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Automated Report

Technical Report for

Chevron/Tasman

Dr Joe CC 06-09

10015

SGS Job Number: DA78688

Sampling Date: 01/13/26

Report to:

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ATTN: Eric Vonde

Total number of pages in report: **101**

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

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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)

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Table of Contents

Sections:

Table of Contents

SGS North America Inc.

Sample Summary

Chevron/Tasman

Job No: DA78688

Dr Joe CC 06-09
Project No: 10015

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA78688-1	01/13/26	10:55	PO	01/13/26	SO	Soil	FS01-B@2.5'
DA78688-1A	01/13/26	10:55	PO	01/13/26	SO	Soil	FS01-B@2.5'
DA78688-1B	01/13/26	10:55	PO	01/13/26	SO	Soil	FS01-B@2.5'
DA78688-1C	01/13/26	10:55	PO	01/13/26	SO	Soil	FS01-B@2.5'
DA78688-2	01/13/26	10:57	PO	01/13/26	SO	Soil	SS01-B@2.5'
DA78688-2A	01/13/26	10:57	PO	01/13/26	SO	Soil	SS01-B@2.5'
DA78688-2B	01/13/26	10:57	PO	01/13/26	SO	Soil	SS01-B@2.5'
DA78688-2C	01/13/26	10:57	PO	01/13/26	SO	Soil	SS01-B@2.5'
DA78688-3	01/13/26	10:59	PO	01/13/26	SO	Soil	SS02-B@2.5'
DA78688-3A	01/13/26	10:59	PO	01/13/26	SO	Soil	SS02-B@2.5'
DA78688-3B	01/13/26	10:59	PO	01/13/26	SO	Soil	SS02-B@2.5'
DA78688-3C	01/13/26	10:59	PO	01/13/26	SO	Soil	SS02-B@2.5'
DA78688-4	01/13/26	11:01	PO	01/13/26	SO	Soil	SS03-B@2.5'

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

Sample Summary
(continued)

Chevron/Tasman

Job No: DA78688

Dr Joe CC 06-09
Project No: 10015

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
DA78688-4A	01/13/26	11:01	PO	01/13/26	SO	Soil	SS03-B@2.5'
DA78688-4B	01/13/26	11:01	PO	01/13/26	SO	Soil	SS03-B@2.5'
DA78688-4C	01/13/26	11:01	PO	01/13/26	SO	Soil	SS03-B@2.5'
DA78688-5	01/13/26	11:03	PO	01/13/26	SO	Soil	SS04-B@2.5'
DA78688-5A	01/13/26	11:03	PO	01/13/26	SO	Soil	SS04-B@2.5'
DA78688-5B	01/13/26	11:03	PO	01/13/26	SO	Soil	SS04-B@2.5'
DA78688-5C	01/13/26	11:03	PO	01/13/26	SO	Soil	SS04-B@2.5'

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

Summary of Hits

Job Number: DA78688
Account: Chevron/Tasman
Project: Dr Joe CC 06-09
Collected: 01/13/26

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA78688-1	**FS01-B@2.5'**					
1,2,4-Trimethylbenzene		0.0028	0.0022		mg/kg	SW846 8260D
Fluoranthene		0.0074	0.0044		mg/kg	SW846 8270E
1-Methylnaphthalene		0.0064	0.0044		mg/kg	SW846 8270E
2-Methylnaphthalene		0.0061	0.0044		mg/kg	SW846 8270E
Pyrene		0.0048	0.0044		mg/kg	SW846 8270E
TPH-DRO (C10-C28)		7.23	4.5		mg/kg	SW846-8015C
DA78688-1A	**FS01-B@2.5'**					
Calcium		292	6.0		mg/l	SW846 6010C
Magnesium		96.6	3.0		mg/l	SW846 6010C
Sodium		407	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		5.27			ratio	USDA HANDBOOK 60
DA78688-1B	**FS01-B@2.5'**					
Boron		0.547	0.25		mg/l	SW846 6010C
DA78688-1C	**FS01-B@2.5'**					
Arsenic		2.7	0.20		mg/kg	SW846 6020B
Barium		110	2.0		mg/kg	SW846 6020B
Cadmium		0.14	0.099		mg/kg	SW846 6020B
Copper		8.9	2.0		mg/kg	SW846 6020B
Lead		7.9	0.50		mg/kg	SW846 6020B
Nickel		7.4	2.0		mg/kg	SW846 6020B
Zinc		28.9	9.9		mg/kg	SW846 6020B
pH		7.70			su	WREP-125,4E-SATPASTE
Specific Conductivity		3.4	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78688-2	**SS01-B@2.5'**					
No hits reported in this sample.						
DA78688-2A	**SS01-B@2.5'**					
Calcium		166	6.0		mg/l	SW846 6010C
Magnesium		53.3	3.0		mg/l	SW846 6010C
Sodium		86.1	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		1.49			ratio	USDA HANDBOOK 60

Summary of Hits

Job Number: DA78688
Account: Chevron/Tasman
Project: Dr Joe CC 06-09
Collected: 01/13/26

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA78688-2B	**SS01-B@2.5'**					
Boron		0.736	0.25		mg/l	SW846 6010C
DA78688-2C	**SS01-B@2.5'**					
Arsenic		2.1	0.23		mg/kg	SW846 6020B
Barium		69.7	2.3		mg/kg	SW846 6020B
Cadmium		0.16	0.11		mg/kg	SW846 6020B
Copper		6.9	2.3		mg/kg	SW846 6020B
Lead		6.4	0.57		mg/kg	SW846 6020B
Nickel		4.6	2.3		mg/kg	SW846 6020B
Zinc		28.1	11		mg/kg	SW846 6020B
pH		7.70			su	WREP-125,4E-SATPASTE
Specific Conductivity		1.5	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78688-3	**SS02-B@2.5'**					
No hits reported in this sample.						
DA78688-3A	**SS02-B@2.5'**					
Calcium		118	6.0		mg/l	SW846 6010C
Magnesium		39.1	3.0		mg/l	SW846 6010C
Sodium		209	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		4.26			ratio	USDA HANDBOOK 60
DA78688-3B	**SS02-B@2.5'**					
Boron		0.575	0.25		mg/l	SW846 6010C
DA78688-3C	**SS02-B@2.5'**					
Arsenic		2.9	0.20		mg/kg	SW846 6020B
Barium		98.7	2.0		mg/kg	SW846 6020B
Cadmium		0.18	0.10		mg/kg	SW846 6020B
Copper		10.5	2.0		mg/kg	SW846 6020B
Lead		9.4	0.50		mg/kg	SW846 6020B
Nickel		8.2	2.0		mg/kg	SW846 6020B
Selenium		0.22	0.20		mg/kg	SW846 6020B
Zinc		34.7	10		mg/kg	SW846 6020B
pH		7.79			su	WREP-125,4E-SATPASTE
Specific Conductivity		1.7	0.0010		mmhos/cm	SM 2510B-2011 MOD
Chromium, Hexavalent [b]		0.57	0.44		mg/kg	SW846 3060A/7199

Summary of Hits

Job Number: DA78688
Account: Chevron/Tasman
Project: Dr Joe CC 06-09
Collected: 01/13/26

