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

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Automated Report

Technical Report for

Chevron USA, Inc.

TASMCOA: Dr Joe CC-64N63W 6SESE

10016

SGS Job Number: DA76397

Sampling Date: 10/17/25

Report to:

Chevron USA, Inc.
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ATTN: Eric Vonde

Total number of pages in report: 153

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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SGS North America Inc.

Sample Summary

Chevron USA, Inc.

Job No: DA76397

TASMCOA: Dr Joe CC-64N63W 6SESE
Project No: 10016

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA76397-1	10/17/25	08:59	TB	10/17/25	SO	Soil	FS03-A@3'
DA76397-1A	10/17/25	08:59	TB	10/17/25	SO	Soil	FS03-A@3'
DA76397-1B	10/17/25	08:59	TB	10/17/25	SO	Soil	FS03-A@3'
DA76397-1C	10/17/25	08:59	TB	10/17/25	SO	Soil	FS03-A@3'
DA76397-2	10/17/25	09:05	TB	10/17/25	SO	Soil	SS07-A@2'
DA76397-2A	10/17/25	09:05	TB	10/17/25	SO	Soil	SS07-A@2'
DA76397-2B	10/17/25	09:05	TB	10/17/25	SO	Soil	SS07-A@2'
DA76397-2C	10/17/25	09:05	TB	10/17/25	SO	Soil	SS07-A@2'
DA76397-3	10/17/25	09:11	TB	10/17/25	SO	Soil	SS08-A@2'
DA76397-3A	10/17/25	09:11	TB	10/17/25	SO	Soil	SS08-A@2'
DA76397-3B	10/17/25	09:11	TB	10/17/25	SO	Soil	SS08-A@2'
DA76397-3C	10/17/25	09:11	TB	10/17/25	SO	Soil	SS08-A@2'
DA76397-4	10/17/25	09:14	TB	10/17/25	SO	Soil	SS09-A@2'

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

Sample Summary
(continued)

Chevron USA, Inc.

Job No: DA76397

TASMCOA: Dr Joe CC-64N63W 6SESE
Project No: 10016

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA76397-4A	10/17/25	09:14	TB	10/17/25	SO	Soil	SS09-A@2'
DA76397-4B	10/17/25	09:14	TB	10/17/25	SO	Soil	SS09-A@2'
DA76397-4C	10/17/25	09:14	TB	10/17/25	SO	Soil	SS09-A@2'
DA76397-5	10/17/25	11:39	TB	10/17/25	SO	Soil	FS04-B@3'
DA76397-5A	10/17/25	11:39	TB	10/17/25	SO	Soil	FS04-B@3'
DA76397-5B	10/17/25	11:39	TB	10/17/25	SO	Soil	FS04-B@3'
DA76397-5C	10/17/25	11:39	TB	10/17/25	SO	Soil	FS04-B@3'
DA76397-6	10/17/25	11:43	TB	10/17/25	SO	Soil	SS10-B@2'
DA76397-6A	10/17/25	11:43	TB	10/17/25	SO	Soil	SS10-B@2'
DA76397-6B	10/17/25	11:43	TB	10/17/25	SO	Soil	SS10-B@2'
DA76397-6C	10/17/25	11:43	TB	10/17/25	SO	Soil	SS10-B@2'
DA76397-7	10/17/25	11:47	TB	10/17/25	SO	Soil	SS11-B@2'
DA76397-7A	10/17/25	11:47	TB	10/17/25	SO	Soil	SS11-B@2'

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

Sample Summary
(continued)

Chevron USA, Inc.

Job No: DA76397

TASMCOA: Dr Joe CC-64N63W 6SESE
Project No: 10016

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA76397-7B	10/17/25	11:47	TB	10/17/25	SO	Soil	SS11-B@2'
DA76397-7C	10/17/25	11:47	TB	10/17/25	SO	Soil	SS11-B@2'
DA76397-8	10/17/25	11:53	TB	10/17/25	SO	Soil	SS12-B@2'
DA76397-8A	10/17/25	11:53	TB	10/17/25	SO	Soil	SS12-B@2'
DA76397-8B	10/17/25	11:53	TB	10/17/25	SO	Soil	SS12-B@2'
DA76397-8C	10/17/25	11:53	TB	10/17/25	SO	Soil	SS12-B@2'
DA76397-9	10/17/25	11:58	TB	10/17/25	SO	Soil	SS13-B@2'
DA76397-9A	10/17/25	11:58	TB	10/17/25	SO	Soil	SS13-B@2'
DA76397-9B	10/17/25	11:58	TB	10/17/25	SO	Soil	SS13-B@2'
DA76397-9C	10/17/25	11:58	TB	10/17/25	SO	Soil	SS13-B@2'

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

Summary of Hits

Job Number: DA76397
Account: Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE
Collected: 10/17/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA76397-1	**FS03-A@3'**					
No hits reported in this sample.						
DA76397-1A	**FS03-A@3'**					
Calcium		48.9	6.0		mg/l	SW846 6010C
Magnesium		8.83	3.0		mg/l	SW846 6010C
Sodium		43.7	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		1.51			ratio	USDA HANDBOOK 60
DA76397-1B	**FS03-A@3'**					
No hits reported in this sample.						
DA76397-1C	**FS03-A@3'**					
Arsenic		2.8	0.18		mg/kg	SW846 6020B
Barium		23.4	1.8		mg/kg	SW846 6020B
Copper		2.6	1.8		mg/kg	SW846 6020B
Lead		2.6	0.44		mg/kg	SW846 6020B
Zinc		8.8	8.8		mg/kg	SW846 6020B
pH		7.61			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.51	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA76397-2	**SS07-A@2'**					
No hits reported in this sample.						
DA76397-2A	**SS07-A@2'**					
Calcium		699	6.0		mg/l	SW846 6010C
Magnesium		498	3.0		mg/l	SW846 6010C
Sodium		9.29	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		0.0656			ratio	USDA HANDBOOK 60
DA76397-2B	**SS07-A@2'**					
No hits reported in this sample.						
DA76397-2C	**SS07-A@2'**					
Arsenic		2.6	0.22		mg/kg	SW846 6020B
Barium		78.7	2.2		mg/kg	SW846 6020B
Cadmium		0.15	0.11		mg/kg	SW846 6020B

Summary of Hits

Job Number: DA76397
Account: Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE
Collected: 10/17/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Copper		8.9	2.2		mg/kg	SW846 6020B
Lead		8.9	0.54		mg/kg	SW846 6020B
Nickel		5.7	2.2		mg/kg	SW846 6020B
Zinc		26.4	11		mg/kg	SW846 6020B
pH		6.75			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.26	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA76397-3	**SS08-A@2'**					
No hits reported in this sample.						
DA76397-3A	**SS08-A@2'**					
Calcium		26.1	6.0		mg/l	SW846 6010C
Magnesium		10.8	3.0		mg/l	SW846 6010C
Sodium		8.68	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		0.361			ratio	USDA HANDBOOK 60
DA76397-3B	**SS08-A@2'**					
No hits reported in this sample.						
DA76397-3C	**SS08-A@2'**					
Arsenic		3.0	0.23		mg/kg	SW846 6020B
Barium		80.3	2.3		mg/kg	SW846 6020B
Cadmium		0.12	0.11		mg/kg	SW846 6020B
Copper		8.8	2.3		mg/kg	SW846 6020B
Lead		6.6	0.57		mg/kg	SW846 6020B
Nickel		5.8	2.3		mg/kg	SW846 6020B
Zinc		26.7	11		mg/kg	SW846 6020B
pH		6.98			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.22	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA76397-4	**SS09-A@2'**					
TPH-DRO (C10-C28)		14.5	4.3		mg/kg	SW846-8015C
TPH-ORO (> C28-C36)		18.3	6.4		mg/kg	SW846-8015C
DA76397-4A	**SS09-A@2'**					
Calcium		37.2	6.0		mg/l	SW846 6010C
Magnesium		6.42	3.0		mg/l	SW846 6010C
Sodium		24.4	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		0.971			ratio	USDA HANDBOOK 60

Summary of Hits

Job Number: DA76397
Account: Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE
Collected: 10/17/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA76397-4B	**SS09-A@2'**					
No hits reported in this sample.						
DA76397-4C	**SS09-A@2'**					
Arsenic		1.7	0.20		mg/kg	SW846 6020B
Barium		46.5	2.0		mg/kg	SW846 6020B
Copper		5.0	2.0		mg/kg	SW846 6020B
Lead		3.2	0.50		mg/kg	SW846 6020B
Nickel		2.0	2.0		mg/kg	SW846 6020B
Zinc		10.9	10		mg/kg	SW846 6020B
pH		7.62			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.35	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA76397-5	**FS04-B@3'**					
No hits reported in this sample.						
DA76397-5A	**FS04-B@3'**					
Calcium		34.0	6.0		mg/l	SW846 6010C
Magnesium		5.62	3.0		mg/l	SW846 6010C
Sodium		8.69	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		0.364			ratio	USDA HANDBOOK 60
DA76397-5B	**FS04-B@3'**					
No hits reported in this sample.						
DA76397-5C	**FS04-B@3'**					
Arsenic		1.5	0.19		mg/kg	SW846 6020B
Barium		34.8	1.9		mg/kg	SW846 6020B
Copper		3.2	1.9		mg/kg	SW846 6020B
Lead		2.9	0.47		mg/kg	SW846 6020B
Nickel		1.9	1.9		mg/kg	SW846 6020B
Zinc		11.0	9.5		mg/kg	SW846 6020B
pH		7.75			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.26	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA76397-6	**SS10-B@2'**					
TPH-DRO (C10-C28)		19.6	4.2		mg/kg	SW846-8015C

