	21.9 (a)	20
Barium	73.0	227	167	92.4	11.7	20
Beryllium						
Boron						
Cadmium	0.14	42.5	41.8	101.3	22.5 (a)	20
Calcium						
Chromium						
Cobalt						
Copper	12.1	55.5	41.8	104.0	17.2	20
Iron						
Lead	5.6	90.6	83.6	101.8	22.1 (a)	20
Magnesium						
Manganese						
Molybdenum						
Nickel	5.4	45.9	41.8	96.9	19.6	20
Phosphorus						
Potassium						
Selenium	0.16	77.5	83.6	92.5	20.8 (a)	20
Silver	0.030	16.8	16.7	100.2	21.1 (a)	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc	29.5	78.9	41.8	118.6	8.3	20

Associated samples MP43924: DA76638-1, DA76638-2, DA76638-3

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) High RPD due to possible sample nonhomogeneity.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76638
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07

QC Batch ID: MP43924
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 10/28/25

Metal	BSP Result	Spikelot ICPMS6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	97.8	100	97.8	80-120
Barium	194	200	97.0	80-120
Beryllium				
Boron				
Cadmium	50.0	50	100.0	80-120
Calcium				
Chromium				
Cobalt				
Copper	50.9	50	101.8	80-120
Iron				
Lead	100	100	100.0	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel	49.4	50	98.8	80-120
Phosphorus				
Potassium				
Selenium	97.3	100	97.3	80-120
Silver	20.0	20	100.0	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	49.5	50	99.0	80-120

Associated samples MP43924: DA76638-1, DA76638-2, DA76638-3

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76638
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07

QC Batch ID: MP43924
Matrix Type: SOLID

Methods: SW846 6020B
Units: ug/l

Prep Date: 10/28/25

Metal	DA76613-22C Original	SDL 10:50%DIF		QC Limits
Aluminum				
Antimony				
Arsenic	35.0	34.5	1.9	0-20
Barium	1270	1270	0.4	0-20
Beryllium				
Boron				
Cadmium	2.36	2.11	10.1	0-20
Calcium				
Chromium				
Cobalt				
Copper	212	214	2.0	0-20
Iron				
Lead	97.2	96.7	0.1	0-20
Magnesium				
Manganese				
Molybdenum				
Nickel	93.8	76.5	18.3	0-20
Phosphorus				
Potassium				
Selenium	2.87	2.84	11.4	0-20
Silver	0.521	0.520	12.5	0-20
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	515	526	2.7	0-20

Associated samples MP43924: DA76638-1, DA76638-2, DA76638-3

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA76638
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07

QC Batch ID: MP43958
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/28/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	1500	30	230		
Antimony	450	90	100		
Arsenic	380	34	69		
Barium	150	2.9	20		
Beryllium	150	1.5	20		
Boron	750	19	95		
Cadmium	150	3.2	20		
Calcium	6000	84	750	249	<6000
Chromium	150	10	20		
Cobalt	75	12	9.5		
Copper	150	7.4	20		
Iron	1100	28	180		
Lead	750	63	95		
Lithium	75	30	20		
Magnesium	3000	110	380	284	<3000
Manganese	75	2.6	9.5		
Molybdenum	150	38	42		
Nickel	450	17	57		
Phosphorus	1500	170	240		
Potassium	15000	540	1900		
Selenium	750	140	320		
Silicon	3000	620	2300		
Silver	450	8.4	57		
Sodium	6000	130	750	7.5	<6000
Strontium	75	1.5	9.5		
Thallium	150	91	65		
Tin	900	51	770		
Titanium	150	6.5	20		
Uranium	750	170	130		
Vanadium	150	15	20		
Zinc	450	10	57		

Associated samples MP43958: DA76638-1A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA76638
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07

QC Batch ID: MP43958
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/28/25

Metal	RL	IDL	MDL	MB raw	final

(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76638
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07