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA78688-4	**SS03-B@2.5'**					
1,2,4-Trimethylbenzene [c]		5.26	0.11		mg/kg	SW846 8260D
1,3,5-Trimethylbenzene		0.156	0.0021		mg/kg	SW846 8260D
m,p-Xylene		0.0062	0.0021		mg/kg	SW846 8260D
o-Xylene		0.0035	0.0021		mg/kg	SW846 8260D
Xylene (total)		0.0097	0.0021		mg/kg	SW846 8260D
TPH-GRO (C6-C10)		4.03	0.21		mg/kg	SW846 8260D
Acenaphthene		0.295	0.0040		mg/kg	SW846 8270E
Anthracene		0.273	0.0040		mg/kg	SW846 8270E
Benzo(a)anthracene		0.618	0.0050		mg/kg	SW846 8270E
Benzo(b)fluoranthene		0.572	0.0040		mg/kg	SW846 8270E
Benzo(k)fluoranthene		0.196	0.0040		mg/kg	SW846 8270E
Benzo(a)pyrene		0.382	0.0040		mg/kg	SW846 8270E
Chrysene		0.672	0.0040		mg/kg	SW846 8270E
Dibenzo(a,h)anthracene		0.0694	0.0040		mg/kg	SW846 8270E
Fluoranthene		2.52	0.020		mg/kg	SW846 8270E
Fluorene		0.637	0.0040		mg/kg	SW846 8270E
Indeno(1,2,3-cd)pyrene		0.205	0.0040		mg/kg	SW846 8270E
1-Methylnaphthalene		3.53	0.020		mg/kg	SW846 8270E
2-Methylnaphthalene		3.55	0.020		mg/kg	SW846 8270E
Pyrene		1.41	0.0040		mg/kg	SW846 8270E
TPH-DRO (C10-C28)		3730	43		mg/kg	SW846-8015C
TPH-ORO (> C28-C36)		1450	64		mg/kg	SW846-8015C
DA78688-4A	**SS03-B@2.5'**					
Calcium		132	6.0		mg/l	SW846 6010C
Magnesium		37.0	3.0		mg/l	SW846 6010C
Sodium		253	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		5.01			ratio	USDA HANDBOOK 60
DA78688-4B	**SS03-B@2.5'**					
No hits reported in this sample.						
DA78688-4C	**SS03-B@2.5'**					
Arsenic		1.9	0.19		mg/kg	SW846 6020B
Barium		62.8	1.9		mg/kg	SW846 6020B
Cadmium		0.11	0.097		mg/kg	SW846 6020B
Copper		5.3	1.9		mg/kg	SW846 6020B
Lead		5.1	0.48		mg/kg	SW846 6020B
Nickel		4.6	1.9		mg/kg	SW846 6020B
Zinc		18.3	9.7		mg/kg	SW846 6020B

Summary of Hits

Job Number: DA78688
Account: Chevron/Tasman
Project: Dr Joe CC 06-09
Collected: 01/13/26

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
pH		7.81			su	WREP-125,4E-SATPASTE
Specific Conductivity		1.8	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78688-5	**SS04-B@2.5'**					
Fluoranthene		0.0074	0.0044		mg/kg	SW846 8270E
1-Methylnaphthalene		0.0061	0.0044		mg/kg	SW846 8270E
2-Methylnaphthalene		0.0066	0.0044		mg/kg	SW846 8270E
Pyrene		0.0050	0.0044		mg/kg	SW846 8270E
TPH-DRO (C10-C28)		14.8	4.5		mg/kg	SW846-8015C
TPH-ORO (> C28-C36)		7.14	6.7		mg/kg	SW846-8015C
DA78688-5A	**SS04-B@2.5'**					
Calcium		239	6.0		mg/l	SW846 6010C
Magnesium		78.8	3.0		mg/l	SW846 6010C
Sodium		408	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		5.85			ratio	USDA HANDBOOK 60
DA78688-5B	**SS04-B@2.5'**					
Boron		0.556	0.25		mg/l	SW846 6010C
DA78688-5C	**SS04-B@2.5'**					
Arsenic		2.3	0.22		mg/kg	SW846 6020B
Barium		75.4	2.2		mg/kg	SW846 6020B
Cadmium		0.13	0.11		mg/kg	SW846 6020B
Copper		7.6	2.2		mg/kg	SW846 6020B
Lead		6.7	0.55		mg/kg	SW846 6020B
Nickel		6.4	2.2		mg/kg	SW846 6020B
Zinc		23.9	11		mg/kg	SW846 6020B
pH		7.72			su	WREP-125,4E-SATPASTE
Specific Conductivity		3.2	0.0010		mmhos/cm	SM 2510B-2011 MOD
Chromium, Hexavalent [b]		0.47	0.45		mg/kg	SW846 3060A/7199

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]
(b) Sample digested on 01/17/2026 Analysis performed at SGS Dayton, NJ.
(c) Methanol extract analysis required due to matrix interference.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	FS01-B@2.5'		
Lab Sample ID:	DA78688-1	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
Method:	SW846 8260D	**Percent Solids:**	88.2
Project:	Dr Joe CC 06-09		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V43189.D	1	01/15/26 06:56	MB	n/a	n/a	V4V2080
Run #2							

	Initial Weight	Final Volume
Run #1	5.16 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0022	0.0022	mg/kg	
108-88-3	Toluene	< 0.0022	0.0022	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	0.0028	0.0022	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
	m,p-Xylene	< 0.0022	0.0022	mg/kg	
95-47-6	o-Xylene	< 0.0022	0.0022	mg/kg	
1330-20-7	Xylene (total)	< 0.0022	0.0022	mg/kg	
	TPH-GRO (C6-C10)	< 0.22	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	92%		70-130%
17060-07-0	1,2-Dichloroethane-D4	108%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FS01-B@2.5'		
Lab Sample ID:	DA78688-1	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	88.2
Project:	Dr Joe CC 06-09		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008260.D	1	01/15/26 19:01	ZL	01/14/26 15:30	OP29791	E7G305
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0044	0.0044	mg/kg	
120-12-7	Anthracene	< 0.0044	0.0044	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0055	0.0055	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0044	0.0044	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0044	0.0044	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0044	0.0044	mg/kg	
218-01-9	Chrysene	< 0.0044	0.0044	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0044	0.0044	mg/kg	
206-44-0	Fluoranthene	0.0074	0.0044	mg/kg	
86-73-7	Fluorene	< 0.0044	0.0044	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0044	0.0044	mg/kg	
90-12-0	1-Methylnaphthalene	0.0064	0.0044	mg/kg	
91-57-6	2-Methylnaphthalene	0.0061	0.0044	mg/kg	
91-20-3	Naphthalene	< 0.0022	0.0022	mg/kg	
129-00-0	Pyrene	0.0048	0.0044	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	93%		22-138%
4165-60-0	Nitrobenzene-d5	106%		32-143%
1718-51-0	Terphenyl-d14	73%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FS01-B@2.5'		
Lab Sample ID:	DA78688-1	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	88.2
Project:	Dr Joe CC 06-09		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FH084997.D	1	01/16/26 16:37	JB	01/15/26 09:00	OP29815	GFH24071
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	7.23	4.5	mg/kg	
	TPH-ORO (> C28-C36)	< 6.8	6.8	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	106%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FS01-B@2.5'		
Lab Sample ID:	DA78688-1A	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
		Percent Solids:	88.2
Project:	Dr Joe CC 06-09		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	292	6.0	mg/l	1	01/14/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	96.6	3.0	mg/l	1	01/14/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	407	6.0	mg/l	1	01/14/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45535

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FS01-B@2.5'		
Lab Sample ID:	DA78688-1A	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
		Percent Solids:	88.2
Project:	Dr Joe CC 06-09		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	5.27		ratio	1	01/16/26 16:23	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:	FS01-B@2.5'		
Lab Sample ID:	DA78688-1B	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
		Percent Solids:	88.2
Project:	Dr Joe CC 06-09		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.547	0.25	mg/l	1	01/14/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45519

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FS01-B@2.5'		
Lab Sample ID:	DA78688-1C	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
		Percent Solids:	88.2
Project:	Dr Joe CC 06-09		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.7	0.20	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	110	2.0	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.14	0.099	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	8.9	2.0	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	7.9	0.50	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	7.4	2.0	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.20	0.20	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.099	0.099	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	28.9	9.9	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45516

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FS01-B@2.5'		
Lab Sample ID:	DA78688-1C	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
		Percent Solids:	88.2
Project:	Dr Joe CC 06-09		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.70		su	1	01/14/26 18:01	GC	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	3.4	0.0010	mmhos/cm	1	01/14/26 18:07	GC	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.45	0.45	mg/kg	1	01/24/26 00:57	ANJ	SW846 3060A/7199

(a) Sample digested on 01/17/2026 Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS01-B@2.5'		
Lab Sample ID:	DA78688-2	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
Method:	SW846 8260D	**Percent Solids:**	87.7
Project:	Dr Joe CC 06-09		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V43190.D	1	01/15/26 07:19	MB	n/a	n/a	V4V2080
Run #2							