Summary of Hits

Job Number: DA76397
Account: Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE
Collected: 10/17/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
TPH-ORO (> C28-C36)		24.9	6.4		mg/kg	SW846-8015C
DA76397-6A	**SS10-B@2'**					
Calcium		39.5	6.0		mg/l	SW846 6010C
Magnesium		17.5	3.0		mg/l	SW846 6010C
Sodium		17.1	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		0.569			ratio	USDA HANDBOOK 60
DA76397-6B	**SS10-B@2'**					
No hits reported in this sample.						
DA76397-6C	**SS10-B@2'**					
Arsenic		2.0	0.20		mg/kg	SW846 6020B
Barium		42.4	2.0		mg/kg	SW846 6020B
Cadmium		0.10	0.098		mg/kg	SW846 6020B
Copper		4.8	2.0		mg/kg	SW846 6020B
Lead		4.1	0.49		mg/kg	SW846 6020B
Nickel		3.5	2.0		mg/kg	SW846 6020B
Zinc		17.7	9.8		mg/kg	SW846 6020B
pH		7.96			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.20	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA76397-7	**SS11-B@2'**					
No hits reported in this sample.						
DA76397-7A	**SS11-B@2'**					
Calcium		707	6.0		mg/l	SW846 6010C
Magnesium		507	3.0		mg/l	SW846 6010C
Sodium		19.9	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		0.140			ratio	USDA HANDBOOK 60
DA76397-7B	**SS11-B@2'**					
No hits reported in this sample.						
DA76397-7C	**SS11-B@2'**					
Arsenic		3.0	0.21		mg/kg	SW846 6020B
Barium		94.6	2.1		mg/kg	SW846 6020B
Cadmium		0.16	0.11		mg/kg	SW846 6020B

Summary of Hits

Job Number: DA76397
Account: Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE
Collected: 10/17/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Copper		10.2	2.1		mg/kg	SW846 6020B
Lead		9.2	0.53		mg/kg	SW846 6020B
Nickel		6.5	2.1		mg/kg	SW846 6020B
Selenium		0.22	0.21		mg/kg	SW846 6020B
Zinc		31.8	11		mg/kg	SW846 6020B
pH		6.95			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.41	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA76397-8	**SS12-B@2'**					
TPH-DRO (C10-C28)		5.24	4.4		mg/kg	SW846-8015C
DA76397-8A	**SS12-B@2'**					
Calcium		31.8	6.0		mg/l	SW846 6010C
Magnesium		14.0	3.0		mg/l	SW846 6010C
Sodium		9.89	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		0.368			ratio	USDA HANDBOOK 60
DA76397-8B	**SS12-B@2'**					
No hits reported in this sample.						
DA76397-8C	**SS12-B@2'**					
Arsenic		2.0	0.21		mg/kg	SW846 6020B
Barium		60.3	2.1		mg/kg	SW846 6020B
Copper		6.0	2.1		mg/kg	SW846 6020B
Lead		5.1	0.53		mg/kg	SW846 6020B
Nickel		3.9	2.1		mg/kg	SW846 6020B
Zinc		19.6	11		mg/kg	SW846 6020B
pH		7.03			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.20	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA76397-9	**SS13-B@2'**					
Benzo(a)anthracene		0.0134	0.0050		mg/kg	SW846 8270E
Chrysene		0.0053	0.0040		mg/kg	SW846 8270E
Fluoranthene		0.0052	0.0040		mg/kg	SW846 8270E
Fluorene		0.0140	0.0040		mg/kg	SW846 8270E
1-Methylnaphthalene		0.0212	0.0040		mg/kg	SW846 8270E
Pyrene		0.0050	0.0040		mg/kg	SW846 8270E
TPH-DRO (C10-C28)		362	4.0		mg/kg	SW846-8015C
TPH-ORO (> C28-C36)		271	5.9		mg/kg	SW846-8015C

Summary of Hits

Job Number: DA76397
Account: Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE
Collected: 10/17/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA76397-9A	**SS13-B@2'**					
Calcium		25.9	6.0		mg/l	SW846 6010C
Magnesium		6.24	3.0		mg/l	SW846 6010C
Sodium		16.0	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		0.732			ratio	USDA HANDBOOK 60
DA76397-9B	**SS13-B@2'**					
No hits reported in this sample.						
DA76397-9C	**SS13-B@2'**					
Arsenic		2.3	0.21		mg/kg	SW846 6020B
Barium		37.5	2.1		mg/kg	SW846 6020B
Copper		4.6	2.1		mg/kg	SW846 6020B
Lead		4.0	0.51		mg/kg	SW846 6020B
Nickel		2.7	2.1		mg/kg	SW846 6020B
Zinc		14.4	10		mg/kg	SW846 6020B
pH		7.38			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.26	0.0010		mmhos/cm	SM 2510B-2011 MOD

(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:	FS03-A@3'		
Lab Sample ID:	DA76397-1	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
Method:	SW846 8260D	**Percent Solids:**	97.0
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V40249.D	1	10/17/25 23:12	MB	n/a	n/a	V4V1974
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	< 0.0010	0.0010	mg/kg	
100-41-4	Ethylbenzene	< 0.0020	0.0020	mg/kg	
108-88-3	Toluene	< 0.0020	0.0020	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0020	0.0020	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0020	0.0020	mg/kg	
	m,p-Xylene	< 0.0020	0.0020	mg/kg	
95-47-6	o-Xylene	< 0.0020	0.0020	mg/kg	
1330-20-7	Xylene (total)	< 0.0020	0.0020	mg/kg	
	TPH-GRO (C6-C10)	< 0.20	0.20	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		70-130%
2037-26-5	Toluene-D8	92%		70-130%
460-00-4	4-Bromofluorobenzene	87%		70-130%
17060-07-0	1,2-Dichloroethane-D4	104%		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:	FS03-A@3'		
Lab Sample ID:	DA76397-1	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	97.0
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6G22121.D	1	10/18/25 01:44	TH	10/17/25 15:00	OP28966	E6G830
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	< 0.0040	0.0040	mg/kg	
120-12-7	Anthracene	< 0.0040	0.0040	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0051	0.0051	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0040	0.0040	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0040	0.0040	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0040	0.0040	mg/kg	
218-01-9	Chrysene	< 0.0040	0.0040	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0040	0.0040	mg/kg	
206-44-0	Fluoranthene	< 0.0040	0.0040	mg/kg	
86-73-7	Fluorene	< 0.0040	0.0040	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0040	0.0040	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0040	0.0040	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0040	0.0040	mg/kg	
91-20-3	Naphthalene	< 0.0020	0.0020	mg/kg	
129-00-0	Pyrene	< 0.0040	0.0040	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	82%		22-138%
4165-60-0	Nitrobenzene-d5	84%		32-143%
1718-51-0	Terphenyl-d14	93%		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:	FS03-A@3'		
Lab Sample ID:	DA76397-1	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	97.0
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW48888.D	1	10/19/25 16:13	JB	10/17/25 15:00	OP28968	GLW1142
Run #2							

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

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 3.9	3.9	mg/kg	
	TPH-ORO (> C28-C36)	< 5.8	5.8	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	90%		20-142%

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:	FS03-A@3'		
Lab Sample ID:	DA76397-1A	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	97.0
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	48.9	6.0	mg/l	1	10/20/25	10/23/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	8.83	3.0	mg/l	1	10/20/25	10/23/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	43.7	6.0	mg/l	1	10/20/25	10/23/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19761
(2) Prep QC Batch: MP43758

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FS03-A@3'		
Lab Sample ID:	DA76397-1A	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	97.0
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	1.51		ratio	1	10/23/25 18:20	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:	FS03-A@3'		
Lab Sample ID:	DA76397-1B	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	97.0
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

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	10/21/25	10/21/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19752
(2) Prep QC Batch: MP43740

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FS03-A@3'		
Lab Sample ID:	DA76397-1C	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	97.0
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.8	0.18	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	23.4	1.8	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.088	0.088	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	2.6	1.8	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	2.6	0.44	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	< 1.8	1.8	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.18	0.18	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.088	0.088	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	8.8	8.8	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19745
(2) Prep QC Batch: MP43741

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FS03-A@3'		
Lab Sample ID:	DA76397-1C	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	97.0
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.61		su	1	10/20/25 13:16	SN	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.51	0.0010	mmhos/cm	1	10/20/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.48	0.48	mg/kg	1	11/18/25 17:25	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS07-A@2'		
Lab Sample ID:	DA76397-2	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
Method:	SW846 8260D	**Percent Solids:**	86.9
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V40250.D	1	10/17/25 23:34	MB	n/a	n/a	V4V1974
Run #2							

	Initial Weight	Final Volume
Run #1	5.24 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	92%		70-130%
2037-26-5	Toluene-D8	96%		70-130%
460-00-4	4-Bromofluorobenzene	90%		70-130%
17060-07-0	1,2-Dichloroethane-D4	104%		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:	SS07-A@2'		
Lab Sample ID:	DA76397-2	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	86.9
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6G22122.D	1	10/18/25 02:04	TH	10/17/25 15:00	OP28966	E6G830
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	< 0.0023	0.0023	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	69%		22-138%
4165-60-0	Nitrobenzene-d5	81%		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:	SS07-A@2'		
Lab Sample ID:	DA76397-2	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	86.9
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW48889.D	1	10/19/25 16:26	JB	10/17/25 15:00	OP28968	GLW1142
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 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	69%		20-142%

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:	SS07-A@2'		
Lab Sample ID:	DA76397-2A	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	86.9
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	699	6.0	mg/l	1	10/20/25	10/23/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	498	3.0	mg/l	1	10/20/25	10/23/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	9.29	6.0	mg/l	1	10/20/25	10/23/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19761
(2) Prep QC Batch: MP43758

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS07-A@2'		
Lab Sample ID:	DA76397-2A	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	86.9
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.0656		ratio	1	10/23/25 18:22	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:	SS07-A@2'		
Lab Sample ID:	DA76397-2B	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	86.9
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