QC Batch ID: MP43958
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/28/25

Metal	DA76633-11A Original	MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Boron					
Cadmium					
Calcium	175000	540000	375000	97.3	75-125
Chromium					
Cobalt					
Copper					
Iron					
Lead					
Lithium					
Magnesium	100000	477000	375000	100.5	75-125
Manganese					
Molybdenum					
Nickel					
Phosphorus					
Potassium					
Selenium					
Silicon					
Silver					
Sodium	32600	388000	375000	94.8	75-125
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc					

Associated samples MP43958: DA76638-1A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76638
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07

QC Batch ID: MP43958
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/28/25

	DA76633-11A	Spikelot		QC
Metal	Original MS	ICPALL6	% Rec	Limits

(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76638
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07

QC Batch ID: MP43958 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/28/25

Metal	DA76633-11A Original	MSD	Spikelot ICPALL6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium	175000	523000	375000	92.8	3.2	20
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Lithium						
Magnesium	100000	461000	375000	96.3	3.4	20
Manganese						
Molybdenum						
Nickel						
Phosphorus						
Potassium						
Selenium						
Silicon						
Silver						
Sodium	32600	372000	375000	90.5	4.2	20
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc						

Associated samples MP43958: DA76638-1A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76638
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07

QC Batch ID: MP43958
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/28/25

Metal	DA76633-11A Original MSD	Spikelot ICPALL6 % Rec	MSD RPD	QC Limit

(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76638
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07

QC Batch ID: MP43958
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/28/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	362000	375000	96.5	80-120
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	374000	375000	99.7	80-120
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	363000	375000	96.8	80-120
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP43958: DA76638-1A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76638
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07

QC Batch ID: MP43958
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/28/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76638
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07

QC Batch ID: MP43958
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/28/25

Metal	DA76633-11A Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	11700	12000	2.9	0-10
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	6680	6820	2.1	0-10
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	2180	2200	1.2	0-10
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP43958: DA76638-1A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76638
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07

QC Batch ID: MP43958
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/28/25

	DA76633-11A		QC
Metal	Original SDL 1:5	%DIF	Limits

(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA76638
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07

QC Batch ID: MP43960
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/28/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	1500	30	230		
Antimony	450	90	100		
Arsenic	380	34	69		
Barium	150	2.9	20		
Beryllium	150	1.5	20		
Boron	750	19	95		
Cadmium	150	3.2	20		
Calcium	6000	84	750	263	<6000
Chromium	150	10	20		
Cobalt	75	12	9.5		
Copper	150	7.4	20		
Iron	1100	28	180		
Lead	750	63	95		
Lithium	75	30	20		
Magnesium	3000	110	380	79.5	<3000
Manganese	75	2.6	9.5		
Molybdenum	150	38	42		
Nickel	450	17	57		
Phosphorus	1500	170	240		
Potassium	15000	540	1900		
Selenium	750	140	320		
Silicon	3000	620	2300		
Silver	450	8.4	57		
Sodium	6000	130	750	1780	<6000
Strontium	75	1.5	9.5		
Thallium	150	91	65		
Tin	900	51	770		
Titanium	150	6.5	20		
Uranium	750	170	130		
Vanadium	150	15	20		
Zinc	450	10	57		

Associated samples MP43960: DA76638-2A, DA76638-3A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA76638
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07

QC Batch ID: MP43960
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/28/25

Metal	RL	IDL	MDL	MB raw	final

(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76638
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07

QC Batch ID: MP43960
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/28/25

Metal	DA76638-2A Original MS		Spikelot ICPALL6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Boron					
Cadmium					
Calcium	40400	403000	375000	96.7	75-125
Chromium					
Cobalt					
Copper					
Iron					
Lead					
Lithium					
Magnesium	4330	381000	375000	100.4	75-125
Manganese					
Molybdenum					
Nickel					
Phosphorus					
Potassium					
Selenium					
Silicon					
Silver					
Sodium	5080	364000	375000	95.7	75-125
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc					

Associated samples MP43960: DA76638-2A, DA76638-3A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76638
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07

QC Batch ID: MP43960
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/28/25

Metal	DA76638-2A Original MS	Spikelot ICPALL6	% Rec	QC Limits

(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76638
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07