	Initial Weight	Final Volume
Run #1	5.38 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0021	0.0021	mg/kg	
108-88-3	Toluene	< 0.0021	0.0021	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0021	0.0021	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0021	0.0021	mg/kg	
	m,p-Xylene	< 0.0021	0.0021	mg/kg	
95-47-6	o-Xylene	< 0.0021	0.0021	mg/kg	
1330-20-7	Xylene (total)	< 0.0021	0.0021	mg/kg	
	TPH-GRO (C6-C10)	< 0.21	0.21	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		70-130%
2037-26-5	Toluene-D8	94%		70-130%
460-00-4	4-Bromofluorobenzene	92%		70-130%
17060-07-0	1,2-Dichloroethane-D4	105%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SS01-B@2.5'		
Lab Sample ID:	DA78688-2	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	87.7
Project:	Dr Joe CC 06-09		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008261.D	1	01/15/26 19:21	ZL	01/14/26 15:30	OP29791	E7G305
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0045	0.0045	mg/kg	
120-12-7	Anthracene	< 0.0045	0.0045	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0056	0.0056	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0045	0.0045	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0045	0.0045	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0045	0.0045	mg/kg	
218-01-9	Chrysene	< 0.0045	0.0045	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0045	0.0045	mg/kg	
206-44-0	Fluoranthene	< 0.0045	0.0045	mg/kg	
86-73-7	Fluorene	< 0.0045	0.0045	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0045	0.0045	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0045	0.0045	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0045	0.0045	mg/kg	
91-20-3	Naphthalene	< 0.0022	0.0022	mg/kg	
129-00-0	Pyrene	< 0.0045	0.0045	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	91%		22-138%
4165-60-0	Nitrobenzene-d5	104%		32-143%
1718-51-0	Terphenyl-d14	70%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SS01-B@2.5'		
Lab Sample ID:	DA78688-2	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	87.7
Project:	Dr Joe CC 06-09		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FH084998.D	1	01/16/26 16:50	JB	01/15/26 09:00	OP29815	GFH24071
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.5	4.5	mg/kg	
	TPH-ORO (> C28-C36)	< 6.8	6.8	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	108%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SS01-B@2.5'		
Lab Sample ID:	DA78688-2A	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
		Percent Solids:	87.7
Project:	Dr Joe CC 06-09		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	166	6.0	mg/l	1	01/14/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	53.3	3.0	mg/l	1	01/14/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	86.1	6.0	mg/l	1	01/14/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45535

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS01-B@2.5'		
Lab Sample ID:	DA78688-2A	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
		Percent Solids:	87.7
Project:	Dr Joe CC 06-09		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	1.49		ratio	1	01/16/26 16:25	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:	SS01-B@2.5'		
Lab Sample ID:	DA78688-2B	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
		Percent Solids:	87.7
Project:	Dr Joe CC 06-09		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.736	0.25	mg/l	1	01/14/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45519

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS01-B@2.5'		
Lab Sample ID:	DA78688-2C	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
		Percent Solids:	87.7
Project:	Dr Joe CC 06-09		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.1	0.23	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	69.7	2.3	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.16	0.11	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	6.9	2.3	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	6.4	0.57	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	4.6	2.3	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.23	0.23	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.11	0.11	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	28.1	11	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45516

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS01-B@2.5'		
Lab Sample ID:	DA78688-2C	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
		Percent Solids:	87.7
Project:	Dr Joe CC 06-09		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.70		su	1	01/14/26 18:01	GC	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	1.5	0.0010	mmhos/cm	1	01/14/26 18:07	GC	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.47	0.47	mg/kg	1	01/24/26 01:24	ANJ	SW846 3060A/7199

(a) Sample digested on 01/17/2026 Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS02-B@2.5'		
Lab Sample ID:	DA78688-3	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
Method:	SW846 8260D	**Percent Solids:**	88.7
Project:	Dr Joe CC 06-09		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V43191.D	1	01/15/26 07:41	MB	n/a	n/a	V4V2080
Run #2							

	Initial Weight	Final Volume
Run #1	5.05 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0022	0.0022	mg/kg	
108-88-3	Toluene	< 0.0022	0.0022	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
	m,p-Xylene	< 0.0022	0.0022	mg/kg	
95-47-6	o-Xylene	< 0.0022	0.0022	mg/kg	
1330-20-7	Xylene (total)	< 0.0022	0.0022	mg/kg	
	TPH-GRO (C6-C10)	< 0.22	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		70-130%
2037-26-5	Toluene-D8	93%		70-130%
460-00-4	4-Bromofluorobenzene	88%		70-130%
17060-07-0	1,2-Dichloroethane-D4	107%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SS02-B@2.5'		
Lab Sample ID:	DA78688-3	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	88.7
Project:	Dr Joe CC 06-09		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008262.D	1	01/15/26 19:42	ZL	01/14/26 15:30	OP29791	E7G305
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0043	0.0043	mg/kg	
120-12-7	Anthracene	< 0.0043	0.0043	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0054	0.0054	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0043	0.0043	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0043	0.0043	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0043	0.0043	mg/kg	
218-01-9	Chrysene	< 0.0043	0.0043	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0043	0.0043	mg/kg	
206-44-0	Fluoranthene	< 0.0043	0.0043	mg/kg	
86-73-7	Fluorene	< 0.0043	0.0043	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0043	0.0043	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0043	0.0043	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0043	0.0043	mg/kg	
91-20-3	Naphthalene	< 0.0022	0.0022	mg/kg	
129-00-0	Pyrene	< 0.0043	0.0043	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	99%		22-138%
4165-60-0	Nitrobenzene-d5	111%		32-143%
1718-51-0	Terphenyl-d14	70%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SS02-B@2.5'		
Lab Sample ID:	DA78688-3	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	88.7
Project:	Dr Joe CC 06-09		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FH084999.D	1	01/16/26 17:03	JB	01/15/26 09:00	OP29815	GFH24071
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.4	4.4	mg/kg	
	TPH-ORO (> C28-C36)	< 6.6	6.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	101%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SS02-B@2.5'		
Lab Sample ID:	DA78688-3A	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
		Percent Solids:	88.7
Project:	Dr Joe CC 06-09		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	118	6.0	mg/l	1	01/14/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	39.1	3.0	mg/l	1	01/14/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	209	6.0	mg/l	1	01/14/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45535

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS02-B@2.5'		
Lab Sample ID:	DA78688-3A	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
		Percent Solids:	88.7
Project:	Dr Joe CC 06-09		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	4.26		ratio	1	01/16/26 16:27	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:	SS02-B@2.5'		
Lab Sample ID:	DA78688-3B	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
		Percent Solids:	88.7
Project:	Dr Joe CC 06-09		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.575	0.25	mg/l	1	01/14/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45519

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS02-B@2.5'		
Lab Sample ID:	DA78688-3C	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
		Percent Solids:	88.7
Project:	Dr Joe CC 06-09		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.9	0.20	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	98.7	2.0	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.18	0.10	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	10.5	2.0	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	9.4	0.50	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	8.2	2.0	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.22	0.20	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.10	0.10	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	34.7	10	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45516

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS02-B@2.5'		
Lab Sample ID:	DA78688-3C	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
		Percent Solids:	88.7
Project:	Dr Joe CC 06-09		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.79		su	1	01/14/26 18:01	GC	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	1.7	0.0010	mmhos/cm	1	01/14/26 18:07	GC	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	0.57	0.44	mg/kg	1	01/24/26 01:42	ANJ	SW846 3060A/7199

(a) Sample digested on 01/17/2026 Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS03-B@2.5'		
Lab Sample ID:	DA78688-4	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
Method:	SW846 8260D	**Percent Solids:**	94.1
Project:	Dr Joe CC 06-09		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V43183.D	1	01/15/26 04:41	MB	n/a	n/a	V4V2080
Run #2 [a]	5V98719.D	1	01/23/26 18:05	RT	n/a	n/a	V5V4645

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.05 g	5.0 ml	
Run #2	5.06 g	5.0 ml	100 ul

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0021	0.0021	mg/kg	
108-88-3	Toluene	< 0.0021	0.0021	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	5.26 [b]	0.11	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	0.156	0.0021	mg/kg	
	m,p-Xylene	0.0062	0.0021	mg/kg	
95-47-6	o-Xylene	0.0035	0.0021	mg/kg	
1330-20-7	Xylene (total)	0.0097	0.0021	mg/kg	
	TPH-GRO (C6-C10)	4.03	0.21	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	115%	92%	70-130%
2037-26-5	Toluene-D8	91%	98%	70-130%
460-00-4	4-Bromofluorobenzene	83%	96%	70-130%
17060-07-0	1,2-Dichloroethane-D4	106%	101%	70-130%

(a) Methanol extract analysis required due to matrix interference.
(b) Result is from Run# 2

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SS03-B@2.5'		
Lab Sample ID:	DA78688-4	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	94.1
Project:	Dr Joe CC 06-09		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008263.D	1	01/15/26 20:02	ZL	01/14/26 15:30	OP29791	E7G305
Run #2	7G008355.D	5	01/17/26 07:48	ZL	01/14/26 15:30	OP29791	E7G308