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	10/21/25	10/21/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19752
(2) Prep QC Batch: MP43740

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS07-A@2'		
Lab Sample ID:	DA76397-2C	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	86.9
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.6	0.22	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	78.7	2.2	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.15	0.11	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	8.9	2.2	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	8.9	0.54	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	5.7	2.2	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.22	0.22	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.11	0.11	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	26.4	11	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19745
(2) Prep QC Batch: MP43741

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS07-A@2'		
Lab Sample ID:	DA76397-2C	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	86.9
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	6.75		su	1	10/20/25 13:16	SN	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.26	0.0010	mmhos/cm	1	10/20/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.54	0.54	mg/kg	1	11/18/25 17:41	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS08-A@2'		
Lab Sample ID:	DA76397-3	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
Method:	SW846 8260D	**Percent Solids:**	87.5
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V40251.D	1	10/17/25 23:56	MB	n/a	n/a	V4V1974
Run #2							

	Initial Weight	Final Volume
Run #1	5.01 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	< 0.0023	0.0023	mg/kg	
108-88-3	Toluene	< 0.0023	0.0023	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
	m,p-Xylene	< 0.0023	0.0023	mg/kg	
95-47-6	o-Xylene	< 0.0023	0.0023	mg/kg	
1330-20-7	Xylene (total)	< 0.0023	0.0023	mg/kg	
	TPH-GRO (C6-C10)	< 0.23	0.23	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	90%		70-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	90%		70-130%
17060-07-0	1,2-Dichloroethane-D4	101%		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:	SS08-A@2'		
Lab Sample ID:	DA76397-3	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	87.5
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6G22123.D	1	10/18/25 02:24	TH	10/17/25 15:00	OP28966	E6G830
Run #2							

	Initial Weight	Final Volume
Run #1	5.3 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	77%		22-138%
4165-60-0	Nitrobenzene-d5	86%		32-143%
1718-51-0	Terphenyl-d14	71%		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:	SS08-A@2'		
Lab Sample ID:	DA76397-3	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	87.5
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW48890.D	1	10/19/25 16:40	JB	10/17/25 15:00	OP28968	GLW1142
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)	< 4.5	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	63%		20-142%

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:	SS08-A@2'		
Lab Sample ID:	DA76397-3A	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	87.5
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	26.1	6.0	mg/l	1	10/20/25	10/23/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	10.8	3.0	mg/l	1	10/20/25	10/23/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	8.68	6.0	mg/l	1	10/20/25	10/23/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19761
(2) Prep QC Batch: MP43758

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS08-A@2'		
Lab Sample ID:	DA76397-3A	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	87.5
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.361		ratio	1	10/23/25 18:23	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:	SS08-A@2'		
Lab Sample ID:	DA76397-3B	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	87.5
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

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	10/21/25	10/21/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19752
(2) Prep QC Batch: MP43740

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS08-A@2'		
Lab Sample ID:	DA76397-3C	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	87.5
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.0	0.23	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	80.3	2.3	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.12	0.11	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	8.8	2.3	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	6.6	0.57	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	5.8	2.3	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.23	0.23	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.11	0.11	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	26.7	11	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19745
(2) Prep QC Batch: MP43741

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS08-A@2'		
Lab Sample ID:	DA76397-3C	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	87.5
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	6.98		su	1	10/20/25 13:16	SN	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.22	0.0010	mmhos/cm	1	10/20/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.51	0.51	mg/kg	1	11/18/25 17:57	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS09-A@2'		
Lab Sample ID:	DA76397-4	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
Method:	SW846 8260D	**Percent Solids:**	93.2
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V40252.D	1	10/18/25 00:19	MB	n/a	n/a	V4V1974
Run #2							

	Initial Weight	Final Volume
Run #1	5.18 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0010	0.0010	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	95%		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	109%		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:	SS09-A@2'		
Lab Sample ID:	DA76397-4	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	93.2
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6G22124.D	1	10/18/25 02:44	TH	10/17/25 15:00	OP28966	E6G830
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 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	< 0.0021	0.0021	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	79%		22-138%
4165-60-0	Nitrobenzene-d5	83%		32-143%
1718-51-0	Terphenyl-d14	83%		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:	SS09-A@2'		
Lab Sample ID:	DA76397-4	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	93.2
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW48891.D	1	10/19/25 16:53	JB	10/17/25 15:00	OP28968	GLW1142
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)	14.5	4.3	mg/kg	
	TPH-ORO (> C28-C36)	18.3	6.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	84%		20-142%

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:	SS09-A@2'		
Lab Sample ID:	DA76397-4A	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	93.2
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	37.2	6.0	mg/l	1	10/19/25	10/21/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	6.42	3.0	mg/l	1	10/19/25	10/21/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	24.4	6.0	mg/l	1	10/19/25	10/21/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19752
(2) Prep QC Batch: MP43751

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS09-A@2'		
Lab Sample ID:	DA76397-4A	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	93.2
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.971		ratio	1	10/21/25 13:59	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:	SS09-A@2'		
Lab Sample ID:	DA76397-4B	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	93.2
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

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	10/21/25	10/21/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19752
(2) Prep QC Batch: MP43740

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS09-A@2'		
Lab Sample ID:	DA76397-4C	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	93.2
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	1.7	0.20	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	46.5	2.0	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.10	0.10	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	5.0	2.0	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	3.2	0.50	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	2.0	2.0	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.20	0.20	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.10	0.10	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	10.9	10	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19745
(2) Prep QC Batch: MP43741

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS09-A@2'		
Lab Sample ID:	DA76397-4C	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	93.2
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.62		su	1	10/20/25 13:16	SN	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.35	0.0010	mmhos/cm	1	10/20/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.42	0.42	mg/kg	1	11/18/25 19:00	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FS04-B@3'		
Lab Sample ID:	DA76397-5	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
Method:	SW846 8260D	**Percent Solids:**	94.4
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V95651.D	1	10/18/25 06:36	MB	n/a	n/a	V5V4542
Run #2							

	Initial Weight	Final Volume
Run #1	5.28 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0010	0.0010	mg/kg	
100-41-4	Ethylbenzene	< 0.0020	0.0020	mg/kg	
108-88-3	Toluene	< 0.0020	0.0020	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0020	0.0020	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0020	0.0020	mg/kg	
	m,p-Xylene	< 0.0020	0.0020	mg/kg	
95-47-6	o-Xylene	< 0.0020	0.0020	mg/kg	
1330-20-7	Xylene (total)	< 0.0020	0.0020	mg/kg	
	TPH-GRO (C6-C10)	< 0.20	0.20	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%
17060-07-0	1,2-Dichloroethane-D4	102%		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:	FS04-B@3'		
Lab Sample ID:	DA76397-5	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	94.4
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6G22125.D	1	10/18/25 03:03	TH	10/17/25 15:00	OP28966	E6G830
Run #2							

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

COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	97%		22-138%
4165-60-0	Nitrobenzene-d5	100%		32-143%
1718-51-0	Terphenyl-d14	101%		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:	FS04-B@3'		
Lab Sample ID:	DA76397-5	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	94.4
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW48892.D	1	10/19/25 17:06	JB	10/17/25 15:00	OP28968	GLW1142
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)	< 4.1	4.1	mg/kg	
	TPH-ORO (> C28-C36)	< 6.2	6.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	85%		20-142%

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:	FS04-B@3'		
Lab Sample ID:	DA76397-5A	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	94.4
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	34.0	6.0	mg/l	1	10/20/25	10/23/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	5.62	3.0	mg/l	1	10/20/25	10/23/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	8.69	6.0	mg/l	1	10/20/25	10/23/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19761
(2) Prep QC Batch: MP43758

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FS04-B@3'		
Lab Sample ID:	DA76397-5A	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	94.4
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.364		ratio	1	10/23/25 18:24	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:	FS04-B@3'		
Lab Sample ID:	DA76397-5B	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	94.4
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

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	10/21/25	10/21/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19752
(2) Prep QC Batch: MP43740

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FS04-B@3'		
Lab Sample ID:	DA76397-5C	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	94.4
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	1.5	0.19	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	34.8	1.9	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.095	0.095	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	3.2	1.9	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	2.9	0.47	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	1.9	1.9	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.19	0.19	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.095	0.095	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	11.0	9.5	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19745
(2) Prep QC Batch: MP43741

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FS04-B@3'		
Lab Sample ID:	DA76397-5C	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	94.4
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.75		su	1	10/20/25 13:16	SN	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.26	0.0010	mmhos/cm	1	10/20/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.42	0.42	mg/kg	1	11/18/25 20:50	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS10-B@2'		
Lab Sample ID:	DA76397-6	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
Method:	SW846 8260D	**Percent Solids:**	93.6
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V95652.D	1	10/18/25 07:00	MB	n/a	n/a	V5V4542
Run #2							

	Initial Weight	Final Volume
Run #1	5.29 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0010	0.0010	mg/kg	
100-41-4	Ethylbenzene	< 0.0020	0.0020	mg/kg	
108-88-3	Toluene	< 0.0020	0.0020	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0020	0.0020	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0020	0.0020	mg/kg	
	m,p-Xylene	< 0.0020	0.0020	mg/kg	
95-47-6	o-Xylene	< 0.0020	0.0020	mg/kg	
1330-20-7	Xylene (total)	< 0.0020	0.0020	mg/kg	
	TPH-GRO (C6-C10)	< 0.20	0.20	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		70-130%
2037-26-5	Toluene-D8	94%		70-130%
460-00-4	4-Bromofluorobenzene	98%		70-130%
17060-07-0	1,2-Dichloroethane-D4	102%		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:	SS10-B@2'		
Lab Sample ID:	DA76397-6	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	93.6
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6G22126.D	1	10/18/25 03:23	TH	10/17/25 15:00	OP28966	E6G830
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	< 0.0041	0.0041	mg/kg	
120-12-7	Anthracene	< 0.0041	0.0041	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0051	0.0051	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0041	0.0041	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0041	0.0041	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0041	0.0041	mg/kg	
218-01-9	Chrysene	< 0.0041	0.0041	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0041	0.0041	mg/kg	
206-44-0	Fluoranthene	< 0.0041	0.0041	mg/kg	
86-73-7	Fluorene	< 0.0041	0.0041	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0041	0.0041	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0041	0.0041	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0041	0.0041	mg/kg	
91-20-3	Naphthalene	< 0.0021	0.0021	mg/kg	
129-00-0	Pyrene	< 0.0041	0.0041	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	79%		22-138%
4165-60-0	Nitrobenzene-d5	85%		32-143%
1718-51-0	Terphenyl-d14	89%		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:	SS10-B@2'		
Lab Sample ID:	DA76397-6	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	93.6
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW48893.D	1	10/19/25 17:20	JB	10/17/25 15:00	OP28968	GLW1142
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)	19.6	4.2	mg/kg	
	TPH-ORO (> C28-C36)	24.9	6.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	80%		20-142%

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:	SS10-B@2'		
Lab Sample ID:	DA76397-6A	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	93.6
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	39.5	6.0	mg/l	1	10/20/25	10/23/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	17.5	3.0	mg/l	1	10/20/25	10/23/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	17.1	6.0	mg/l	1	10/20/25	10/23/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19761
(2) Prep QC Batch: MP43758

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS10-B@2'		
Lab Sample ID:	DA76397-6A	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	93.6
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.569		ratio	1	10/23/25 18:26	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:	SS10-B@2'		
Lab Sample ID:	DA76397-6B	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	93.6
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

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	10/21/25	10/21/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19752
(2) Prep QC Batch: MP43740

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS10-B@2'		
Lab Sample ID:	DA76397-6C	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	93.6
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.0	0.20	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	42.4	2.0	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.10	0.098	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	4.8	2.0	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	4.1	0.49	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	3.5	2.0	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.20	0.20	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.098	0.098	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	17.7	9.8	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19745
(2) Prep QC Batch: MP43741

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS10-B@2'		
Lab Sample ID:	DA76397-6C	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	93.6
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.96		su	1	10/20/25 13:16	SN	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.20	0.0010	mmhos/cm	1	10/20/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.42	0.42	mg/kg	1	11/18/25 20:58	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS11-B@2'		
Lab Sample ID:	DA76397-7	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
Method:	SW846 8260D	**Percent Solids:**	86.4
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V95653.D	1	10/18/25 07:23	MB	n/a	n/a	V5V4542
Run #2							

	Initial Weight	Final Volume
Run #1	5.35 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	101%		70-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%
17060-07-0	1,2-Dichloroethane-D4	110%		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:	SS11-B@2'		
Lab Sample ID:	DA76397-7	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	86.4
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6G22127.D	1	10/18/25 03:43	TH	10/17/25 15:00	OP28966	E6G830
Run #2							

	Initial Weight	Final Volume
Run #1	5.3 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	< 0.0044	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	< 0.0044	0.0044	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0044	0.0044	mg/kg	
91-20-3	Naphthalene	< 0.0022	0.0022	mg/kg	
129-00-0	Pyrene	< 0.0044	0.0044	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	77%		22-138%
4165-60-0	Nitrobenzene-d5	88%		32-143%
1718-51-0	Terphenyl-d14	66%		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:	SS11-B@2'		
Lab Sample ID:	DA76397-7	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	86.4
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW48894.D	1	10/19/25 17:33	JB	10/17/25 15:00	OP28968	GLW1142
Run #2							

	Initial Weight	Final Volume
Run #1	5.4 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.3	4.3	mg/kg	
	TPH-ORO (> C28-C36)	< 6.5	6.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	67%		20-142%

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:	SS11-B@2'		
Lab Sample ID:	DA76397-7A	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	86.4
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	707	6.0	mg/l	1	10/20/25	10/23/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	507	3.0	mg/l	1	10/20/25	10/23/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	19.9	6.0	mg/l	1	10/20/25	10/23/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19761
(2) Prep QC Batch: MP43758

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS11-B@2'		
Lab Sample ID:	DA76397-7A	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	86.4
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.140		ratio	1	10/23/25 18:27	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:	SS11-B@2'		
Lab Sample ID:	DA76397-7B	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	86.4
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

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	10/21/25	10/21/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19752
(2) Prep QC Batch: MP43740

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS11-B@2'		
Lab Sample ID:	DA76397-7C	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	86.4
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.0	0.21	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	94.6	2.1	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.16	0.11	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	10.2	2.1	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	9.2	0.53	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	6.5	2.1	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.22	0.21	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.11	0.11	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	31.8	11	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19745
(2) Prep QC Batch: MP43741

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS11-B@2'		
Lab Sample ID:	DA76397-7C	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	86.4
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	6.95		su	1	10/20/25 13:16	SN	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.41	0.0010	mmhos/cm	1	10/20/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.46	0.46	mg/kg	1	11/18/25 21:29	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS12-B@2'		
Lab Sample ID:	DA76397-8	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
Method:	SW846 8260D	**Percent Solids:**	90.5
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V95654.D	1	10/18/25 07:46	MB	n/a	n/a	V5V4542
Run #2							

	Initial Weight	Final Volume
Run #1	5.28 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0010	0.0010	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	99%		70-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	96%		70-130%
17060-07-0	1,2-Dichloroethane-D4	104%		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:	SS12-B@2'		
Lab Sample ID:	DA76397-8	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	90.5
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6G22128.D	1	10/18/25 04:02	TH	10/17/25 15:00	OP28966	E6G830
Run #2							

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

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0042	0.0042	mg/kg	
120-12-7	Anthracene	< 0.0042	0.0042	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0052	0.0052	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0042	0.0042	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0042	0.0042	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0042	0.0042	mg/kg	
218-01-9	Chrysene	< 0.0042	0.0042	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0042	0.0042	mg/kg	
206-44-0	Fluoranthene	< 0.0042	0.0042	mg/kg	
86-73-7	Fluorene	< 0.0042	0.0042	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0042	0.0042	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0042	0.0042	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0042	0.0042	mg/kg	
91-20-3	Naphthalene	< 0.0021	0.0021	mg/kg	
129-00-0	Pyrene	< 0.0042	0.0042	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	80%		22-138%
4165-60-0	Nitrobenzene-d5	86%		32-143%
1718-51-0	Terphenyl-d14	76%		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:	SS12-B@2'		
Lab Sample ID:	DA76397-8	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	90.5
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW48895.D	1	10/19/25 17:46	JB	10/17/25 15:00	OP28968	GLW1142
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)	5.24	4.4	mg/kg	
	TPH-ORO (> C28-C36)	< 6.5	6.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	75%		20-142%

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:	SS12-B@2'		
Lab Sample ID:	DA76397-8A	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	90.5
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	31.8	6.0	mg/l	1	10/20/25	10/23/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	14.0	3.0	mg/l	1	10/20/25	10/23/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	9.89	6.0	mg/l	1	10/20/25	10/23/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19761
(2) Prep QC Batch: MP43758

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS12-B@2'		
Lab Sample ID:	DA76397-8A	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	90.5
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.368		ratio	1	10/23/25 18:29	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:	SS12-B@2'		
Lab Sample ID:	DA76397-8B	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	90.5
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

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	10/21/25	10/21/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19752
(2) Prep QC Batch: MP43740

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS12-B@2'		
Lab Sample ID:	DA76397-8C	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	90.5
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.0	0.21	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	60.3	2.1	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.11	0.11	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	6.0	2.1	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	5.1	0.53	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	3.9	2.1	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.21	0.21	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.11	0.11	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	19.6	11	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19745
(2) Prep QC Batch: MP43741

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS12-B@2'		
Lab Sample ID:	DA76397-8C	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	90.5
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.03		su	1	10/20/25 13:16	SN	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.20	0.0010	mmhos/cm	1	10/20/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.42	0.42	mg/kg	1	11/18/25 21:45	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS13-B@2'		
Lab Sample ID:	DA76397-9	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
Method:	SW846 8260D	**Percent Solids:**	96.4
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V95655.D	1	10/18/25 08:09	MB	n/a	n/a	V5V4542
Run #2							

	Initial Weight	Final Volume
Run #1	5.30 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00098	0.00098	mg/kg	
100-41-4	Ethylbenzene	< 0.0020	0.0020	mg/kg	
108-88-3	Toluene	< 0.0020	0.0020	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0020	0.0020	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0020	0.0020	mg/kg	
	m,p-Xylene	< 0.0020	0.0020	mg/kg	
95-47-6	o-Xylene	< 0.0020	0.0020	mg/kg	
1330-20-7	Xylene (total)	< 0.0020	0.0020	mg/kg	
	TPH-GRO (C6-C10)	< 0.20	0.20	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		70-130%
2037-26-5	Toluene-D8	93%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%
17060-07-0	1,2-Dichloroethane-D4	109%		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:	SS13-B@2'		
Lab Sample ID:	DA76397-9	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	96.4
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6G22129.D	1	10/18/25 04:22	TH	10/17/25 15:00	OP28966	E6G830
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	< 0.0040	0.0040	mg/kg	
120-12-7	Anthracene	< 0.0040	0.0040	mg/kg	
56-55-3	Benzo(a)anthracene	0.0134	0.0050	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0040	0.0040	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0040	0.0040	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0040	0.0040	mg/kg	
218-01-9	Chrysene	0.0053	0.0040	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0040	0.0040	mg/kg	
206-44-0	Fluoranthene	0.0052	0.0040	mg/kg	
86-73-7	Fluorene	0.0140	0.0040	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0040	0.0040	mg/kg	
90-12-0	1-Methylnaphthalene	0.0212	0.0040	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0040	0.0040	mg/kg	
91-20-3	Naphthalene	< 0.0020	0.0020	mg/kg	
129-00-0	Pyrene	0.0050	0.0040	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	82%		22-138%
4165-60-0	Nitrobenzene-d5	88%		32-143%
1718-51-0	Terphenyl-d14	84%		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:	SS13-B@2'		
Lab Sample ID:	DA76397-9	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	96.4
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW48896.D	1	10/19/25 18:00	JB	10/17/25 15:00	OP28968	GLW1142
Run #2							