QC Batch ID: MP43960 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/28/25

Metal	DA76638-2A Original	MSD	Spikelot ICPALL6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium	40400	391000	375000	93.5	3.0	20
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Lithium						
Magnesium	4330	370000	375000	97.5	2.9	20
Manganese						
Molybdenum						
Nickel						
Phosphorus						
Potassium						
Selenium						
Silicon						
Silver						
Sodium	5080	354000	375000	93.0	2.8	20
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc						

Associated samples MP43960: DA76638-2A, DA76638-3A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76638
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07

QC Batch ID: MP43960
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/28/25

Metal	DA76638-2A Original MSD	Spikelot ICPALL6 % Rec	MSD RPD	QC Limit

(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76638
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07

QC Batch ID: MP43960
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/28/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	346000	375000	92.3	80-120
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	359000	375000	95.7	80-120
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	344000	375000	91.7	80-120
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP43960: DA76638-2A, DA76638-3A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76638
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07

QC Batch ID: MP43960
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/28/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76638
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07

QC Batch ID: MP43960
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/28/25

Metal	DA76638-2A Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	2700	2680	0.4	0-10
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	289	258	10.4 (a)	0-10
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	339	750	121.4(a)	0-10
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP43960: DA76638-2A, DA76638-3A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76638
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07

QC Batch ID: MP43960
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/28/25

	DA76638-2A		QC
Metal	Original SDL 1:5	%DIF	Limits

(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA76638
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Specific Conductivity	GP39849/GN70232			mmhos/cm	1.409	1.4	102.7	90-110%

Associated Samples:
Batch GP39849: DA76638-1, DA76638-2, DA76638-3
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA76638
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Wells Ranch USX AA13-07

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Specific Conductivity	GP39849/GN70232	DA76642-6	mmhos/cm	1.0	0.99	0.1	0-20%
pH	GN70230	DA76636-6	su	8.16	8.16	0.0	0-5%

Associated Samples:
Batch GN70230: DA76638-1, DA76638-2, DA76638-3
Batch GP39849: DA76638-1, DA76638-2, DA76638-3
(*) Outside of QC limits

Misc. Forms

Custody Documents and Other Forms

(SGS Orlando, FL)

Includes the following where applicable:

- Chain of Custody

SGS

CHAIN OF CUSTODY

SGS North America Inc. - Wheat Ridge
4036 Youngfield Street, Wheat Ridge, CO 80033
TEL: 303-425-6021 FAX: 303-425-6854
www.sgs.com/ehsusa

Page 1 of 1

FED-EX Tracking #
Bottle Order Control #
SGS Quote #
SGS Job # DA76638

Client / Reporting Information

Company Name: SGS North America Inc.
Street Address: 4036 Youngfield Street
City: Wheat Ridge, State: CO, Zip: 8003:
Project Contact / E-mail: parna.eskandaripayandeh@sgs.com
Phone #: 303-425-6021
Fax #:
Sampler(s) Name(s): DT
Phone:

Project Information

Project Name: CDH: Wells Ranch USX AA13-07
Street:
City: State:
Project #:
Client Purchase Order #:
Project Manager:

Billing Information (if different from Report to)
Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

Matrix Codes: DW - Drinking Water, GW - Ground Water, WW - Water, SW - Surface Water, SO - Soil, SL- Sludge, SED-Sediment, OI - Oil, LIQ - Other Liquid, AIR - Air, SOL - Other Solid, WP - Wipe, FB-Field Blank, EB-Equipment Blank, RB- Rinse Blank, TB-Trip Blank

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	XCRA7199	LAB USE ONLY
1	BKG04@4.5'		10/22/25	11:11:00 AM	DT	SO										X	
2	BKG05@4.5'		10/22/25	11:23:00 AM	DT	SO										X	
3	BKG06@4.5'		10/22/25	11:35:00 AM	DT	SO										X	

Turnaround Time (Business days)

Approved By (SGS PM): / Date:

- ☐ Standard 10 Day (business)
- ☐ 5 Business Days RUSH
- ☐ 3 Business Days RUSH
- ☐ 2 Business Days RUSH
- ☐ 1 Business Day EMERGENCY
- ☒ other Due 11/7/2025