	Initial Weight	Final Volume
Run #1	5.3 g	10.0 ml
Run #2	5.3 g	10.0 ml

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	0.295	0.0040	mg/kg	
120-12-7	Anthracene	0.273	0.0040	mg/kg	
56-55-3	Benzo(a)anthracene	0.618	0.0050	mg/kg	
205-99-2	Benzo(b)fluoranthene	0.572	0.0040	mg/kg	
207-08-9	Benzo(k)fluoranthene	0.196	0.0040	mg/kg	
50-32-8	Benzo(a)pyrene	0.382	0.0040	mg/kg	
218-01-9	Chrysene	0.672	0.0040	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	0.0694	0.0040	mg/kg	
206-44-0	Fluoranthene	2.52 [a]	0.020	mg/kg	
86-73-7	Fluorene	0.637	0.0040	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	0.205	0.0040	mg/kg	
90-12-0	1-Methylnaphthalene	3.53 [a]	0.020	mg/kg	
91-57-6	2-Methylnaphthalene	3.55 [a]	0.020	mg/kg	
91-20-3	Naphthalene	< 0.0020	0.0020	mg/kg	
129-00-0	Pyrene	1.41	0.0040	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	88%	142% [b]	22-138%
4165-60-0	Nitrobenzene-d5	190% [b]	318% [b]	32-143%
1718-51-0	Terphenyl-d14	80%	1260% [b]	48-149%

(a) Result is from Run# 2
(b) Outside control limits due to matrix interference.

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SS03-B@2.5'		
Lab Sample ID:	DA78688-4	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	94.1
Project:	Dr Joe CC 06-09		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW52377.D	10	01/22/26 11:49	JB	01/15/26 09:00	OP29815	GLW1241
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	3730	43	mg/kg	
	TPH-ORO (> C28-C36)	1450	64	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	601% [a]		44-149%

(a) Outside control limits biased high due to matrix interference.

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SS03-B@2.5'		
Lab Sample ID:	DA78688-4A	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
		Percent Solids:	94.1
Project:	Dr Joe CC 06-09		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	132	6.0	mg/l	1	01/14/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	37.0	3.0	mg/l	1	01/14/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	253	6.0	mg/l	1	01/14/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45535

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS03-B@2.5'		
Lab Sample ID:	DA78688-4A	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
		Percent Solids:	94.1
Project:	Dr Joe CC 06-09		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	5.01		ratio	1	01/16/26 16:28	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:	SS03-B@2.5'		
Lab Sample ID:	DA78688-4B	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
		Percent Solids:	94.1
Project:	Dr Joe CC 06-09		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	01/14/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45519

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS03-B@2.5'		
Lab Sample ID:	DA78688-4C	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
		Percent Solids:	94.1
Project:	Dr Joe CC 06-09		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	1.9	0.19	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	62.8	1.9	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.11	0.097	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	5.3	1.9	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	5.1	0.48	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	4.6	1.9	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.19	0.19	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.097	0.097	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	18.3	9.7	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45516

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS03-B@2.5'		
Lab Sample ID:	DA78688-4C	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
		Percent Solids:	94.1
Project:	Dr Joe CC 06-09		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.81		su	1	01/14/26 18:01	GC	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	1.8	0.0010	mmhos/cm	1	01/14/26 18:07	GC	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.44	0.44	mg/kg	1	01/24/26 02:00	ANJ	SW846 3060A/7199

(a) Sample digested on 01/17/2026 Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS04-B@2.5'		
Lab Sample ID:	DA78688-5	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
Method:	SW846 8260D	**Percent Solids:**	89.5
Project:	Dr Joe CC 06-09		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V43192.D	1	01/15/26 08:03	MB	n/a	n/a	V4V2080
Run #2							

	Initial Weight	Final Volume
Run #1	5.16 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0022	0.0022	mg/kg	
108-88-3	Toluene	< 0.0022	0.0022	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
	m,p-Xylene	< 0.0022	0.0022	mg/kg	
95-47-6	o-Xylene	< 0.0022	0.0022	mg/kg	
1330-20-7	Xylene (total)	< 0.0022	0.0022	mg/kg	
	TPH-GRO (C6-C10)	< 0.22	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		70-130%
2037-26-5	Toluene-D8	94%		70-130%
460-00-4	4-Bromofluorobenzene	90%		70-130%
17060-07-0	1,2-Dichloroethane-D4	103%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SS04-B@2.5'		
Lab Sample ID:	DA78688-5	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	89.5
Project:	Dr Joe CC 06-09		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008264.D	1	01/15/26 20:22	ZL	01/14/26 15:30	OP29791	E7G305
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0044	0.0044	mg/kg	
120-12-7	Anthracene	< 0.0044	0.0044	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0055	0.0055	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0044	0.0044	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0044	0.0044	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0044	0.0044	mg/kg	
218-01-9	Chrysene	< 0.0044	0.0044	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0044	0.0044	mg/kg	
206-44-0	Fluoranthene	0.0074	0.0044	mg/kg	
86-73-7	Fluorene	< 0.0044	0.0044	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0044	0.0044	mg/kg	
90-12-0	1-Methylnaphthalene	0.0061	0.0044	mg/kg	
91-57-6	2-Methylnaphthalene	0.0066	0.0044	mg/kg	
91-20-3	Naphthalene	< 0.0022	0.0022	mg/kg	
129-00-0	Pyrene	0.0050	0.0044	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	94%		22-138%
4165-60-0	Nitrobenzene-d5	108%		32-143%
1718-51-0	Terphenyl-d14	67%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SS04-B@2.5'		
Lab Sample ID:	DA78688-5	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	89.5
Project:	Dr Joe CC 06-09		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FH085001.D	1	01/16/26 17:30	JB	01/15/26 09:00	OP29815	GFH24071
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	14.8	4.5	mg/kg	
	TPH-ORO (> C28-C36)	7.14	6.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	111%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SS04-B@2.5'		
Lab Sample ID:	DA78688-5A	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
		Percent Solids:	89.5
Project:	Dr Joe CC 06-09		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	239	6.0	mg/l	1	01/14/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	78.8	3.0	mg/l	1	01/14/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	408	6.0	mg/l	1	01/14/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45535

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS04-B@2.5'		
Lab Sample ID:	DA78688-5A	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
		Percent Solids:	89.5
Project:	Dr Joe CC 06-09		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	5.85		ratio	1	01/16/26 16:30	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:	SS04-B@2.5'		
Lab Sample ID:	DA78688-5B	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
		Percent Solids:	89.5
Project:	Dr Joe CC 06-09		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.556	0.25	mg/l	1	01/14/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45519

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS04-B@2.5'		
Lab Sample ID:	DA78688-5C	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
		Percent Solids:	89.5
Project:	Dr Joe CC 06-09		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.3	0.22	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	75.4	2.2	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.13	0.11	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	7.6	2.2	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	6.7	0.55	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	6.4	2.2	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.22	0.22	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.11	0.11	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	23.9	11	mg/kg	10	01/14/26	01/15/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45516

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS04-B@2.5'		
Lab Sample ID:	DA78688-5C	**Date Sampled:**	01/13/26
Matrix:	SO - Soil	**Date Received:**	01/13/26
		Percent Solids:	89.5
Project:	Dr Joe CC 06-09		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.72		su	1	01/14/26 18:01	GC	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	3.2	0.0010	mmhos/cm	1	01/14/26 18:07	GC	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	0.47	0.45	mg/kg	1	01/24/26 02:18	ANJ	SW846 3060A/7199

(a) Sample digested on 01/17/2026 Analysis performed at SGS Dayton, NJ.

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
www.sgs.com/ehsusa

Page 1 of 1

Bottle Order Control #:
SGS Quote #:
FED-EX Tracking #:
SGS Job # DA78688

Client / Reporting Information

Company: Tasman, Inc.
Street: 4725 Independence St.
City, State ZIP: Wheat Ridge, CO 80033
Project Contact: Eric Vonde
Phone: (303) 487-1228
Email: tas-chevron-5@tasman-geo.com / rbueu27@chevron.com / evonde@tasman-geo.com / lauren.hoff@chevron.com
Sampler(s) Name(s): P. O'BRIEN

Project Information

Project Name: DR Joe CC #6-#9
Check Box if Project Report to Division of Oil and Public Safety (OPS): ☐
Street:
City, State ZIP:
Project #: 10015
Client Purchase Order #: UWRWE-AH04#-ABW
Project Manager: Eric Vonde

Billing Information (if different from Report to)

Company: MOBILE
Street Address:
City, State ZIP:
Attention: LAUREN HOFF

Requested Analysis (see TEST CODE sheet)

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	Na2SO3	Metals - 915	VOCs - 915	TPH - 915	PAHs - 915	pH, EC, SAR, boron	TDS, Cl, SO4	Full Table 915-1	Hold	LAB USE ONLY
FS01-B @2.5'	1/13/26	1055	PO	So	3	X																X		
SS01-B @2.5'		1057																						
SS02-B @2.5'		1059																						
SS03-B @2.5'		1101																						
SS04-B @2.5'		1103																						

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
D=dissolved metals
PD=Potentially dissolved
TR=Total recoverable

Turnaround Time (Business days)

☑ 10 Business Days
☐ 5 Business Days
☐ 3 Business Days RUSH
☐ 2 Business Days RUSH
☐ 1 Business Day EMERGENCY
Emergency & Rush T/A data available via Email or LabLink. RUSH TAT approval needed.

Special Reporting Instructions
☐ Report in PPB
☐ Report in PPM
☐ Report MDLs

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 (Results/QC Summary/partial raw data)
☐ FULT1
☒ EDD Format_Tasman

Comments / Special Instructions

Metals: specify metal(s), method, and type (D, PD, TR)

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

Relinquished by Sampler/Affiliation: 1	Date/Time: 1/13/26 1535	Received By/Affiliation: 1 TASMAN FEDEX	Relinquished By/Affiliation: 2 SGS 1-13-26	Date/Time:	Received By/Affiliation: 2 1/13/26 16:"
Relinquished by/Affiliation: 3	Date/Time:	Received By/Affiliation: 3	Relinquished By/Affiliation: 4	Date/Time:	Received By/Affiliation: 4

Custody Seal #: Intact ☐ Not Intact ☐ Absent ☐
Preserved where applicable ☐ Cooler Temp. °C (corrected): 2.5 Therm. ID: DT3 On Ice ☐

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

FORM: EHSA-QAC-0027-03-FORM-Wheat Ridge - COC; RV 2/20/2025

DA78688: Chain of Custody
Page 1 of 2

SGS Sample Receipt Summary

Job Number: da78688 **Client:** TASMAN **Project:** DR JOE CC 06-09

Date / Time Received: 1/13/2026 4:10:00 PM **Delivery Method:** co **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (2.5);

Cooler Temps (Corrected) °C: Cooler 1: (2.5);

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. 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

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

Residual Chlorine Test Strip Lot _____

Number of Lab Filtered Metals

Other: (Specify) _____ _____

Comments 8260 samples will be in freezer by 7PM.

SM001
Rev. Date 05/04/17

Technician: NICOLASR Date: 1/13/2026 4:14:18 PM Reviewer: _____ Date: _____

DA78688: Chain of Custody
Page 2 of 2

MS Volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: DA78688
Account: CHEVTAS Chevron/Tasman
Project: Dr Joe CC 06-09

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V2080-MB	4V43182.D	1	01/15/26	MB	n/a	n/a	V4V2080

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA78688-1, DA78688-2, DA78688-3, DA78688-4, DA78688-5

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	ug/kg	
108-88-3	Toluene	ND	2.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/kg	
	m,p-Xylene	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	2.0	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	ug/kg	
	TPH-GRO (C6-C10)	ND	200	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	111%	70-130%
2037-26-5	Toluene-D8	93%	70-130%
460-00-4	4-Bromofluorobenzene	85%	70-130%
17060-07-0	1,2-Dichloroethane-D4	113%	70-130%

Method Blank Summary

Job Number: DA78688
Account: CHEVTAS Chevron/Tasman
Project: Dr Joe CC 06-09

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4645-MB	5V98716.D	1	01/23/26	RT	n/a	n/a	V5V4645

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA78688-4

CAS No.	Compound	Result	RL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	93%	70-130%
2037-26-5	Toluene-D8	95%	70-130%
460-00-4	4-Bromofluorobenzene	91%	70-130%
17060-07-0	1,2-Dichloroethane-D4	103%	70-130%

Method Blank Summary

Job Number: DA78688
Account: CHEVTAS Chevron/Tasman
Project: Dr Joe CC 06-09

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4645-MB [a]	5V98717.D	1	01/23/26	RT	n/a	n/a	V5V4645

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA78688-4

CAS No.	Compound	Result	RL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	100	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	91%	70-130%
2037-26-5	Toluene-D8	96%	70-130%
460-00-4	4-Bromofluorobenzene	91%	70-130%
17060-07-0	1,2-Dichloroethane-D4	97%	70-130%

(a) Methanol extract analysis required due to matrix interference.

Blank Spike Summary

Job Number: DA78688
Account: CHEVTAS Chevron/Tasman
Project: Dr Joe CC 06-09

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V2080-BS	4V43180.D	1	01/15/26	MB	n/a	n/a	V4V2080

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA78688-1, DA78688-2, DA78688-3, DA78688-4, DA78688-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	46.9	94	70-130
100-41-4	Ethylbenzene	50	51.1	102	70-130
108-88-3	Toluene	50	47.8	96	70-130
95-63-6	1,2,4-Trimethylbenzene	50	49.5	99	70-134
108-67-8	1,3,5-Trimethylbenzene	50	49.6	99	70-134
	m,p-Xylene	100	102	102	70-130
95-47-6	o-Xylene	50	53.7	107	70-136
1330-20-7	Xylene (total)	150	156	104	70-131

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	70-130%
2037-26-5	Toluene-D8	98%	70-130%
460-00-4	4-Bromofluorobenzene	107%	70-130%
17060-07-0	1,2-Dichloroethane-D4	98%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA78688
Account: CHEVTAS Chevron/Tasman
Project: Dr Joe CC 06-09

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V2080-BS	4V43181.D	1	01/15/26	MB	n/a	n/a	V4V2080

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA78688-1, DA78688-2, DA78688-3, DA78688-4, DA78688-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	2150	108	64-144

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	70-130%
2037-26-5	Toluene-D8	97%	70-130%
460-00-4	4-Bromofluorobenzene	90%	70-130%
17060-07-0	1,2-Dichloroethane-D4	96%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA78688
Account: CHEVTAS Chevron/Tasman
Project: Dr Joe CC 06-09

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4645-BS	5V98714.D	1	01/23/26	RT	n/a	n/a	V5V4645

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA78688-4

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-63-6	1,2,4-Trimethylbenzene	50	47.6	95	70-134

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	91%	70-130%
2037-26-5	Toluene-D8	98%	70-130%
460-00-4	4-Bromofluorobenzene	91%	70-130%
17060-07-0	1,2-Dichloroethane-D4	102%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA78688
Account: CHEVTAS Chevron/Tasman
Project: Dr Joe CC 06-09

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4645-BS	5V98715.D	1	01/23/26	RT	n/a	n/a	V5V4645

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA78688-4

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	88%	70-130%
2037-26-5	Toluene-D8	98%	70-130%
460-00-4	4-Bromofluorobenzene	91%	70-130%
17060-07-0	1,2-Dichloroethane-D4	96%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA78688
Account: CHEVTAS Chevron/Tasman
Project: Dr Joe CC 06-09

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA78688-4MS	4V43185.D	1	01/15/26	MB	n/a	n/a	V4V2080
DA78688-4MSD	4V43186.D	1	01/15/26	MB	n/a	n/a	V4V2080
DA78688-4	4V43183.D	1	01/15/26	MB	n/a	n/a	V4V2080

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA78688-1, DA78688-2, DA78688-3, DA78688-4, DA78688-5

CAS No.	Compound	DA78688-4 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	< 1.1		49.8	38.6	77	50	38.2	76	1	44-150/44
100-41-4	Ethylbenzene	< 2.1		49.8	40.4	81	50	38.6	77	5	41-149/49
108-88-3	Toluene	< 2.1		49.8	39.4	79	50	38.1	76	3	40-149/47
95-63-6	1,2,4-Trimethylbenzene	340	E	49.8	1380	2086* [a]	50	1370	2059* [a]	1	26-164/57
108-67-8	1,3,5-Trimethylbenzene	156		49.8	663	1017* [a]	50	650	987* [a]	2	30-161/60
	m,p-Xylene	6.2		99.7	97.0	91	100	93.8	88	3	36-152/49
95-47-6	o-Xylene	3.5		49.8	56.2	106	50	54.4	102	3	33-168/49
1330-20-7	Xylene (total)	9.7		150	153	96	150	148	92	3	36-157/49

CAS No.	Surrogate Recoveries	MS	MSD	DA78688-4	Limits
1868-53-7	Dibromofluoromethane	113%	112%	115%	70-130%
2037-26-5	Toluene-D8	100%	99%	91%	70-130%
460-00-4	4-Bromofluorobenzene	105%	99%	83%	70-130%
17060-07-0	1,2-Dichloroethane-D4	104%	108%	106%	70-130%

(a) Outside control limits due to high level in sample relative to spike amount.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA78688
Account: CHEVTAS Chevron/Tasman
Project: Dr Joe CC 06-09

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA78934-10MS	5V98723.D	1	01/23/26	RT	n/a	n/a	V5V4645
DA78934-10MSD	5V98724.D	1	01/23/26	RT	n/a	n/a	V5V4645
DA78934-10	5V98721.D	1	01/23/26	RT	n/a	n/a	V5V4645

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA78688-4

CAS No.	Compound	DA78934-10 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
95-63-6	1,2,4-Trimethylbenzene	< 2.4		59.7	52.0	87	59.3	49.6	84	5	26-164/57

CAS No.	Surrogate Recoveries	MS	MSD	DA78934-10	Limits
1868-53-7	Dibromofluoromethane	95%	91%	92%	70-130%
2037-26-5	Toluene-D8	97%	96%	96%	70-130%
460-00-4	4-Bromofluorobenzene	89%	88%	93%	70-130%
17060-07-0	1,2-Dichloroethane-D4	101%	101%	99%	70-130%

* = Outside of Control Limits.

MS Semi-volatiles

6

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: DA78688
Account: CHEVTAS Chevron/Tasman
Project: Dr Joe CC 06-09

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29791-MB	7G008241.D	1	01/15/26	ZL	01/14/26	OP29791	E7G305

The QC reported here applies to the following samples: **Method:** SW846 8270E

DA78688-1, DA78688-2, DA78688-3, DA78688-4, DA78688-5

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	4.0	ug/kg	
120-12-7	Anthracene	ND	4.0	ug/kg	
56-55-3	Benzo(a)anthracene	ND	5.0	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	4.0	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	4.0	ug/kg	
50-32-8	Benzo(a)pyrene	ND	4.0	ug/kg	
218-01-9	Chrysene	ND	4.0	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	4.0	ug/kg	
206-44-0	Fluoranthene	ND	4.0	ug/kg	
86-73-7	Fluorene	ND	4.0	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.0	ug/kg	
90-12-0	1-Methylnaphthalene	ND	4.0	ug/kg	
91-57-6	2-Methylnaphthalene	ND	4.0	ug/kg	
91-20-3	Naphthalene	ND	2.0	ug/kg	
129-00-0	Pyrene	ND	4.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
321-60-8	2-Fluorobiphenyl	102%	22-138%
4165-60-0	Nitrobenzene-d5	116%	32-143%
1718-51-0	Terphenyl-d14	93%	48-149%

Blank Spike Summary

Job Number: DA78688
Account: CHEVTAS Chevron/Tasman
Project: Dr Joe CC 06-09

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29791-BS	7G008242.D	1	01/15/26	ZL	01/14/26	OP29791	E7G305

The QC reported here applies to the following samples: **Method:** SW846 8270E

DA78688-1, DA78688-2, DA78688-3, DA78688-4, DA78688-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
83-32-9	Acenaphthene	200	200	100	46-152
120-12-7	Anthracene	200	231	116	65-147
56-55-3	Benzo(a)anthracene	200	221	111	64-144
205-99-2	Benzo(b)fluoranthene	200	218	109	70-154
207-08-9	Benzo(k)fluoranthene	200	213	107	70-158
50-32-8	Benzo(a)pyrene	200	218	109	64-159
218-01-9	Chrysene	200	224	112	70-156
53-70-3	Dibenzo(a,h)anthracene	200	229	115	63-156
206-44-0	Fluoranthene	200	264	132	62-155
86-73-7	Fluorene	200	202	101	55-151
193-39-5	Indeno(1,2,3-cd)pyrene	200	229	115	67-156
90-12-0	1-Methylnaphthalene	200	170	85	21-168
91-57-6	2-Methylnaphthalene	200	169	85	18-161
91-20-3	Naphthalene	200	159	80	2-173
129-00-0	Pyrene	200	209	105	61-158

CAS No.	Surrogate Recoveries	BSP	Limits
321-60-8	2-Fluorobiphenyl	102%	22-138%
4165-60-0	Nitrobenzene-d5	105%	32-143%
1718-51-0	Terphenyl-d14	87%	48-149%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA78688
Account: CHEVTAS Chevron/Tasman
Project: Dr Joe CC 06-09

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29791-MS	7G008243.D	1	01/15/26	ZL	01/14/26	OP29791	E7G305
OP29791-MSD	7G008244.D	1	01/15/26	ZL	01/14/26	OP29791	E7G305
DA78685-2	7G008245.D	1	01/15/26	ZL	01/14/26	OP29791	E7G305

The QC reported here applies to the following samples: **Method:** SW846 8270E

DA78688-1, DA78688-2, DA78688-3, DA78688-4, DA78688-5

CAS No.	Compound	DA78685-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	< 4.3		210	209	100	214	197	92	6	30-148/32
120-12-7	Anthracene	< 4.3		210	238	113	214	241	113	1	40-148/33
56-55-3	Benzo(a)anthracene	< 5.3		210	216	103	214	222	104	3	44-144/32
205-99-2	Benzo(b)fluoranthene	< 4.3		210	203	97	214	209	98	3	36-166/43
207-08-9	Benzo(k)fluoranthene	< 4.3		210	206	98	214	213	100	3	43-165/41
50-32-8	Benzo(a)pyrene	< 4.3		210	209	100	214	219	102	5	41-161/37
218-01-9	Chrysene	< 4.3		210	216	103	214	223	104	3	52-152/32
53-70-3	Dibenzo(a,h)anthracene	< 4.3		210	232	111	214	226	106	3	42-155/36
206-44-0	Fluoranthene	< 4.3		210	237	113	214	299	140	23	40-151/34
86-73-7	Fluorene	< 4.3		210	247	118	214	187	87	28	34-149/34
193-39-5	Indeno(1,2,3-cd)pyrene	< 4.3		210	219	104	214	224	105	2	41-156/37
90-12-0	1-Methylnaphthalene	< 4.3		210	192	92	214	161	75	18	23-149/36
91-57-6	2-Methylnaphthalene	< 4.3		210	181	86	214	161	75	12	18-144/35
91-20-3	Naphthalene	< 2.1		210	182	87	214	176	82	3	18-150/32
129-00-0	Pyrene	< 4.3		210	221	105	214	212	99	4	38-156/33

CAS No.	Surrogate Recoveries	MS	MSD	DA78685-2	Limits
321-60-8	2-Fluorobiphenyl	106%	93%	80%	22-138%
4165-60-0	Nitrobenzene-d5	125%	137%	140%	32-143%
1718-51-0	Terphenyl-d14	96%	85%	75%	48-149%

* = Outside of Control Limits.

GC/LC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: DA78688
Account: CHEVTAS Chevron/Tasman
Project: Dr Joe CC 06-09

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29815-MB	FH084989.D	1	01/16/26	JB	01/15/26	OP29815	GFH24071

The QC reported here applies to the following samples: **Method:** SW846-8015C

DA78688-1, DA78688-2, DA78688-3, DA78688-4, DA78688-5

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	ND	4.0	mg/kg	
	TPH-ORO (> C28-C36)	ND	6.0	mg/kg	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	105%	44-149%

Blank Spike Summary

Job Number: DA78688
Account: CHEVTAS Chevron/Tasman
Project: Dr Joe CC 06-09

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29815-BS1	FH084990.D	1	01/16/26	JB	01/15/26	OP29815	GFH24071

The QC reported here applies to the following samples: **Method:** SW846-8015C

DA78688-1, DA78688-2, DA78688-3, DA78688-4, DA78688-5

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-DRO (C10-C28)	200	220	110	66-130

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	108%	44-149%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA78688
Account: CHEVTAS Chevron/Tasman
Project: Dr Joe CC 06-09

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29815-BS2	FH084991.D	1	01/16/26	JB	01/15/26	OP29815	GFH24071

The QC reported here applies to the following samples: **Method:** SW846-8015C

DA78688-1, DA78688-2, DA78688-3, DA78688-4, DA78688-5

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-ORO (> C28-C36)	200	252	126	49-160

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	105%	44-149%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA78688
Account: CHEVTAS Chevron/Tasman
Project: Dr Joe CC 06-09

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29815-MS2	FH084994.D	1	01/16/26	JB	01/15/26	OP29815	GFH24071
OP29815-MSD2	FH084995.D	1	01/16/26	JB	01/15/26	OP29815	GFH24071
DA78688-1	FH084997.D	1	01/16/26	JB	01/15/26	OP29815	GFH24071

The QC reported here applies to the following samples: **Method:** SW846-8015C

DA78688-1, DA78688-2, DA78688-3, DA78688-4, DA78688-5

CAS No.	Compound	DA78688-1 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-ORO (> C28-C36)	< 6.8		227	271	120	225	268	119	1	24-189/30

CAS No.	Surrogate Recoveries	MS	MSD	DA78688-1	Limits
84-15-1	o-Terphenyl	100%	113%	106%	44-149%

* = Outside of Control Limits.

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: DA78688
Account: CHEVTAS - Chevron/Tasman
Project: Dr Joe CC 06-09

QC Batch ID: MP45516 Methods: SW846 6020B
Matrix Type: SOLID Units: mg/kg

Prep Date: 01/14/26

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	.52	5		
Antimony	0.40	.01	.05		
Arsenic	0.20	.05	.05	0.051	<0.20
Barium	2.0	.096	.24	0.097	<2.0
Beryllium	0.20	.077	.04		
Boron	40	18	10		
Cadmium	0.10	.03	.04	0.011	<0.10
Calcium	400	25	30		
Chromium	2.0	.087	.6		
Cobalt	0.20	.04	.025		
Copper	2.0	.05	.25	0.016	<2.0
Iron	20	1.6	15		
Lead	0.50	.094	.2	0.035	<0.50
Magnesium	100	10	10		
Manganese	1.0	.079	.2		
Molybdenum	1.0	.037	.27		
Nickel	2.0	.098	.2	0.12	<2.0
Phosphorus	60	7.6	25		
Potassium	200	2	25		
Selenium	0.20	.05	.05	0.019	<0.20
Silver	0.10	.0081	.03	0.0035	<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	-0.015	<10

Associated samples MP45516: DA78688-1C, DA78688-2C, DA78688-3C, DA78688-4C, DA78688-5C

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: DA78688
Account: CHEVTAS - Chevron/Tasman
Project: Dr Joe CC 06-09

QC Batch ID: MP45516
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 01/14/26

Metal	DA78688-5C Original	MS	Spikelot ICPMS6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	2.3	109	111	96.5	75-125
Barium	75.4	297	221	100.2	75-125
Beryllium					
Boron					
Cadmium	0.13	56.6	55.3	102.1	75-125
Calcium					
Chromium					
Cobalt					
Copper	7.6	63.3	55.3	100.7	75-125
Iron					
Lead	6.7	118	111	100.6	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel	6.4	61.4	55.3	99.4	75-125
Phosphorus					
Potassium					
Selenium	0.20	108	111	97.4	75-125
Silver	0.031	22.6	22.1	102.0	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	23.9	84.0	55.3	108.7	75-125

Associated samples MP45516: DA78688-1C, DA78688-2C, DA78688-3C, DA78688-4C, DA78688-5C

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78688
Account: CHEVTAS - Chevron/Tasman
Project: Dr Joe CC 06-09

QC Batch ID: MP45516 Methods: SW846 6020B
Matrix Type: SOLID Units: mg/kg

Prep Date: 01/14/26

Metal	DA78688-5C Original	MSD	Spikelot ICPMS6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	2.3	103	105	95.5	5.7	20
Barium	75.4	292	211	102.7	1.7	20
Beryllium						
Boron						
Cadmium	0.13	53.2	52.7	100.7	6.2	20
Calcium						
Chromium						
Cobalt						
Copper	7.6	60.8	52.7	100.9	4.0	20
Iron						
Lead	6.7	111	105	98.9	6.1	20
Magnesium						
Manganese						
Molybdenum						
Nickel	6.4	59.1	52.7	100.0	3.8	20
Phosphorus						
Potassium						
Selenium	0.20	101	105	95.6	6.7	20
Silver	0.031	21.4	21.1	101.4	5.5	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc	23.9	83.5	52.7	113.1	0.6	20

Associated samples MP45516: DA78688-1C, DA78688-2C, DA78688-3C, DA78688-4C, DA78688-5C

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA78688
Account: CHEVTAS - Chevron/Tasman
Project: Dr Joe CC 06-09

QC Batch ID: MP45516
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 01/14/26

Metal	BSP Result	Spikelot ICPMS6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	101	100	101.0	80-120
Barium	197	200	98.5	80-120
Beryllium				
Boron				
Cadmium	52.1	50	104.2	80-120
Calcium				
Chromium				
Cobalt				
Copper	51.7	50	103.4	80-120
Iron				
Lead	101	100	101.0	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel	51.4	50	102.8	80-120
Phosphorus				
Potassium				
Selenium	101	100	101.0	80-120
Silver	20.6	20	103.0	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	50.5	50	101.0	80-120

Associated samples MP45516: DA78688-1C, DA78688-2C, DA78688-3C, DA78688-4C, DA78688-5C

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA78688
Account: CHEVTAS - Chevron/Tasman
Project: Dr Joe CC 06-09

QC Batch ID: MP45516 Methods: SW846 6020B
Matrix Type: SOLID Units: ug/l

Prep Date: 01/14/26

Metal	DA78688-5C Original	SDL 10:50	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	20.8	22.0	5.6	0-20
Barium	688	693	0.8	0-20
Beryllium				
Boron				
Cadmium	1.20	0.00	100.0(a)	0-20
Calcium				
Chromium				
Cobalt				
Copper	69.1	69.0	0.3	0-20
Iron				
Lead	61.4	59.6	2.9	0-20
Magnesium				
Manganese				
Molybdenum				
Nickel	58.1	59.7	2.8	0-20
Phosphorus				
Potassium				
Selenium	1.79	0.00	100.0(a)	0-20
Silver	0.280	0.00	100.0(a)	0-20
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	218	212	2.8	0-20

Associated samples MP45516: DA78688-1C, DA78688-2C, DA78688-3C, DA78688-4C, DA78688-5C

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA78688
Account: CHEVTAS - Chevron/Tasman
Project: Dr Joe CC 06-09

QC Batch ID: MP45519
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/14/26

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	8.0	<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 MP45519: DA78688-1B, DA78688-2B, DA78688-3B, DA78688-4B, DA78688-5B

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA78688
Account: CHEVTAS - Chevron/Tasman
Project: Dr Joe CC 06-09

QC Batch ID: MP45519 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 01/14/26

Metal	RL	IDL	MDL	MB raw	final

(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78688
Account: CHEVTAS - Chevron/Tasman
Project: Dr Joe CC 06-09

QC Batch ID: MP45519
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:			01/14/26				01/14/26		
Metal	DA78688-5B Original	DUP	RPD	QC Limits	DA78688-5B Original	MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Boron	556	564	1.4	0-20	556	11300	10000	107.4	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 MP45519: DA78688-1B, DA78688-2B, DA78688-3B, DA78688-4B, DA78688-5B

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78688
Account: CHEVTAS - Chevron/Tasman
Project: Dr Joe CC 06-09

QC Batch ID: MP45519
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/14/26 01/14/26

Metal	DA78688-5B Original DUP	RPD	QC Limits	DA78688-5B 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: DA78688
Account: CHEVTAS - Chevron/Tasman
Project: Dr Joe CC 06-09

QC Batch ID: MP45519
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/14/26

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	9780	10000	97.8	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 MP45519: DA78688-1B, DA78688-2B, DA78688-3B, DA78688-4B, DA78688-5B

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA78688
Account: CHEVTAS - Chevron/Tasman
Project: Dr Joe CC 06-09

QC Batch ID: MP45519 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 01/14/26

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA78688
Account: CHEVTAS - Chevron/Tasman
Project: Dr Joe CC 06-09

QC Batch ID: MP45519 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 01/14/26

Metal	DA78688-5B Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	111	99.8	10.2*(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 MP45519: DA78688-1B, DA78688-2B, DA78688-3B, DA78688-4B, DA78688-5B

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA78688
Account: CHEVTAS - Chevron/Tasman
Project: Dr Joe CC 06-09

QC Batch ID: MP45519 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 01/14/26

	DA78688-5B		QC
Metal	Original SDL 1:5	%DIF	Limits

(anr) Analyte not requested
(a) RPD acceptable due to low duplicate and sample concentrations.

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA78688
Account: CHEVTAS - Chevron/Tasman
Project: Dr Joe CC 06-09

QC Batch ID: MP45535
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/14/26

Metal	RL	IDL	MDL	MB raw	final
Aluminum	1500	71	230		
Antimony	450	50	100		
Arsenic	380	68	69		
Barium	150	3	20		
Beryllium	150	2.3	20		
Boron	750	160	95		
Cadmium	150	5.3	20		
Calcium	6000	100	750	-12	<6000
Chromium	150	9.4	20		
Cobalt	75	11	9.5		
Copper	150	6.9	20		
Iron	1100	41	180		
Lead	750	64	95		
Lithium	75	7.5	20		
Magnesium	3000	330	380	-20	<3000
Manganese	75	7.3	9.5		
Molybdenum	150	29	42		
Nickel	450	23	57		
Potassium	15000	380	1900		
Selenium	750	200	320		
Silicon	3000	66	2300		
Silver	450	14	57		
Sodium	6000	67	750	-14	<6000
Strontium	75	2.1	9.5		
Thallium	150	140	65		
Tin	900	44	770		
Titanium	150	7	20		
Uranium	750	95	130		
Vanadium	150	3.9	20		
Zinc	450	12	57		

Associated samples MP45535: DA78688-1A, DA78688-2A, DA78688-3A, DA78688-4A, DA78688-5A

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: DA78688
Account: CHEVTAS - Chevron/Tasman
Project: Dr Joe CC 06-09

QC Batch ID: MP45535 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 01/14/26

Metal	DA78685-11A Original	MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Boron					
Cadmium					
Calcium	512000	909000	375000	105.9	75-125
Chromium					
Cobalt					
Copper					
Iron					
Lead					
Lithium					
Magnesium	108000	489000	375000	101.6	75-125
Manganese					
Molybdenum					
Nickel					
Potassium					
Selenium					
Silicon					
Silver					
Sodium	671000	1070000	375000	106.4	75-125
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc					

Associated samples MP45535: DA78688-1A, DA78688-2A, DA78688-3A, DA78688-4A, DA78688-5A

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78688
Account: CHEVTAS - Chevron/Tasman
Project: Dr Joe CC 06-09

QC Batch ID: MP45535 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 01/14/26

Metal	DA78685-11A Original	MSD	Spikelot ICPALL6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium	512000	889000	375000	100.5	2.2	20
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Lithium						
Magnesium	108000	475000	375000	97.9	2.9	20
Manganese						
Molybdenum						
Nickel						
Potassium						
Selenium						
Silicon						
Silver						
Sodium	671000	1050000	375000	101.1	1.9	20
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc						

Associated samples MP45535: DA78688-1A, DA78688-2A, DA78688-3A, DA78688-4A, DA78688-5A

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA78688
Account: CHEVTAS - Chevron/Tasman
Project: Dr Joe CC 06-09

QC Batch ID: MP45535
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/14/26

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	353000	375000	94.1	80-120
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	356000	375000	94.9	80-120
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	370000	375000	98.7	80-120
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP45535: DA78688-1A, DA78688-2A, DA78688-3A, DA78688-4A, DA78688-5A

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA78688
Account: CHEVTAS - Chevron/Tasman
Project: Dr Joe CC 06-09

QC Batch ID: MP45535
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/14/26

Metal	DA78685-11A Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	34100	33600	1.6	0-10
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	7170	7030	2.0	0-10
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	44700	44300	0.9	0-10
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP45535: DA78688-1A, DA78688-2A, DA78688-3A, DA78688-4A, DA78688-5A

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

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: DA78688
Account: CHEVTAS - Chevron/Tasman
Project: Dr Joe CC 06-09

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Specific Conductivity	GP40469/GN71988			mmhos/cm	1.409	1.3	93.4	90-110%

Associated Samples:
Batch GP40469: DA78688-1C, DA78688-2C, DA78688-3C, DA78688-4C, DA78688-5C
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA78688
Account: CHEVTAS - Chevron/Tasman
Project: Dr Joe CC 06-09

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Specific Conductivity	GP40469/GN71988	DA78693-33C	mmhos/cm	0.49	0.48	3.3	0-20%
pH	GN71987	DA78685-11	su	7.49	7.53	0.5	0-5%

Associated Samples:
Batch GN71987: DA78688-1C, DA78688-2C, DA78688-3C, DA78688-4C, DA78688-5C
Batch GP40469: DA78688-1C, DA78688-2C, DA78688-3C, DA78688-4C, DA78688-5C
(*) Outside of QC limits

Misc. Forms

Custody Documents and Other Forms

(SGS Dayton, NJ)

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

FED-EX Tracking # 4703-6280-2971 | Bottle Order Control #
SGS Quote # | SGS Job # DA78688

Client / Reporting Information	Project Information	Billing Information (If different from Report to)
Company Name: SGS North America Inc.	Project Name: Dr Joe CC 06-09	
Street Address: 4036 Youngfield Street	Street	Company Name
City State Zip: Wheat Ridge, CO 8003	City State	Street Address
Project Contact E-mail: joseph.rhoades@sgs.com	Project #	City State Zip
Phone # Fax #: 303-425-6021	Client Purchase Order #	Attention:
Sampler(s) Name(s) Phone: PO	Project Manager	

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	Number of preserved Bottles: HCl	MeOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	XCRA7199	LAB USE ONLY
1C	FS01-B@2.5'		1/13/26	10:55:00 AM	PO	SO										X	
2C	SS01-B@2.5'		1/13/26	10:57:00 AM	PO	SO										X	
3C	SS02-B@2.5'		1/13/26	10:59:00 AM	PO	SO										X	
4C	SS03-B@2.5'		1/13/26	11:01:00 AM	PO	SO										X	
5C	SS04-B@2.5'		1/13/26	11:03:00 AM	PO	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
- [X] other Due 1/27/2026

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
- [X] CC

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

Comments / Special Instructions

Initial Assessment AA-3A
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: 1	Date Time: 1-14-26	Received By: 1 Fedex	Relinquished By: 2 Fedex	Date Time: 01/15/26	Received By: 2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time: 10:25	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	[ ] Intact [ ] Not Intact	Preserved where applicable [ ] Therm. ID: [X] On Ice Cooler Temp. 3.4

10.1 10

DA78688: Chain of Custody
Page 1 of 2
SGS Dayton, NJ

SGS Sample Receipt Summary

Job Number: DA78688 **Client:** SGS WHEAT RIDGE CO **Project:** DR JOE CC 06-09

Date / Time Received: 1/15/2026 10:25:00 AM **Delivery Method:** FEDEX **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (3.4);

Cooler Temps (Corrected) °C: Cooler 1: (3.5);

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	IR-50	
3. Cooler media:	Ice (Bag)	
4. No. Coolers:	1	

Quality Control Preservatio	Y	N	N/A
1. Trip Blank present / cooler:	☐	☑	☐
2. Trip Blank listed on COC:	☐	☑	☐
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☐	☐	☑

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

DA78688: Chain of Custody
Page 2 of 2

General Chemistry

QC Data Summaries

(SGS Dayton, NJ)

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: DA78688
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVTAS: Dr Joe CC 06-09

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chromium, Hexavalent	GP67155/GN78651	0.40	0.0	mg/kg	40	36.3	90.8	80-120%
Chromium, Hexavalent	GP67155/GN78651			mg/kg	1130	1100	97.1	80-120%

Associated Samples:
Batch GP67155: DA78688-1C, DA78688-2C, DA78688-3C, DA78688-4C, DA78688-5C
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA78688
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVTAS: Dr Joe CC 06-09

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Chromium, Hexavalent	GP67155/GN78651	DA78683-1C	mg/kg	0.43	0.41	4.8	0-20%

Associated Samples:
Batch GP67155: DA78688-1C, DA78688-2C, DA78688-3C, DA78688-4C, DA78688-5C
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA78688
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVTAS: Dr Joe CC 06-09

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chromium, Hexavalent	GP67155/GN78651	DA78683-1C	mg/kg	0.43	46.6	33.2	70.3N(a)	75-125%
Chromium, Hexavalent	GP67155/GN78651	DA78683-1C	mg/kg	0.43	1060	931	88.1(b)	75-125%

Associated Samples:
Batch GP67155: DA78688-1C, DA78688-2C, DA78688-3C, DA78688-4C, DA78688-5C
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(a) Soluble XCR matrix spike recovery indicates possible matrix interference. GOOD post spike recovery (94.2%) on this sample.
(b) Good recovery on insoluble XCR matrix spike. See additional comments on soluble matrix spike recovery.