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

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	362	4.0	mg/kg	
	TPH-ORO (> C28-C36)	271	5.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	105%		20-142%

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:	SS13-B@2'		
Lab Sample ID:	DA76397-9A	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	96.4
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	25.9	6.0	mg/l	1	10/20/25	10/23/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	6.24	3.0	mg/l	1	10/20/25	10/23/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	16.0	6.0	mg/l	1	10/20/25	10/23/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19761
(2) Prep QC Batch: MP43758

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS13-B@2'		
Lab Sample ID:	DA76397-9A	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	96.4
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.732		ratio	1	10/23/25 18:30	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:	SS13-B@2'		
Lab Sample ID:	DA76397-9B	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	96.4
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

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	10/21/25	10/21/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19752
(2) Prep QC Batch: MP43740

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS13-B@2'		
Lab Sample ID:	DA76397-9C	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	96.4
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.3	0.21	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	37.5	2.1	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.10	0.10	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	4.6	2.1	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	4.0	0.51	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	2.7	2.1	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.21	0.21	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.10	0.10	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	14.4	10	mg/kg	10	10/18/25	10/21/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19745
(2) Prep QC Batch: MP43741

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS13-B@2'		
Lab Sample ID:	DA76397-9C	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	96.4
Project:	TASMCOA: Dr Joe CC-64N63W 6SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.38		su	1	10/20/25 13:16	SN	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.26	0.0010	mmhos/cm	1	10/20/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.41	0.41	mg/kg	1	11/18/25 22:01	ANJ	SW846 3060A/7199

(a) 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

DA76397 Page 1 of 1

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

Bottle Order Control #: | FED-EX Tracking #:
SGS Quote #: | SGS Job # DA76397

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 / rbuell27@chevron.com / evonde@tasman-geo.com / danPeterson@chevron.com
Sampler(s) Name(s): Tim Barton

Project Information

Project Name: DR Joe CC-64N63W6SESE
Check Box if Project Report to Division of Oil and Public Safety (OPS): ☐
Street:
City, State ZIP:
Project #: 10016
Client Purchase Order #: UWRWE-A4040-ABN
Project Manager: Eric Vonde

Billing Information (if different from Report to)

Company: Nobie
Street Address:
City, State ZIP:
Attention: Dan Peterson

Requested Analysis (see TEST CODE sheet)

Field ID / Point of Collection	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Preserved: NONE	HCl	NaOH	HNO3	H2SO4	DI Water	MeOH	ENCORE	Na2S2O3	Na2SO3	Metals - 915	VOCs - 915	TPH - 915	PAHs - 915	pH, EC, SAR, boron	TDS, Cl, SO4	Full Table 915-1	Hold	LAB USE ONLY
1 FS03-A@3'	10/17/25	8:59	TB	SO	3	X																X		
2 SS01-A@2'		9:05																						
3 SS08-A@2'		9:11																						
4 SS09-A@2'		9:14																						
5 FS04-B@3'		11:39																						
6 SS10-B@2'		11:43																						
7 SS11-B@2'		11:47																						
8 SS12-B@2'		11:53																						
9 SS13-B@2'		11:58																						

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; SED - Sediment; OI - Oil; LIQ - Other Liquid; A/R - Air; SCL - Other Solid; WP - Wipe; FB - Field Blank; EB - Equipment Blank; RB - Rinse Blank; TB - Trip 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)
Organics same day TAT
inorganics and Metals Standard TAT

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

Relinquished by Sampler/Affiliation:	Date/Time:	Received By/Affiliation:	Relinquished By/Affiliation:	Date/Time:	Received By/Affiliation:
1	10/17/25 15:07	1 10/17/25 16:00	2		2
Relinquished by/Affiliation:	Date/Time:	Received By/Affiliation:	Relinquished By/Affiliation:	Date/Time:	Received By/Affiliation:
3		3	4		4

Custody Seal #: Intact ☐ Not intact ☐ Absent ☐
Preserved where applicable ☒ Cooler Temp. °C (corrected): 2.5 Therm. ID: T172 On Ice ☒

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

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

SGS Sample Receipt Summary

Job Number: da76397 **Client:** TASMAN **Project:** DR JOE CC-64N63W65ESE

Date / Time Received: 10/17/2025 4:00:00 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?	☐		☑	☐
12. Residual Chlorine Present?	☐		☐	☑

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 8260 samples will be in freezer by 7PM.

SM001
Rev. Date 05/04/17

Technician: JEREMYD Date: 10/17/2025 3:57:34 PM Reviewer: Date:

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: DA76397
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V1974-MB	4V40228.D	1	10/17/25	MB	n/a	n/a	V4V1974

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

DA76397-1, DA76397-2, DA76397-3, DA76397-4

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	97%	70-130%
2037-26-5	Toluene-D8	93%	70-130%
460-00-4	4-Bromofluorobenzene	86%	70-130%
17060-07-0	1,2-Dichloroethane-D4	105%	70-130%

Method Blank Summary

Job Number: DA76397
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4542-MB [a]	5V95644.D	1	10/18/25	MB	n/a	n/a	V5V4542

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

DA76397-5, DA76397-6, DA76397-7, DA76397-8, DA76397-9

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	127%	70-130%
2037-26-5	Toluene-D8	83%	70-130%
460-00-4	4-Bromofluorobenzene	94%	70-130%
17060-07-0	1,2-Dichloroethane-D4	147%* [b]	70-130%

(a) Bad purge. Associated sample results are non-detect for target analytes.
(b) Outside control limits due to possible matrix interference.

Blank Spike Summary

Job Number: DA76397
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V1974-BS	4V40226.D	1	10/17/25	MB	n/a	n/a	V4V1974

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

DA76397-1, DA76397-2, DA76397-3, DA76397-4

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	47.8	96	70-130
100-41-4	Ethylbenzene	50	53.4	107	70-130
108-88-3	Toluene	50	51.5	103	70-130
95-63-6	1,2,4-Trimethylbenzene	50	55.2	110	70-134
108-67-8	1,3,5-Trimethylbenzene	50	56.2	112	70-134
	m,p-Xylene	100	107	107	70-130
95-47-6	o-Xylene	50	56.7	113	70-136
1330-20-7	Xylene (total)	150	164	109	70-131

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	89%	70-130%
2037-26-5	Toluene-D8	100%	70-130%
460-00-4	4-Bromofluorobenzene	104%	70-130%
17060-07-0	1,2-Dichloroethane-D4	105%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA76397
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V1974-BS	4V40227.D	1	10/17/25	MB	n/a	n/a	V4V1974

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

DA76397-1, DA76397-2, DA76397-3, DA76397-4

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	1420	71	64-144

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	90%	70-130%
2037-26-5	Toluene-D8	95%	70-130%
460-00-4	4-Bromofluorobenzene	90%	70-130%
17060-07-0	1,2-Dichloroethane-D4	100%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA76397
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4542-BS	5V95642.D	1	10/18/25	MB	n/a	n/a	V5V4542

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

DA76397-5, DA76397-6, DA76397-7, DA76397-8, DA76397-9

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	48.3	97	70-130
100-41-4	Ethylbenzene	50	49.6	99	70-130
108-88-3	Toluene	50	47.9	96	70-130
95-63-6	1,2,4-Trimethylbenzene	50	49.5	99	70-134
108-67-8	1,3,5-Trimethylbenzene	50	49.8	100	70-134
	m,p-Xylene	100	97.3	97	70-130
95-47-6	o-Xylene	50	51.4	103	70-136
1330-20-7	Xylene (total)	150	149	99	70-131

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	92%	70-130%
2037-26-5	Toluene-D8	97%	70-130%
460-00-4	4-Bromofluorobenzene	93%	70-130%
17060-07-0	1,2-Dichloroethane-D4	100%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA76397
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4542-BS	5V95643.D	1	10/18/25	MB	n/a	n/a	V5V4542

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

DA76397-5, DA76397-6, DA76397-7, DA76397-8, DA76397-9

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	1890	95	64-144

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	89%	70-130%
2037-26-5	Toluene-D8	96%	70-130%
460-00-4	4-Bromofluorobenzene	95%	70-130%
17060-07-0	1,2-Dichloroethane-D4	100%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA76397
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA76366-2MS	4V40231.D	1	10/17/25	MB	n/a	n/a	V4V1974
DA76366-2MSD	4V40232.D	1	10/17/25	MB	n/a	n/a	V4V1974
DA76366-2	4V40229.D	1	10/17/25	MB	n/a	n/a	V4V1974

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

DA76397-1, DA76397-2, DA76397-3, DA76397-4

CAS No.	Compound	DA76366-2 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	< 1.0		50.2	48.9	97	51.1	50.9	100	4	44-150/44
100-41-4	Ethylbenzene	< 2.0		50.2	55.4	110	51.1	56.3	110	2	41-149/49
108-88-3	Toluene	< 2.0		50.2	52.0	104	51.1	52.9	103	2	40-149/47
95-63-6	1,2,4-Trimethylbenzene	< 2.0		50.2	60.5	121	51.1	58.6	115	3	26-164/57
108-67-8	1,3,5-Trimethylbenzene	< 2.0		50.2	62.6	125	51.1	59.6	117	5	30-161/60
	m,p-Xylene	< 2.0		100	112	112	102	113	110	1	36-152/49
95-47-6	o-Xylene	< 2.0		50.2	59.6	119	51.1	58.9	115	1	33-168/49
1330-20-7	Xylene (total)	< 2.0		150	171	114	153	172	112	1	36-157/49

CAS No.	Surrogate Recoveries	MS	MSD	DA76366-2	Limits
1868-53-7	Dibromofluoromethane	95%	94%	99%	70-130%
2037-26-5	Toluene-D8	101%	100%	95%	70-130%
460-00-4	4-Bromofluorobenzene	108%	109%	85%	70-130%
17060-07-0	1,2-Dichloroethane-D4	104%	109%	108%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA76397
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA76366-3MS	4V40233.D	1	10/17/25	MB	n/a	n/a	V4V1974
DA76366-3MSD	4V40234.D	1	10/17/25	MB	n/a	n/a	V4V1974
DA76366-3	4V40230.D	1	10/17/25	MB	n/a	n/a	V4V1974

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

DA76397-1, DA76397-2, DA76397-3, DA76397-4

CAS No.	Compound	DA76366-3 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	< 200		1930	1550	80	2050	1590	78	3	18-158/83

CAS No.	Surrogate Recoveries	MS	MSD	DA76366-3	Limits
1868-53-7	Dibromofluoromethane	93%	93%	96%	70-130%
2037-26-5	Toluene-D8	96%	96%	95%	70-130%
460-00-4	4-Bromofluorobenzene	92%	91%	87%	70-130%
17060-07-0	1,2-Dichloroethane-D4	103%	102%	106%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA76397
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA76237-1MS	5V95647.D	1	10/18/25	MB	n/a	n/a	V5V4542
DA76237-1MSD	5V95648.D	1	10/18/25	MB	n/a	n/a	V5V4542
DA76237-1	5V95645.D	1	10/18/25	MB	n/a	n/a	V5V4542

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

DA76397-5, DA76397-6, DA76397-7, DA76397-8, DA76397-9

CAS No.	Compound	DA76237-1 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	< 1.2		58.8	49.7	84	58	49.5	85	0	44-150/44
100-41-4	Ethylbenzene	< 2.3		58.8	48.5	82	58	49.7	86	2	41-149/49
108-88-3	Toluene	< 2.3		58.8	46.9	80	58	48.4	83	3	40-149/47
95-63-6	1,2,4-Trimethylbenzene	< 2.3		58.8	45.1	77	58	45.3	78	0	26-164/57
108-67-8	1,3,5-Trimethylbenzene	< 2.3		58.8	46.9	80	58	46.2	80	2	30-161/60
	m,p-Xylene	< 2.3		118	93.2	79	116	96.4	83	3	36-152/49
95-47-6	o-Xylene	< 2.3		58.8	48.9	83	58	49.9	86	2	33-168/49
1330-20-7	Xylene (total)	< 2.3		176	142	80	174	146	84	3	36-157/49

CAS No.	Surrogate Recoveries	MS	MSD	DA76237-1	Limits
1868-53-7	Dibromofluoromethane	99%	99%	99%	70-130%
2037-26-5	Toluene-D8	95%	96%	95%	70-130%
460-00-4	4-Bromofluorobenzene	95%	94%	98%	70-130%
17060-07-0	1,2-Dichloroethane-D4	106%	105%	102%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA76397
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA76239-2MS	5V95649.D	1	10/18/25	MB	n/a	n/a	V5V4542
DA76239-2MSD	5V95650.D	1	10/18/25	MB	n/a	n/a	V5V4542
DA76239-2	5V95646.D	1	10/18/25	MB	n/a	n/a	V5V4542

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

DA76397-5, DA76397-6, DA76397-7, DA76397-8, DA76397-9

CAS No.	Compound	DA76239-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	< 230		2270	1550	68	2240	1590	71	3	18-158/83

CAS No.	Surrogate Recoveries	MS	MSD	DA76239-2	Limits
1868-53-7	Dibromofluoromethane	98%	96%	99%	70-130%
2037-26-5	Toluene-D8	96%	97%	95%	70-130%
460-00-4	4-Bromofluorobenzene	96%	97%	97%	70-130%
17060-07-0	1,2-Dichloroethane-D4	106%	103%	110%	70-130%

* = Outside of Control Limits.

MS Semi-volatiles

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QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: DA76397
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28966-MB	6G22112.D	1	10/17/25	TH	10/17/25	OP28966	E6G830

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

DA76397-1, DA76397-2, DA76397-3, DA76397-4, DA76397-5, DA76397-6, DA76397-7, DA76397-8, DA76397-9

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	76%	22-138%
4165-60-0	Nitrobenzene-d5	71%	32-143%
1718-51-0	Terphenyl-d14	92%	48-149%

Blank Spike Summary

Job Number: DA76397
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28966-BS	6G22113.D	1	10/17/25	TH	10/17/25	OP28966	E6G830

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

DA76397-1, DA76397-2, DA76397-3, DA76397-4, DA76397-5, DA76397-6, DA76397-7, DA76397-8, DA76397-9

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
83-32-9	Acenaphthene	200	166	83	46-152
120-12-7	Anthracene	200	178	89	65-147
56-55-3	Benzo(a)anthracene	200	174	87	64-144
205-99-2	Benzo(b)fluoranthene	200	193	97	70-154
207-08-9	Benzo(k)fluoranthene	200	184	92	70-158
50-32-8	Benzo(a)pyrene	200	184	92	64-159
218-01-9	Chrysene	200	186	93	70-156
53-70-3	Dibenzo(a,h)anthracene	200	169	85	63-156
206-44-0	Fluoranthene	200	192	96	62-155
86-73-7	Fluorene	200	172	86	55-151
193-39-5	Indeno(1,2,3-cd)pyrene	200	179	90	67-156
90-12-0	1-Methylnaphthalene	200	173	87	21-168
91-57-6	2-Methylnaphthalene	200	170	85	18-161
91-20-3	Naphthalene	200	149	75	2-173
129-00-0	Pyrene	200	198	99	61-158

CAS No.	Surrogate Recoveries	BSP	Limits
321-60-8	2-Fluorobiphenyl	85%	22-138%
4165-60-0	Nitrobenzene-d5	83%	32-143%
1718-51-0	Terphenyl-d14	96%	48-149%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA76397
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28966-MS	6G22114.D	1	10/17/25	TH	10/17/25	OP28966	E6G830
OP28966-MSD	6G22115.D	1	10/17/25	TH	10/17/25	OP28966	E6G830
DA76392-1	6G22116.D	1	10/18/25	TH	10/17/25	OP28966	E6G830

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

DA76397-1, DA76397-2, DA76397-3, DA76397-4, DA76397-5, DA76397-6, DA76397-7, DA76397-8, DA76397-9

CAS No.	Compound	DA76392-1 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	< 4.6		236	197	84	236	222	94	12	30-148/32
120-12-7	Anthracene	< 4.6		236	206	87	236	223	95	8	40-148/33
56-55-3	Benzo(a)anthracene	< 5.8		236	191	81	236	212	90	10	44-144/32
205-99-2	Benzo(b)fluoranthene	< 4.6		236	220	93	236	238	101	8	36-166/43
207-08-9	Benzo(k)fluoranthene	< 4.6		236	205	87	236	222	94	8	43-165/41
50-32-8	Benzo(a)pyrene	< 4.6		236	209	89	236	228	97	9	41-161/37
218-01-9	Chrysene	< 4.6		236	210	89	236	230	98	9	52-152/32
53-70-3	Dibenzo(a,h)anthracene	< 4.6		236	191	81	236	207	88	8	42-155/36
206-44-0	Fluoranthene	< 4.6		236	216	92	236	235	100	8	40-151/34
86-73-7	Fluorene	< 4.6		236	201	85	236	225	95	11	34-149/34
193-39-5	Indeno(1,2,3-cd)pyrene	< 4.6		236	201	85	236	216	92	7	41-156/37
90-12-0	1-Methylnaphthalene	< 4.6		236	213	90	236	232	98	9	23-149/36
91-57-6	2-Methylnaphthalene	< 4.6		236	207	88	236	229	97	10	18-144/35
91-20-3	Naphthalene	< 2.3		236	188	80	236	212	90	12	18-150/32
129-00-0	Pyrene	< 4.6		236	219	93	236	240	102	9	38-156/33

CAS No.	Surrogate Recoveries	MS	MSD	DA76392-1	Limits
321-60-8	2-Fluorobiphenyl	80%	78%	81%	22-138%
4165-60-0	Nitrobenzene-d5	81%	79%	80%	32-143%
1718-51-0	Terphenyl-d14	95%	92%	93%	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: DA76397
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28968-MB	LW48876.D	1	10/19/25	JB	10/17/25	OP28968	GLW1142

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

DA76397-1, DA76397-2, DA76397-3, DA76397-4, DA76397-5, DA76397-6, DA76397-7, DA76397-8, DA76397-9

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	90%	20-142%

Blank Spike Summary

Job Number: DA76397
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28968-BS1	LW48877.D	1	10/19/25	JB	10/17/25	OP28968	GLW1142

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

DA76397-1, DA76397-2, DA76397-3, DA76397-4, DA76397-5, DA76397-6, DA76397-7, DA76397-8, DA76397-9

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-DRO (C10-C28)	200	173	87	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	93%	20-142%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA76397
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28968-BS2	LW48878.D	1	10/19/25	JB	10/17/25	OP28968	GLW1142

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

DA76397-1, DA76397-2, DA76397-3, DA76397-4, DA76397-5, DA76397-6, DA76397-7, DA76397-8, DA76397-9

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-ORO (> C28-C36)	200	208	104	70-138

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	87%	20-142%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA76397
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28968-MS1	LW48879.D	1	10/19/25	JB	10/17/25	OP28968	GLW1142
OP28968-MSD1	LW48880.D	1	10/19/25	JB	10/17/25	OP28968	GLW1142
DA76392-1	LW48883.D	1	10/19/25	JB	10/17/25	OP28968	GLW1142

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

DA76397-1, DA76397-2, DA76397-3, DA76397-4, DA76397-5, DA76397-6, DA76397-7, DA76397-8, DA76397-9

CAS No.	Compound	DA76392-1 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	< 4.5		225	193	86	237	199	84	3	59-130/30

CAS No.	Surrogate Recoveries	MS	MSD	DA76392-1	Limits
84-15-1	o-Terphenyl	98%	93%	92%	20-142%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA76397
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28968-MS2	LW48881.D	1	10/19/25	JB	10/17/25	OP28968	GLW1142
OP28968-MSD2	LW48882.D	1	10/19/25	JB	10/17/25	OP28968	GLW1142
DA76392-2	LW48884.D	1	10/19/25	JB	10/17/25	OP28968	GLW1142

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

DA76397-1, DA76397-2, DA76397-3, DA76397-4, DA76397-5, DA76397-6, DA76397-7, DA76397-8, DA76397-9

CAS No.	Compound	DA76392-2 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)	< 6.0		202	208	103	205	212	103	2	70-153/30

CAS No.	Surrogate Recoveries	MS	MSD	DA76392-2	Limits
84-15-1	o-Terphenyl	86%	86%	84%	20-142%

* = 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: DA76397
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43740 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/21/25

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	-4.0	<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 MP43740: DA76397-1B, DA76397-2B, DA76397-3B, DA76397-4B, DA76397-5B, DA76397-6B, DA76397-7B, DA76397-8B, DA76397-9B

Results < IDL are shown as zero for calculation purposes

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA76397
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43740 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/21/25

Metal	RL	IDL	MDL	MB raw	final

(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76397
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43740
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:			10/21/25					10/21/25	
Metal	DA76397-9B Original	DUP	RPD	QC Limits	DA76397-9B Original	MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Boron	81.5	79.0	3.1	0-20	81.5	9470	10000	93.9	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 MP43740: DA76397-1B, DA76397-2B, DA76397-3B, DA76397-4B, DA76397-5B, DA76397-6B, DA76397-7B, DA76397-8B, DA76397-9B

Results < IDL are shown as zero for calculation purposes

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76397
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43740 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/21/25 10/21/25

Metal	DA76397-9B Original DUP	RPD	QC Limits	DA76397-9B Original MS	Spikelot ICPALL6	% Rec	QC Limits

(*) 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: DA76397
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43740 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/21/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	8390	10000	83.9	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 MP43740: DA76397-1B, DA76397-2B, DA76397-3B, DA76397-4B, DA76397-5B, DA76397-6B, DA76397-7B, DA76397-8B, DA76397-9B

Results < IDL are shown as zero for calculation purposes

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76397
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43740 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/21/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76397
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43740 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/21/25

Metal	DA76397-9B Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	16.3	11.5	29.4 (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 MP43740: DA76397-1B, DA76397-2B, DA76397-3B, DA76397-4B, DA76397-5B, DA76397-6B, DA76397-7B, DA76397-8B, DA76397-9B

Results < IDL are shown as zero for calculation purposes

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76397
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43740 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/21/25

	DA76397-9B		QC
Metal	Original SDL 1:5	%DIF	Limits

(*) 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: DA76397
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43741 Methods: SW846 6020B
Matrix Type: SOLID Units: mg/kg

Prep Date: 10/18/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	.52	5		
Antimony	0.40	.01	.05		
Arsenic	0.20	.05	.05	0.035	<0.20
Barium	2.0	.096	.24	0.058	<2.0
Beryllium	0.20	.077	.04		
Boron	40	18	10		
Cadmium	0.10	.03	.04	0.00094	<0.10
Calcium	400	25	30		
Chromium	2.0	.087	.6		
Cobalt	0.20	.04	.025		
Copper	2.0	.05	.25	0.030	<2.0
Iron	20	1.6	15		
Lead	0.50	.094	.2	0.0048	<0.50
Magnesium	100	10	10		
Manganese	1.0	.079	.2		
Molybdenum	1.0	.037	.27		
Nickel	2.0	.098	.2	-1.0	* (a)
Phosphorus	60	7.6	25		
Potassium	200	2	25		
Selenium	0.20	.05	.05	-0.0051	<0.20
Silver	0.10	.0081	.03	-0.0014	<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	0.19	<10

Associated samples MP43741: DA76397-1C, DA76397-2C, DA76397-3C, DA76397-4C, DA76397-5C, DA76397-6C, DA76397-7C, DA76397-8C, DA76397-9C

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Element detected in the MB greater than 1/2 the reporting limit. Reported samples are ND or 10x the result of the MB.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76397
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43741 Methods: SW846 6020B
Matrix Type: SOLID Units: mg/kg

Prep Date: 10/18/25

Metal	DA76397-9C Original	MS	Spikelot ICPMS6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	2.3	91.4	91.8	97.1	75-125
Barium	37.5	203	184	90.1	75-125
Beryllium					
Boron					
Cadmium	0.061	46.8	45.9	101.8	75-125
Calcium					
Chromium					
Cobalt					
Copper	4.6	51.5	45.9	102.2	75-125
Iron					
Lead	4.0	101	91.8	105.7	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel	2.7	49.4	45.9	101.7	75-125
Phosphorus					
Potassium					
Selenium	0.18	90.7	91.8	98.6	75-125
Silver	0.011	18.7	18.4	101.8	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	14.4	83.0	45.9	149.5N(a	75-125

Associated samples MP43741: DA76397-1C, DA76397-2C, DA76397-3C, DA76397-4C, DA76397-5C, DA76397-6C, DA76397-7C, DA76397-8C, DA76397-9C

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: DA76397
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43741 Methods: SW846 6020B
Matrix Type: SOLID Units: mg/kg

Prep Date: 10/18/25

Metal	DA76397-9C Original	MSD	Spikelot ICPMS6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	2.3	103	104	97.1	11.9	20
Barium	37.5	222	207	88.9	8.9	20
Beryllium						
Boron						
Cadmium	0.061	53.5	51.9	103.0	13.4	20
Calcium						
Chromium						
Cobalt						
Copper	4.6	56.7	51.9	100.4	9.6	20
Iron						
Lead	4.0	112	104	104.1	10.3	20
Magnesium						
Manganese						
Molybdenum						
Nickel	2.7	54.9	51.9	100.6	10.5	20
Phosphorus						
Potassium						
Selenium	0.18	102	104	98.2	11.7	20
Silver	0.011	21.3	20.7	102.6	13.0	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc	14.4	85.1	51.9	136.3N(a	2.5	20

Associated samples MP43741: DA76397-1C, DA76397-2C, DA76397-3C, DA76397-4C, DA76397-5C, DA76397-6C, DA76397-7C, DA76397-8C, DA76397-9C

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.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76397
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43741
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 10/18/25

Metal	BSP Result	Spikelot ICPMS6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	102	100	102.0	80-120
Barium	200	200	100.0	80-120
Beryllium				
Boron				
Cadmium	51.3	50	102.6	80-120
Calcium				
Chromium				
Cobalt				
Copper	51.8	50	103.6	80-120
Iron				
Lead	102	100	102.0	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel	50.9	50	101.8	80-120
Phosphorus				
Potassium				
Selenium	101	100	101.0	80-120
Silver	20.3	20	101.5	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	51.5	50	103.0	80-120

Associated samples MP43741: DA76397-1C, DA76397-2C, DA76397-3C, DA76397-4C, DA76397-5C, DA76397-6C, DA76397-7C, DA76397-8C, DA76397-9C

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76397
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43741 Methods: SW846 6020B
Matrix Type: SOLID Units: ug/l

Prep Date: 10/18/25

Metal	DA76397-9C Original	SDL 10:50	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	22.7	21.6	4.8	0-20
Barium	365	367	0.5	0-20
Beryllium				
Boron				
Cadmium	0.590	0.00	100.0(a)	0-20
Calcium				
Chromium				
Cobalt				
Copper	44.8	44.3	1.1	0-20
Iron				
Lead	39.4	38.6	1.9	0-20
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium	1.76	0.00	100.0(a)	0-20
Silver	0.106	0.00	100.0(a)	0-20
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	141	135	3.7	0-20

Associated samples MP43741: DA76397-1C, DA76397-2C, DA76397-3C, DA76397-4C, DA76397-5C, DA76397-6C, DA76397-7C, DA76397-8C, DA76397-9C

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: DA76397
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43751
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/19/25

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	-910	<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	-210	<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	-250	<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 MP43751: DA76397-4A

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA76397
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43751 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/19/25

Metal	RL	IDL	MDL	MB raw	final

(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76397
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43751 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/19/25

Metal	DA76380-1A Original	MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Boron					
Cadmium					
Calcium	15000	362000	375000	92.5	75-125
Chromium					
Cobalt					
Copper					
Iron					
Lead					
Lithium					
Magnesium	4590	355000	375000	93.4	75-125
Manganese					
Molybdenum					
Nickel					
Phosphorus					
Potassium					
Selenium					
Silicon					
Silver					
Sodium	110000	453000	375000	91.5	75-125
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc					

Associated samples MP43751: DA76397-4A

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76397
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43751 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/19/25

Metal	DA76380-1A 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: DA76397
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43751 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/19/25

Metal	DA76380-1A Original	MSD	Spikelot ICPALL6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium	15000	362000	375000	92.5	0.0	20
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Lithium						
Magnesium	4590	354000	375000	93.2	0.3	20
Manganese						
Molybdenum						
Nickel						
Phosphorus						
Potassium						
Selenium						
Silicon						
Silver						
Sodium	110000	452000	375000	91.2	0.2	20
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc						

Associated samples MP43751: DA76397-4A

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76397
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43751 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/19/25

Metal	DA76380-1A 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: DA76397
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43751 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/19/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	336000	375000	89.6	80-120
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	338000	375000	90.1	80-120
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	336000	375000	89.6	80-120
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP43751: DA76397-4A

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76397
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43751
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/19/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76397
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43751
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/19/25

Metal	DA76380-1A Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	1000	843	15.8*(a)	0-10
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	306	299	2.3	0-10
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	7320	7850	7.2	0-10
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP43751: DA76397-4A

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76397
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43751 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/19/25

	DA76380-1A		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: DA76397
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43758
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/20/25

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	9.0	<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	6.0	<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	429	<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 MP43758: DA76397-1A, DA76397-2A, DA76397-3A, DA76397-5A, DA76397-6A, DA76397-7A, DA76397-8A, DA76397-9A

Results < IDL are shown as zero for calculation purposes

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA76397
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43758 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/20/25

Metal	RL	IDL	MDL	MB raw	final

(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76397
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43758 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/20/25

Metal	DA76402-1A Original	MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Boron					
Cadmium					
Calcium	62000	418000	375000	94.9	75-125
Chromium					
Cobalt					
Copper					
Iron					
Lead					
Lithium					
Magnesium	38700	406000	375000	97.9	75-125
Manganese					
Molybdenum					
Nickel					
Phosphorus					
Potassium					
Selenium					
Silicon					
Silver					
Sodium	356000	693000	375000	89.9	75-125
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc					

Associated samples MP43758: DA76397-1A, DA76397-2A, DA76397-3A, DA76397-5A, DA76397-6A, DA76397-7A, DA76397-8A, DA76397-9A

Results < IDL are shown as zero for calculation purposes

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76397
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43758 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/20/25

Metal	DA76402-1A Original MS	Spikelot ICPALL6	% Rec	QC Limits

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76397
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43758 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/20/25

Metal	DA76402-1A Original	MSD	Spikelot ICPALL6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium	62000	411000	375000	93.1	1.7	20
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Lithium						
Magnesium	38700	398000	375000	95.8	2.0	20
Manganese						
Molybdenum						
Nickel						
Phosphorus						
Potassium						
Selenium						
Silicon						
Silver						
Sodium	356000	689000	375000	88.8	0.6	20
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc						

Associated samples MP43758: DA76397-1A, DA76397-2A, DA76397-3A, DA76397-5A, DA76397-6A, DA76397-7A, DA76397-8A, DA76397-9A

Results < IDL are shown as zero for calculation purposes

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76397
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43758 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/20/25

Metal	DA76402-1A Original MSD	Spikelot ICPALL6 % Rec	MSD RPD	QC Limit

(*) 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: DA76397
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43758 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/20/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	351000	375000	93.6	80-120
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	358000	375000	95.5	80-120
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	351000	375000	93.6	80-120
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP43758: DA76397-1A, DA76397-2A, DA76397-3A, DA76397-5A, DA76397-6A, DA76397-7A, DA76397-8A, DA76397-9A

Results < IDL are shown as zero for calculation purposes

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76397
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43758
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/20/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76397
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43758 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/20/25

Metal	DA76402-1A Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	4130	4270	3.3	0-10
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	2580	2670	3.2	0-10
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	23700	24700	4.1	0-10
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP43758: DA76397-1A, DA76397-2A, DA76397-3A, DA76397-5A, DA76397-6A, DA76397-7A, DA76397-8A, DA76397-9A

Results < IDL are shown as zero for calculation purposes

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76397
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43758 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/20/25

	DA76402-1A		QC
Metal	Original SDL 1:5	%DIF	Limits

(*) 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: DA76397
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Specific Conductivity	GP39766/GN69988			mmhos/cm	1.409	1.3	94.6	90-110%

Associated Samples:
Batch GP39766: DA76397-1C, DA76397-2C, DA76397-3C, DA76397-4C, DA76397-5C, DA76397-6C, DA76397-7C, DA76397-8C, DA76397-9C
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA76397
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Specific Conductivity	GP39766/GN69988	DA76280-2	mmhos/cm	0.51	0.49	4.3	0-20%
pH	GN69979	DA76280-2	su	7.83	7.79	0.5	0-5%

Associated Samples:
Batch GN69979: DA76397-1C, DA76397-2C, DA76397-3C, DA76397-4C, DA76397-5C, DA76397-6C, DA76397-7C, DA76397-8C, DA76397-9C
Batch GP39766: DA76397-1C, DA76397-2C, DA76397-3C, DA76397-4C, DA76397-5C, DA76397-6C, DA76397-7C, DA76397-8C, DA76397-9C
(*) Outside of QC limits

Misc. Forms

Custody Documents and Other Forms

(SGS Dayton, NJ)

Includes the following where applicable:

- Chain of Custody

SGS

SO

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 # 7944 - 9079 - 1284.
SGS Quote #
Bottle Order Control #
SGS Job # DA76397

Client / Reporting Information	Project Information	Requested Analysis (see TEST CODE sheet)
Company Name: SGS North America Inc.	Project Name: TASMCOA: Dr.Joe CC-64N63W 6SESE	
Street Address: 4036 Youngfield Street	Street	Billing Information (if different from Report to)
City State Zip: Wheat Ridge, CO 8003:	City State	Company Name
Project Contact E-mail: parna.eskandaripayandeh@sgs.com	Project #	Street Address
Phone # Fax #: 303-425-6021	Client Purchase Order #	City State Zip
Sampler(s) Name(s) Phone: TB	Project Manager	Attention:

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL- Sludge; SED-Sediment; OIl - 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	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	XCRA7199	LAB USE ONLY
1C	FS03-A@3'		10/17/25	8:59:00 AM	TB	SO										X	
2C	SS07-A@2'		10/17/25	9:05:00 AM	TB	SO										X	
3C	SS08-A@2'		10/17/25	9:11:00 AM	TB	SO										X	
4C	SS09-A@2'		10/17/25	9:14:00 AM	TB	SO										X	
5C	FS04-B@3'		10/17/25	11:39:00 AM	TB	SO										X	
6C	SS10-B@2'		10/17/25	11:43:00 AM	TB	SO										X	
7C	SS11-B@2'		10/17/25	11:47:00 AM	TB	SO										X	
8C	SS12-B@2'		10/17/25	11:53:00 AM	TB	SO										X	
9C	SS13-B@2'		10/17/25	11:58:00 AM	TB	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 10/31/2025

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
- [X] 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
HH-2B

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: 10-20-25	Received By: 1 Fedex	Relinquished By: 2 Fedex	Date Time: 10/21.	Received By: 2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time: 9:40	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. 2-6

10.1 10

DA76397: Chain of Custody
Page 1 of 2
SGS Dayton, NJ

SGS Sample Receipt Summary

Job Number: DA76397 **Client:** SGS NORTH AMERICA INC. **Project:** TASMCOA: DR. JOE CC-64N63W 6SESE

Date / Time Received: 10/21/2025 9:40:00 AM **Delivery Method:** FEDEX **Airbill #'s:** 744490791284

Cooler Temps (Raw Measured) °C: Cooler 1: (2.6);

Cooler Temps (Corrected) °C: Cooler 1: (2.7);

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

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

Quality Control Preservatio	Y	or	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	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

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

Sample Integrity - Instructions	Y	or	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

10.1 10

DA76397: 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: DA76397
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Dr Joe CC-64N63W 6SESE

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chromium, Hexavalent	GP65564/GN76212	0.40	0.0	mg/kg	40	38.8	97.0	80-120%
Chromium, Hexavalent	GP65564/GN76212			mg/kg	933	939	100.6	80-120%
Chromium, Hexavalent	GP65569/GN76226	0.40	0.0	mg/kg	40	40.1	100.3	80-120%
Chromium, Hexavalent	GP65569/GN76226			mg/kg	772	848	109.8	80-120%

Associated Samples:
Batch GP65564: DA76397-1C, DA76397-2C, DA76397-3C
Batch GP65569: DA76397-4C, DA76397-5C, DA76397-6C, DA76397-7C, DA76397-8C, DA76397-9C
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA76397
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Dr Joe CC-64N63W 6SESE

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Chromium, Hexavalent	GP65564/GN76212	DA76390-1	mg/kg	0.0	0.0	0.0	0-20%
Chromium, Hexavalent	GP65569/GN76226	DA76397-4C	mg/kg	0.0	0.0	0.0	0-20%

Associated Samples:
Batch GP65564: DA76397-1C, DA76397-2C, DA76397-3C
Batch GP65569: DA76397-4C, DA76397-5C, DA76397-6C, DA76397-7C, DA76397-8C, DA76397-9C
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA76397
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Dr Joe CC-64N63W 6SESE

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chromium, Hexavalent	GP65564/GN76212	DA76390-1	mg/kg	0.0	47.3	43.6	92.1(a)	75-125%
Chromium, Hexavalent	GP65564/GN76212	DA76390-1	mg/kg	0.0	1240	1340	107.9(b)	75-125%
Chromium, Hexavalent	GP65569/GN76226	DA76397-4C	mg/kg	0.0	49.2	43.9	89.2(c)	75-125%
Chromium, Hexavalent	GP65569/GN76226	DA76397-4C	mg/kg	0.0	981	1040	106.0(b)	75-125%

Associated Samples:
Batch GP65564: DA76397-1C, DA76397-2C, DA76397-3C
Batch GP65569: DA76397-4C, DA76397-5C, DA76397-6C, DA76397-7C, DA76397-8C, DA76397-9C
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(a) Good recovery on soluble XCR matrix spike. Good recovery (104.76) on the post-spike.
(b) Good recovery on insoluble XCR matrix spike. See additional comments on soluble matrix spike recovery.
(c) Good recovery on soluble XCR matrix spike. Good recovery (98.20%) on the post-spike.