Emergency & Rush T/A data available via Lablink Approval needed for RUSH/Emergency TAT

Data Deliverable Information

- ☐ Commercial "A" (Level 1)
- ☐ Commercial "B" (Level 2)
- ☐ REDT1 (Level 3)
- ☐ FULT1 (Level 4)
- ☐ Commercial "C"
- ☐ State Forms
- ☐ EDD Format
- ☐ Other
- ☐
- ☒ CC

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

INITIAL ASSESSMENT
LABEL VERIFICATION

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	10-27-25	1	2	10/29/25 0930	2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	☐ Intact ☐ Not intact	Preserved where applicable ☐ Therm. ID On Ice Cooler Temp. 1.0 2.0

DA76638: Chain of Custody
Page 1 of 2
SGS Orlando, FL

SGS - Orlando Sample Receipt Summary

Job Number: da76638 **Client:** SGS CO **Project:** CDH: WELLS RANCH USX AA13-07

Date / Time Received: 10/29/2025 9:30:00 AM **Delivery Method:** FEDEX **Airbill #'s:** 744490792730

Cooler Temps (Raw Measured) °C: Cooler 1: (1.0); Cooler 2: (2.0);

Cooler Temps (Corrected) °C: Cooler 1: (1.0); Cooler 2: (2.0);

Cooler Informatio	Y	or	N
1. Custody Seals Present:	☑		☐
2. Custody Seals Intact:	☑		☐
3. Temp criteria achieved:	☑		☐
4. Cooler temp verification:	IR Gun		
5. Cooler media:	Ice (Bag)		

Trip Blank Information	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑

	W	or	S	N/A
3. Type of TB Received	☐		☐	☑

Sample Information	Y	or	N	N/A
1. Sample labels present on bottles:	☑		☐	
2. Samples presented properly	☑		☐	
3. Sufficient volume/containers recv'd for analysi	☑		☐	
4. Condition of sample:	Intact			
5. Sample recv'd within HT	☑		☐	
6. Dates/Times/IDs on COC match sample labe	☑		☐	
7. VOCs have headspace	☐		☐	☑
8. Bottles received for unspecified tests	☐		☑	
9. Compositing instructions clear	☐		☐	☑
10. Voa Soil Kits/Jars received past 48hrs?	☐		☐	☑
11. % Solids Jar Received?	☑		☐	☐
12. Residual Chlorine Present?	☐		☐	☑

Misc Information

Number of Encores: 25 Gram 5 Gram

Test Strip Lot #s: pH 0-3: _____ pH 10-12: _____

Residual Chlorine Test Strip Lot _____

Number of Lab Filtered Metals

Other: (Specify) _____ _____

Comments

Sample Receipt Summary 112723 EK Technician: ZANEB Date: 10/29/2025 3:50:17 PM Reviewer: _____ Date: _____

7.1

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DA76638: Chain of Custody

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General Chemistry

QC Data Summaries

(SGS Orlando, FL)

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA76638
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: CDH: Wells Ranch USX AA13-07

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chromium, Hexavalent	GP42180/GN2038	0.41	0.0	mg/kg	10.16	9.19	90.4	80-120%
Chromium, Hexavalent	GP42180/GN2038			mg/kg	876	799	89.7	80-120%

Associated Samples:
Batch GP42180: DA76638-1, DA76638-2, DA76638-3
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA76638
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: CDH: Wells Ranch USX AA13-07

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chromium, Hexavalent	GP42180/GN2038	DA76636-2C	mg/kg	0.0	10.76	10.4	93.2	75-125%
Chromium, Hexavalent	GP42180/GN2038	DA76636-2C	mg/kg	0.0	798	780	97.7	75-125%

Associated Samples:
Batch GP42180: DA76638-1, DA76638-2, DA76638-3
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits

MATRIX SPIKE DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA76638
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: CDH: Wells Ranch USX AA13-07

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MSD Result	RPD	QC Limit
Chromium, Hexavalent	GP42180/GN2038	DA76636-2C	mg/kg	0.0	11.01	10.4	0.0	20%

Associated Samples:
Batch GP42180: DA76638-1, DA76638-2, DA76638-3
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits