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Automated Report

Technical Report for

Chevron USA, Inc.

TASMCOA: Spomer-65N66W 32SESE

8676

SGS Job Number: DA73171

Sampling Date: 06/19/25

Report to:

Chevron USA, Inc.
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Total number of pages in report: **163**

NELAP ACCREDITED TNI LABORATORY

Eric Hoffman

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.

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

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Sample Summary

Chevron USA, Inc.

Job No: DA73171

TASMCOA: Spomer-65N66W 32SESE
Project No: 8676

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA73171-1	06/19/25	10:03	PD	06/19/25	SO	Soil	BKG02@0-1'
DA73171-1A	06/19/25	10:03	PD	06/19/25	SO	Soil	BKG02@0-1'
DA73171-1B	06/19/25	10:03	PD	06/19/25	SO	Soil	BKG02@0-1'
DA73171-2	06/19/25	10:07	PD	06/19/25	SO	Soil	BKG02@2-3'
DA73171-2A	06/19/25	10:07	PD	06/19/25	SO	Soil	BKG02@2-3'
DA73171-2B	06/19/25	10:07	PD	06/19/25	SO	Soil	BKG02@2-3'
DA73171-3	06/19/25	10:11	PD	06/19/25	SO	Soil	BKG02@4-5'
DA73171-3A	06/19/25	10:11	PD	06/19/25	SO	Soil	BKG02@4-5'
DA73171-3B	06/19/25	10:11	PD	06/19/25	SO	Soil	BKG02@4-5'
DA73171-4	06/19/25	10:31	PD	06/19/25	SO	Soil	BKG03@1-2'
DA73171-4A	06/19/25	10:31	PD	06/19/25	SO	Soil	BKG03@1-2'
DA73171-4B	06/19/25	10:31	PD	06/19/25	SO	Soil	BKG03@1-2'
DA73171-5	06/19/25	10:36	PD	06/19/25	SO	Soil	BKG03@3-4'

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

Sample Summary
(continued)

Chevron USA, Inc.

Job No: DA73171

TASMCOA: Spomer-65N66W 32SESE
Project No: 8676

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA73171-5A	06/19/25	10:36	PD	06/19/25	SO	Soil	BKG03@3-4'
DA73171-5B	06/19/25	10:36	PD	06/19/25	SO	Soil	BKG03@3-4'
DA73171-6	06/19/25	10:42	PD	06/19/25	SO	Soil	BKG03@4-5'
DA73171-6A	06/19/25	10:42	PD	06/19/25	SO	Soil	BKG03@4-5'
DA73171-6B	06/19/25	10:42	PD	06/19/25	SO	Soil	BKG03@4-5'
DA73171-7	06/19/25	11:10	PD	06/19/25	SO	Soil	BKG04@0-1'
DA73171-7A	06/19/25	11:10	PD	06/19/25	SO	Soil	BKG04@0-1'
DA73171-7B	06/19/25	11:10	PD	06/19/25	SO	Soil	BKG04@0-1'
DA73171-8	06/19/25	11:15	PD	06/19/25	SO	Soil	BKG04@2-3'
DA73171-8A	06/19/25	11:15	PD	06/19/25	SO	Soil	BKG04@2-3'
DA73171-8B	06/19/25	11:15	PD	06/19/25	SO	Soil	BKG04@2-3'
DA73171-9	06/19/25	11:21	PD	06/19/25	SO	Soil	BKG04@4-5'
DA73171-9A	06/19/25	11:21	PD	06/19/25	SO	Soil	BKG04@4-5'

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

Sample Summary
(continued)

Chevron USA, Inc.

Job No: DA73171

TASMCOA: Spomer-65N66W 32SESE
Project No: 8676

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA73171-9B	06/19/25	11:21	PD	06/19/25	SO	Soil	BKG04@4-5'
DA73171-10	06/19/25	11:43	PD	06/19/25	SO	Soil	BKG05@1-2'
DA73171-10A	06/19/25	11:43	PD	06/19/25	SO	Soil	BKG05@1-2'
DA73171-10B	06/19/25	11:43	PD	06/19/25	SO	Soil	BKG05@1-2'
DA73171-11	06/19/25	11:49	PD	06/19/25	SO	Soil	BKG05@3-4'
DA73171-11A	06/19/25	11:49	PD	06/19/25	SO	Soil	BKG05@3-4'
DA73171-11B	06/19/25	11:49	PD	06/19/25	SO	Soil	BKG05@3-4'
DA73171-12	06/19/25	11:52	PD	06/19/25	SO	Soil	BKG05@4-5'
DA73171-12A	06/19/25	11:52	PD	06/19/25	SO	Soil	BKG05@4-5'
DA73171-12B	06/19/25	11:52	PD	06/19/25	SO	Soil	BKG05@4-5'
DA73171-13	06/19/25	12:08	PD	06/19/25	SO	Soil	BKG06@0-1'
DA73171-13A	06/19/25	12:08	PD	06/19/25	SO	Soil	BKG06@0-1'
DA73171-13B	06/19/25	12:08	PD	06/19/25	SO	Soil	BKG06@0-1'

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

Sample Summary
(continued)

Chevron USA, Inc.

Job No: DA73171

TASMCOA: Spomer-65N66W 32SESE
Project No: 8676

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
DA73171-14	06/19/25	12:12	PD	06/19/25	SO	Soil	BKG06@2-3'
DA73171-14A	06/19/25	12:12	PD	06/19/25	SO	Soil	BKG06@2-3'
DA73171-14B	06/19/25	12:12	PD	06/19/25	SO	Soil	BKG06@2-3'
DA73171-15	06/19/25	12:17	PD	06/19/25	SO	Soil	BKG06@4-5'
DA73171-15A	06/19/25	12:17	PD	06/19/25	SO	Soil	BKG06@4-5'
DA73171-15B	06/19/25	12:17	PD	06/19/25	SO	Soil	BKG06@4-5'

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

Summary of Hits

Job Number: DA73171
Account: Chevron USA, Inc.
Project: TASMCOA: Spomer-65N66W 32SESE
Collected: 06/19/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA73171-1	**BKG02@0-1'**					
Arsenic [a]		7.9	3.0		mg/kg	SW846 6020A
Barium [b]		265	0.75		mg/kg	SW846 6020A
Cadmium [b]		0.56	0.37		mg/kg	SW846 6020A
Copper [a]		28.4	3.0		mg/kg	SW846 6020A
Lead [b]		21.8	0.75		mg/kg	SW846 6020A
Nickel [a]		24.7	3.0		mg/kg	SW846 6020A
Selenium [a]		3.7	3.0		mg/kg	SW846 6020A
Zinc [a]		115	3.0		mg/kg	SW846 6020A
pH [c]		7.24			su	WREP-125,4E-SATPASTE
Specific Conductivity [c]		2.4	0.010		mmhos/cm	SM 2510B-2011 MOD
DA73171-1A	**BKG02@0-1'**					
Calcium [b]		189	0.50		mg/l	SW846 6010C
Magnesium [b]		61.3	0.50		mg/l	SW846 6010C
Sodium [b]		45.7	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio [d]		0.739			ratio	USDA HANDBOOK 60
DA73171-1B	**BKG02@0-1'**					
No hits reported in this sample.						
DA73171-2	**BKG02@2-3'**					
Arsenic [a]		10.8	2.4		mg/kg	SW846 6020A
Barium [b]		130	0.59		mg/kg	SW846 6020A
Copper [a]		15.8	2.4		mg/kg	SW846 6020A
Lead [b]		17.0	0.59		mg/kg	SW846 6020A
Nickel [a]		16.6	2.4		mg/kg	SW846 6020A
Selenium [a]		3.3	2.4		mg/kg	SW846 6020A
Zinc [a]		66.1	2.4		mg/kg	SW846 6020A
pH [c]		8.01			su	WREP-125,4E-SATPASTE
Specific Conductivity [c]		2.7	0.010		mmhos/cm	SM 2510B-2011 MOD
DA73171-2A	**BKG02@2-3'**					
Calcium [b]		326	0.50		mg/l	SW846 6010C
Magnesium [b]		115	0.50		mg/l	SW846 6010C
Sodium [b]		65.2	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio [d]		0.790			ratio	USDA HANDBOOK 60

Summary of Hits

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Project: TASMCOA: Spomer-65N66W 32SESE
Collected: 06/19/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA73171-2B	**BKG02@2-3'**					
No hits reported in this sample.						
DA73171-3	**BKG02@4-5'**					
Arsenic [a]		9.5	2.4		mg/kg	SW846 6020A
Barium [b]		81.3	0.59		mg/kg	SW846 6020A
Copper [a]		17.6	2.4		mg/kg	SW846 6020A
Lead [b]		18.5	0.59		mg/kg	SW846 6020A
Nickel [a]		17.1	2.4		mg/kg	SW846 6020A
Selenium [a]		3.0	2.4		mg/kg	SW846 6020A
Zinc [a]		74.6	2.4		mg/kg	SW846 6020A
pH [c]		7.75			su	WREP-125,4E-SATPASTE
Specific Conductivity [c]		1.7	0.010		mmhos/cm	SM 2510B-2011 MOD
DA73171-3A	**BKG02@4-5'**					
Calcium [b]		148	0.50		mg/l	SW846 6010C
Magnesium [b]		47.7	0.50		mg/l	SW846 6010C
Sodium [b]		46.9	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio [d]		0.857			ratio	USDA HANDBOOK 60
DA73171-3B	**BKG02@4-5'**					
No hits reported in this sample.						
DA73171-4	**BKG03@1-2'**					
Arsenic [a]		19.8	2.5		mg/kg	SW846 6020A
Barium [b]		35.4	0.62		mg/kg	SW846 6020A
Copper [a]		18.8	2.5		mg/kg	SW846 6020A
Lead [b]		25.3	0.62		mg/kg	SW846 6020A
Nickel [a]		18.7	2.5		mg/kg	SW846 6020A
Selenium [a]		3.4	2.5		mg/kg	SW846 6020A
Zinc [a]		84.6	2.5		mg/kg	SW846 6020A
pH [c]		7.63			su	WREP-125,4E-SATPASTE
Specific Conductivity [c]		7.4	0.010		mmhos/cm	SM 2510B-2011 MOD
DA73171-4A	**BKG03@1-2'**					
Calcium [b]		255	0.50		mg/l	SW846 6010C
Magnesium [b]		727	0.50		mg/l	SW846 6010C
Sodium [b]		315	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio [d]		2.28			ratio	USDA HANDBOOK 60

Summary of Hits

Job Number: DA73171
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Project: TASMCOA: Spomer-65N66W 32SESE
Collected: 06/19/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA73171-4B	**BKG03@1-2'**					
No hits reported in this sample.						
DA73171-5	**BKG03@3-4'**					
Arsenic [a]		6.3	2.5		mg/kg	SW846 6020A
Barium [a]		17.8	2.5		mg/kg	SW846 6020A
Copper [a]		6.2	2.5		mg/kg	SW846 6020A
Lead [a]		10.5	2.5		mg/kg	SW846 6020A
Nickel [a]		14.3	2.5		mg/kg	SW846 6020A
Selenium [a]		2.5	2.5		mg/kg	SW846 6020A
Zinc [a]		44.5	2.5		mg/kg	SW846 6020A
pH [c]		6.91			su	WREP-125,4E-SATPASTE
Specific Conductivity [c]		5.3	0.010		mmhos/cm	SM 2510B-2011 MOD
DA73171-5A	**BKG03@3-4'**					
Calcium [b]		346	0.50		mg/l	SW846 6010C
Magnesium [b]		586	0.50		mg/l	SW846 6010C
Sodium [b]		231	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio [d]		1.76			ratio	USDA HANDBOOK 60
DA73171-5B	**BKG03@3-4'**					
No hits reported in this sample.						
DA73171-6	**BKG03@4-5'**					
Arsenic [a]		4.2	2.4		mg/kg	SW846 6020A
Barium [a]		15.7	2.4		mg/kg	SW846 6020A
Copper [a]		6.9	2.4		mg/kg	SW846 6020A
Lead [a]		8.4	2.4		mg/kg	SW846 6020A
Nickel [a]		8.6	2.4		mg/kg	SW846 6020A
Selenium [a]		1.4	1.2		mg/kg	SW846 6020A
Zinc [a]		40.5	2.4		mg/kg	SW846 6020A
pH [c]		7.42			su	WREP-125,4E-SATPASTE
Specific Conductivity [c]		6.0	0.010		mmhos/cm	SM 2510B-2011 MOD
DA73171-6A	**BKG03@4-5'**					
Calcium [b]		465	0.50		mg/l	SW846 6010C
Magnesium [b]		742	0.50		mg/l	SW846 6010C
Sodium [b]		351	2.5		mg/l	SW846 6010C

Summary of Hits

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Collected: 06/19/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Sodium Adsorption Ratio [d]		2.35			ratio	USDA HANDBOOK 60
DA73171-6B	**BKG03@4-5'**					
No hits reported in this sample.						
DA73171-7	**BKG04@0-1'**					
Arsenic [a]		11.6	2.3		mg/kg	SW846 6020A
Barium [a]		47.2	2.3		mg/kg	SW846 6020A
Copper [a]		12.1	2.3		mg/kg	SW846 6020A
Lead [a]		22.0	2.3		mg/kg	SW846 6020A
Nickel [a]		15.2	2.3		mg/kg	SW846 6020A
Selenium [a]		5.2	2.9		mg/kg	SW846 6020A
Zinc [a]		75.9	2.3		mg/kg	SW846 6020A
pH [c]		7.10			su	WREP-125,4E-SATPASTE
Specific Conductivity [c]		2.9	0.010		mmhos/cm	SM 2510B-2011 MOD
DA73171-7A	**BKG04@0-1'**					
Calcium [b]		477	0.50		mg/l	SW846 6010C
Magnesium [b]		195	0.50		mg/l	SW846 6010C
Sodium [b]		32.0	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio [d]		0.312			ratio	USDA HANDBOOK 60
DA73171-7B	**BKG04@0-1'**					
No hits reported in this sample.						
DA73171-8	**BKG04@2-3'**					
Arsenic [a]		9.9	2.5		mg/kg	SW846 6020A
Barium [a]		22.6	2.5		mg/kg	SW846 6020A
Copper [a]		12.5	2.5		mg/kg	SW846 6020A
Lead [a]		19.1	2.5		mg/kg	SW846 6020A
Nickel [a]		14.2	2.5		mg/kg	SW846 6020A
Zinc [a]		65.0	2.5		mg/kg	SW846 6020A
pH [c]		7.13			su	WREP-125,4E-SATPASTE
Specific Conductivity [c]		7.1	0.010		mmhos/cm	SM 2510B-2011 MOD
DA73171-8A	**BKG04@2-3'**					
Calcium [b]		298	0.50		mg/l	SW846 6010C
Magnesium [b]		827	0.50		mg/l	SW846 6010C
Sodium [b]		276	2.5		mg/l	SW846 6010C

Summary of Hits

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Collected: 06/19/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Sodium Adsorption Ratio [d]		1.87			ratio	USDA HANDBOOK 60
DA73171-8B	**BKG04@2-3'**					
No hits reported in this sample.						
DA73171-9	**BKG04@4-5'**					
Arsenic [a]		11.1	2.6		mg/kg	SW846 6020A
Barium [a]		31.3	2.6		mg/kg	SW846 6020A
Copper [a]		15.9	2.6		mg/kg	SW846 6020A
Lead [a]		18.3	2.6		mg/kg	SW846 6020A
Nickel [a]		13.9	2.6		mg/kg	SW846 6020A
Selenium [a]		3.9	3.2		mg/kg	SW846 6020A
Zinc [a]		74.1	2.6		mg/kg	SW846 6020A
pH [c]		7.42			su	WREP-125,4E-SATPASTE
Specific Conductivity [c]		6.6	0.010		mmhos/cm	SM 2510B-2011 MOD
DA73171-9A	**BKG04@4-5'**					
Calcium [b]		201	0.50		mg/l	SW846 6010C
Magnesium [b]		657	0.50		mg/l	SW846 6010C
Sodium [b]		257	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio [d]		1.98			ratio	USDA HANDBOOK 60
DA73171-9B	**BKG04@4-5'**					
No hits reported in this sample.						
DA73171-10	**BKG05@1-2'**					
Arsenic [a]		7.6	2.3		mg/kg	SW846 6020A
Barium [a]		32.2	2.3		mg/kg	SW846 6020A
Copper [a]		12.1	2.3		mg/kg	SW846 6020A
Lead [a]		15.9	2.3		mg/kg	SW846 6020A
Nickel [a]		15.3	2.3		mg/kg	SW846 6020A
Selenium [a]		2.4	2.3		mg/kg	SW846 6020A
Zinc [a]		60.3	2.3		mg/kg	SW846 6020A
pH [c]		7.59			su	WREP-125,4E-SATPASTE
Specific Conductivity [c]		6.3	0.010		mmhos/cm	SM 2510B-2011 MOD
DA73171-10A	**BKG05@1-2'**					
Calcium [b]		343	0.50		mg/l	SW846 6010C
Magnesium [b]		647	0.50		mg/l	SW846 6010C

Summary of Hits

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Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Sodium [b]		235	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio [d]		1.72			ratio	USDA HANDBOOK 60
DA73171-10B	**BKG05@1-2'**					
No hits reported in this sample.						
DA73171-11	**BKG05@3-4'**					
Arsenic [a]		6.8	2.5		mg/kg	SW846 6020A
Barium [a]		32.1	2.5		mg/kg	SW846 6020A
Copper [a]		9.2	2.5		mg/kg	SW846 6020A
Lead [a]		14.2	2.5		mg/kg	SW846 6020A
Nickel [a]		11.5	2.5		mg/kg	SW846 6020A
Zinc [a]		50.9	2.5		mg/kg	SW846 6020A
pH [c]		7.11			su	WREP-125,4E-SATPASTE
Specific Conductivity [c]		6.5	0.010		mmhos/cm	SM 2510B-2011 MOD
DA73171-11A	**BKG05@3-4'**					
Calcium [b]		294	0.50		mg/l	SW846 6010C
Magnesium [b]		650	0.50		mg/l	SW846 6010C
Sodium [b]		282	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio [d]		2.10			ratio	USDA HANDBOOK 60
DA73171-11B	**BKG05@3-4'**					
No hits reported in this sample.						
DA73171-12	**BKG05@4-5'**					
Arsenic [a]		9.8	2.5		mg/kg	SW846 6020A
Barium [a]		26.0	2.5		mg/kg	SW846 6020A
Copper [a]		15.9	2.5		mg/kg	SW846 6020A
Lead [a]		15.8	2.5		mg/kg	SW846 6020A
Nickel [a]		14.1	2.5		mg/kg	SW846 6020A
Zinc [a]		66.6	2.5		mg/kg	SW846 6020A
pH [c]		8.33			su	WREP-125,4E-SATPASTE
Specific Conductivity [c]		7.2	0.010		mmhos/cm	SM 2510B-2011 MOD
DA73171-12A	**BKG05@4-5'**					
Calcium [b]		280	0.50		mg/l	SW846 6010C
Magnesium [b]		754	0.50		mg/l	SW846 6010C
Sodium [b]		325	2.5		mg/l	SW846 6010C

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Job Number: DA73171
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Collected: 06/19/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Sodium Adsorption Ratio [d]		2.30			ratio	USDA HANDBOOK 60
DA73171-12B	**BKG05@4-5'**					
No hits reported in this sample.						
DA73171-13	**BKG06@0-1'**					
Arsenic [e]		9.6	7.4		mg/kg	SW846 6020A
Barium [e]		125	7.4		mg/kg	SW846 6020A
Copper [e]		13.3	7.4		mg/kg	SW846 6020A
Lead [e]		15.5	7.4		mg/kg	SW846 6020A
Nickel [e]		16.0	7.4		mg/kg	SW846 6020A
Zinc [e]		66.4	7.4		mg/kg	SW846 6020A
pH [c]		7.24			su	WREP-125,4E-SATPASTE
Specific Conductivity [c]		0.26	0.010		mmhos/cm	SM 2510B-2011 MOD
DA73171-13A	**BKG06@0-1'**					
Calcium [b]		126	0.50		mg/l	SW846 6010C
Magnesium [b]		10.9	0.50		mg/l	SW846 6010C
Sodium [b]		3.90	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio [d]		0.0894			ratio	USDA HANDBOOK 60
DA73171-13B	**BKG06@0-1'**					
No hits reported in this sample.						
DA73171-14	**BKG06@2-3'**					
Arsenic [a]		6.5	2.3		mg/kg	SW846 6020A
Barium [a]		53.2	2.3		mg/kg	SW846 6020A
Copper [a]		11.9	2.3		mg/kg	SW846 6020A
Lead [a]		12.5	2.3		mg/kg	SW846 6020A
Nickel [a]		11.6	2.3		mg/kg	SW846 6020A
Zinc [a]		52.9	2.3		mg/kg	SW846 6020A
pH [c]		7.52			su	WREP-125,4E-SATPASTE
Specific Conductivity [c]		0.42	0.010		mmhos/cm	SM 2510B-2011 MOD
DA73171-14A	**BKG06@2-3'**					
Calcium [b]		59.2	0.50		mg/l	SW846 6010C
Magnesium [b]		16.7	0.50		mg/l	SW846 6010C
Sodium [b]		15.6	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio [d]		0.461			ratio	USDA HANDBOOK 60

Summary of Hits

Job Number: DA73171
Account: Chevron USA, Inc.
Project: TASMCOA: Spomer-65N66W 32SESE
Collected: 06/19/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA73171-14B	**BKG06@2-3'**					
No hits reported in this sample.						
DA73171-15	**BKG06@4-5'**					
Arsenic [a]		8.5	2.4		mg/kg	SW846 6020A
Barium [a]		54.9	2.4		mg/kg	SW846 6020A
Copper [a]		11.3	2.4		mg/kg	SW846 6020A
Lead [a]		13.7	2.4		mg/kg	SW846 6020A
Nickel [a]		12.6	2.4		mg/kg	SW846 6020A
Selenium [a]		3.0	3.0		mg/kg	SW846 6020A
Zinc [a]		56.6	2.4		mg/kg	SW846 6020A
pH [c]		7.31			su	WREP-125,4E-SATPASTE
Specific Conductivity [c]		0.64	0.010		mmhos/cm	SM 2510B-2011 MOD
DA73171-15A	**BKG06@4-5'**					
Calcium [b]		46.7	0.50		mg/l	SW846 6010C
Magnesium [b]		25.9	0.50		mg/l	SW846 6010C
Sodium [b]		46.9	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio [d]		1.37			ratio	USDA HANDBOOK 60
DA73171-15B	**BKG06@4-5'**					
No hits reported in this sample.						

(a) Elevated reporting limit due to dilution required for internal standard failure. Analysis performed at SGS Scott, LA.
(b) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.
(c) Analysis performed at SGS Scott, LA.
(d) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]
(e) Elevated reporting limit due to dilution required for internal standard failure. Lower dilutions did not pass for internal standards. Analysis performed at SGS Scott, LA.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	BKG02@0-1'		
Lab Sample ID:	DA73171-1	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	66.8
Project:	TASMCOA: Spomer-65N66W 32SESE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	7.9	3.0	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [2]	SW846 3050B [4]
Barium [b]	265	0.75	mg/kg	5	06/24/25	06/27/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Cadmium [b]	0.56	0.37	mg/kg	5	06/24/25	06/27/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Copper [a]	28.4	3.0	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [2]	SW846 3050B [4]
Lead [b]	21.8	0.75	mg/kg	5	06/24/25	06/27/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Nickel [a]	24.7	3.0	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [2]	SW846 3050B [4]
Selenium [a]	3.7	3.0	mg/kg	20	06/24/25	07/01/25	ALA	SW846 6020A [3]	SW846 3050B [4]
Silver [b]	< 0.75	0.75	mg/kg	5	06/24/25	06/27/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Zinc [a]	115	3.0	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [2]	SW846 3050B [4]

(1) Instrument QC Batch: L:MA30167
(2) Instrument QC Batch: L:MA30177
(3) Instrument QC Batch: L:MA30182
(4) Prep QC Batch: L:MP30921

(a) Elevated reporting limit due to dilution required for internal standard failure. Analysis performed at SGS Scott, LA.
(b) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG02@0-1'		
Lab Sample ID:	DA73171-1	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	66.8
Project:	TASMCOA: Spomer-65N66W 32SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH [a]	7.24		su	1	06/27/25 07:30	ALA	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity [a]	2.4	0.010	mmhos/cm	1	06/27/25 12:00	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent [b]	< 0.62	0.62	mg/kg	1	07/02/25 11:12	ANJ	SW846 3060A/7199
Solids, Percent [a]	66.8		%	1	06/25/25 10:00	ALA	SM2540 G-97

(a) Analysis performed at SGS Scott, LA.
(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG02@0-1'		
Lab Sample ID:	DA73171-1A	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	66.8
Project:	TASMCOA: Spomer-65N66W 32SESE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium [a]	189	0.50	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium [a]	61.3	0.50	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium [a]	45.7	2.5	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: L:MA30168
(2) Prep QC Batch: L:MP30950

(a) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG02@0-1'		
Lab Sample ID:	DA73171-1A	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	66.8
Project:	TASMCOA: Spomer-65N66W 32SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.739		ratio	1	06/27/25 14:22	ALA	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:	BKG02@0-1'		
Lab Sample ID:	DA73171-1B	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	66.8
Project:	TASMCOA: Spomer-65N66W 32SESE		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron [a]	< 0.50	0.50	mg/l	1	06/26/25	06/26/25	ALA	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: L:MA30144
(2) Prep QC Batch: L:MP30937

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG02@2-3'		
Lab Sample ID:	DA73171-2	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	79.8
Project:	TASMCOA: Spomer-65N66W 32SESE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	10.8	2.4	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [2]	SW846 3050B [4]
Barium [b]	130	0.59	mg/kg	5	06/24/25	06/27/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Cadmium [b]	< 0.30	0.30	mg/kg	5	06/24/25	06/27/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Copper [a]	15.8	2.4	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [2]	SW846 3050B [4]
Lead [b]	17.0	0.59	mg/kg	5	06/24/25	06/27/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Nickel [a]	16.6	2.4	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [2]	SW846 3050B [4]
Selenium [a]	3.3	2.4	mg/kg	20	06/24/25	07/01/25	ALA	SW846 6020A [3]	SW846 3050B [4]
Silver [b]	< 0.59	0.59	mg/kg	5	06/24/25	06/27/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Zinc [a]	66.1	2.4	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [2]	SW846 3050B [4]

(1) Instrument QC Batch: L:MA30167
(2) Instrument QC Batch: L:MA30177
(3) Instrument QC Batch: L:MA30182
(4) Prep QC Batch: L:MP30921

(a) Elevated reporting limit due to dilution required for internal standard failure. Analysis performed at SGS Scott, LA.
(b) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG02@2-3'		
Lab Sample ID:	DA73171-2	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	79.8
Project:	TASMCOA: Spomer-65N66W 32SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH [a]	8.01		su	1	06/27/25 07:30	ALA	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity [a]	2.7	0.010	mmhos/cm	1	06/27/25 12:00	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent [b]	< 0.50	0.50	mg/kg	1	07/02/25 11:36	ANJ	SW846 3060A/7199
Solids, Percent [a]	79.8		%	1	06/25/25 10:00	ALA	SM2540 G-97

(a) Analysis performed at SGS Scott, LA.
(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG02@2-3'		
Lab Sample ID:	DA73171-2A	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	79.8
Project:	TASMCOA: Spomer-65N66W 32SESE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium [a]	326	0.50	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium [a]	115	0.50	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium [a]	65.2	2.5	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: L:MA30168
(2) Prep QC Batch: L:MP30950

(a) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG02@2-3'		
Lab Sample ID:	DA73171-2A	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	79.8
Project:	TASMCOA: Spomer-65N66W 32SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.790		ratio	1	06/27/25 14:28	ALA	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:	BKG02@2-3'		
Lab Sample ID:	DA73171-2B	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	79.8
Project:	TASMCOA: Spomer-65N66W 32SESE		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron [a]	< 0.50	0.50	mg/l	1	06/26/25	06/26/25	ALA	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: L:MA30144
(2) Prep QC Batch: L:MP30937

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG02@4-5'		
Lab Sample ID:	DA73171-3	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	81.7
Project:	TASMCOA: Spomer-65N66W 32SESE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	9.5	2.4	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [2]	SW846 3050B [4]
Barium [b]	81.3	0.59	mg/kg	5	06/24/25	06/27/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Cadmium [b]	< 0.29	0.29	mg/kg	5	06/24/25	06/27/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Copper [a]	17.6	2.4	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [2]	SW846 3050B [4]
Lead [b]	18.5	0.59	mg/kg	5	06/24/25	06/27/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Nickel [a]	17.1	2.4	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [2]	SW846 3050B [4]
Selenium [a]	3.0	2.4	mg/kg	20	06/24/25	07/01/25	ALA	SW846 6020A [3]	SW846 3050B [4]
Silver [b]	< 0.59	0.59	mg/kg	5	06/24/25	06/27/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Zinc [a]	74.6	2.4	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [2]	SW846 3050B [4]

(1) Instrument QC Batch: L:MA30167
(2) Instrument QC Batch: L:MA30177
(3) Instrument QC Batch: L:MA30182
(4) Prep QC Batch: L:MP30921

(a) Elevated reporting limit due to dilution required for internal standard failure. Analysis performed at SGS Scott, LA.
(b) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG02@4-5'		
Lab Sample ID:	DA73171-3	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	81.7
Project:	TASMCOA: Spomer-65N66W 32SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH [a]	7.75		su	1	06/27/25 07:30	ALA	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity [a]	1.7	0.010	mmhos/cm	1	06/27/25 12:00	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent [b]	< 0.50	0.50	mg/kg	1	07/02/25 12:55	ANJ	SW846 3060A/7199
Solids, Percent [a]	81.7		%	1	06/25/25 10:00	ALA	SM2540 G-97

(a) Analysis performed at SGS Scott, LA.
(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG02@4-5'		
Lab Sample ID:	DA73171-3A	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	81.7
Project:	TASMCOA: Spomer-65N66W 32SESE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium [a]	148	0.50	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium [a]	47.7	0.50	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium [a]	46.9	2.5	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: L:MA30168
(2) Prep QC Batch: L:MP30950

(a) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG02@4-5'		
Lab Sample ID:	DA73171-3A	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	81.7
Project:	TASMCOA: Spomer-65N66W 32SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.857		ratio	1	06/27/25 14:34	ALA	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:	BKG02@4-5'		
Lab Sample ID:	DA73171-3B	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	81.7
Project:	TASMCOA: Spomer-65N66W 32SESE		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron [a]	< 0.50	0.50	mg/l	1	06/26/25	06/26/25	ALA	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: L:MA30144
(2) Prep QC Batch: L:MP30937

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG03@1-2'		
Lab Sample ID:	DA73171-4	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	75.1
Project:	TASMCOA: Spomer-65N66W 32SESE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	19.8	2.5	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [2]	SW846 3050B [4]
Barium [b]	35.4	0.62	mg/kg	5	06/24/25	06/27/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Cadmium [b]	< 0.31	0.31	mg/kg	5	06/24/25	06/27/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Copper [a]	18.8	2.5	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [2]	SW846 3050B [4]
Lead [b]	25.3	0.62	mg/kg	5	06/24/25	06/27/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Nickel [a]	18.7	2.5	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [2]	SW846 3050B [4]
Selenium [a]	3.4	2.5	mg/kg	20	06/24/25	07/01/25	ALA	SW846 6020A [3]	SW846 3050B [4]
Silver [b]	< 0.62	0.62	mg/kg	5	06/24/25	06/27/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Zinc [a]	84.6	2.5	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [2]	SW846 3050B [4]

(1) Instrument QC Batch: L:MA30167
(2) Instrument QC Batch: L:MA30177
(3) Instrument QC Batch: L:MA30182
(4) Prep QC Batch: L:MP30921

(a) Elevated reporting limit due to dilution required for internal standard failure. Analysis performed at SGS Scott, LA.
(b) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG03@1-2'		
Lab Sample ID:	DA73171-4	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	75.1
Project:	TASMCOA: Spomer-65N66W 32SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH [a]	7.63		su	1	06/27/25 07:30	ALA	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity [a]	7.4	0.010	mmhos/cm	1	06/27/25 12:00	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent [b]	< 0.55	0.55	mg/kg	1	07/02/25 13:03	ANJ	SW846 3060A/7199
Solids, Percent [a]	75.1		%	1	06/25/25 10:00	ALA	SM2540 G-97

(a) Analysis performed at SGS Scott, LA.
(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG03@1-2'		
Lab Sample ID:	DA73171-4A	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	75.1
Project:	TASMCOA: Spomer-65N66W 32SESE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium [a]	255	0.50	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium [a]	727	0.50	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium [a]	315	2.5	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: L:MA30168
(2) Prep QC Batch: L:MP30950

(a) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG03@1-2'		
Lab Sample ID:	DA73171-4A	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	75.1
Project:	TASMCOA: Spomer-65N66W 32SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	2.28		ratio	1	06/27/25 14:40	ALA	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:	BKG03@1-2'		
Lab Sample ID:	DA73171-4B	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	75.1
Project:	TASMCOA: Spomer-65N66W 32SESE		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron [a]	< 0.50	0.50	mg/l	1	06/26/25	06/26/25	ALA	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: L:MA30144
(2) Prep QC Batch: L:MP30937

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG03@3-4'		
Lab Sample ID:	DA73171-5	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	77.7
Project:	TASMCOA: Spomer-65N66W 32SESE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	6.3	2.5	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Barium [a]	17.8	2.5	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Cadmium [b]	< 0.31	0.31	mg/kg	5	06/24/25	07/02/25	ALA	SW846 6020A [3]	SW846 3050B [4]
Copper [a]	6.2	2.5	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Lead [a]	10.5	2.5	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Nickel [a]	14.3	2.5	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Selenium [a]	2.5	2.5	mg/kg	20	06/24/25	07/01/25	ALA	SW846 6020A [2]	SW846 3050B [4]
Silver [b]	< 0.62	0.62	mg/kg	5	06/24/25	07/02/25	ALA	SW846 6020A [3]	SW846 3050B [4]
Zinc [a]	44.5	2.5	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [4]

(1) Instrument QC Batch: L:MA30177
(2) Instrument QC Batch: L:MA30182
(3) Instrument QC Batch: L:MA30195
(4) Prep QC Batch: L:MP30921

(a) Elevated reporting limit due to dilution required for internal standard failure. Analysis performed at SGS Scott, LA.
(b) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG03@3-4'		
Lab Sample ID:	DA73171-5	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	77.7
Project:	TASMCOA: Spomer-65N66W 32SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH [a]	6.91		su	1	06/27/25 07:30	ALA	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity [a]	5.3	0.010	mmhos/cm	1	06/27/25 12:00	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent [b]	< 0.50	0.50	mg/kg	1	07/02/25 13:19	ANJ	SW846 3060A/7199
Solids, Percent [a]	77.7		%	1	06/25/25 10:00	ALA	SM2540 G-97

(a) Analysis performed at SGS Scott, LA.
(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG03@3-4'		
Lab Sample ID:	DA73171-5A	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	77.7
Project:	TASMCOA: Spomer-65N66W 32SESE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium [a]	346	0.50	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium [a]	586	0.50	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium [a]	231	2.5	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: L:MA30168
(2) Prep QC Batch: L:MP30950

(a) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG03@3-4'		
Lab Sample ID:	DA73171-5A	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	77.7
Project:	TASMCOA: Spomer-65N66W 32SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	1.76		ratio	1	06/27/25 14:46	ALA	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:	BKG03@3-4'		
Lab Sample ID:	DA73171-5B	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	77.7
Project:	TASMCOA: Spomer-65N66W 32SESE		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron [a]	< 0.50	0.50	mg/l	1	06/26/25	06/26/25	ALA	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: L:MA30144
(2) Prep QC Batch: L:MP30937

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG03@4-5'		
Lab Sample ID:	DA73171-6	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	84.1
Project:	TASMCOA: Spomer-65N66W 32SESE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	4.2	2.4	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Barium [a]	15.7	2.4	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Cadmium [b]	< 0.12	0.12	mg/kg	2	06/24/25	07/01/25	ALA	SW846 6020A [2]	SW846 3050B [4]
Copper [a]	6.9	2.4	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Lead [a]	8.4	2.4	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Nickel [a]	8.6	2.4	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Selenium [a]	1.4	1.2	mg/kg	10	06/24/25	07/02/25	ALA	SW846 6020A [3]	SW846 3050B [4]
Silver [b]	< 0.24	0.24	mg/kg	2	06/24/25	07/01/25	ALA	SW846 6020A [2]	SW846 3050B [4]
Zinc [a]	40.5	2.4	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [4]

(1) Instrument QC Batch: L:MA30177
(2) Instrument QC Batch: L:MA30182
(3) Instrument QC Batch: L:MA30195
(4) Prep QC Batch: L:MP30921

(a) Elevated reporting limit due to dilution required for internal standard failure. Analysis performed at SGS Scott, LA.
(b) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG03@4-5'		
Lab Sample ID:	DA73171-6	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	84.1
Project:	TASMCOA: Spomer-65N66W 32SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH [a]	7.42		su	1	06/27/25 07:30	ALA	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity [a]	6.0	0.010	mmhos/cm	1	06/27/25 12:00	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent [b]	< 0.47	0.47	mg/kg	1	07/02/25 13:35	ANJ	SW846 3060A/7199
Solids, Percent [a]	84.1		%	1	06/25/25 10:00	ALA	SM2540 G-97

(a) Analysis performed at SGS Scott, LA.
(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG03@4-5'		
Lab Sample ID:	DA73171-6A	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	84.1
Project:	TASMCOA: Spomer-65N66W 32SESE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium [a]	465	0.50	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium [a]	742	0.50	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium [a]	351	2.5	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: L:MA30168
(2) Prep QC Batch: L:MP30950

(a) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG03@4-5'		
Lab Sample ID:	DA73171-6A	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	84.1
Project:	TASMCOA: Spomer-65N66W 32SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	2.35		ratio	1	06/27/25 14:52	ALA	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:	BKG03@4-5'		
Lab Sample ID:	DA73171-6B	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	84.1
Project:	TASMCOA: Spomer-65N66W 32SESE		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron [a]	< 0.50	0.50	mg/l	1	06/26/25	06/26/25	ALA	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: L:MA30144
(2) Prep QC Batch: L:MP30937

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG04@0-1'		
Lab Sample ID:	DA73171-7	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	83.4
Project:	TASMCOA: Spomer-65N66W 32SESE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	11.6	2.3	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [3]
Barium [a]	47.2	2.3	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [3]
Cadmium [b]	< 0.29	0.29	mg/kg	5	06/24/25	07/02/25	ALA	SW846 6020A [2]	SW846 3050B [3]
Copper [a]	12.1	2.3	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [3]
Lead [a]	22.0	2.3	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [3]
Nickel [a]	15.2	2.3	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [3]
Selenium [a]	5.2	2.9	mg/kg	25	06/24/25	07/02/25	ALA	SW846 6020A [2]	SW846 3050B [3]
Silver [b]	< 0.58	0.58	mg/kg	5	06/24/25	07/02/25	ALA	SW846 6020A [2]	SW846 3050B [3]
Zinc [a]	75.9	2.3	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [3]

(1) Instrument QC Batch: L:MA30177
(2) Instrument QC Batch: L:MA30195
(3) Prep QC Batch: L:MP30921

(a) Elevated reporting limit due to dilution required for internal standard failure. Analysis performed at SGS Scott, LA.
(b) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG04@0-1'		
Lab Sample ID:	DA73171-7	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	83.4
Project:	TASMCOA: Spomer-65N66W 32SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH [a]	7.10		su	1	06/27/25 07:30	ALA	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity [a]	2.9	0.010	mmhos/cm	1	06/27/25 12:00	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent [b]	< 0.47	0.47	mg/kg	1	07/02/25 09:45	ANJ	SW846 3060A/7199
Solids, Percent [a]	83.4		%	1	06/25/25 10:00	ALA	SM2540 G-97

(a) Analysis performed at SGS Scott, LA.
(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG04@0-1'		
Lab Sample ID:	DA73171-7A	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	83.4
Project:	TASMCOA: Spomer-65N66W 32SESE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium [a]	477	0.50	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium [a]	195	0.50	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium [a]	32.0	2.5	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: L:MA30168
(2) Prep QC Batch: L:MP30950

(a) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG04@0-1'		
Lab Sample ID:	DA73171-7A	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	83.4
Project:	TASMCOA: Spomer-65N66W 32SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.312		ratio	1	06/27/25 14:09	ALA	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG04@0-1'		
Lab Sample ID:	DA73171-7B	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	83.4
Project:	TASMCOA: Spomer-65N66W 32SESE		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron [a]	< 0.50	0.50	mg/l	1	06/26/25	06/26/25	ALA	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: L:MA30144
(2) Prep QC Batch: L:MP30937

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG04@2-3'		
Lab Sample ID:	DA73171-8	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	81.2
Project:	TASMCOA: Spomer-65N66W 32SESE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	9.9	2.5	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Barium [a]	22.6	2.5	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Cadmium [b]	< 0.12	0.12	mg/kg	2	06/24/25	07/01/25	ALA	SW846 6020A [2]	SW846 3050B [4]
Copper [a]	12.5	2.5	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Lead [a]	19.1	2.5	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Nickel [a]	14.2	2.5	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Selenium [c]	< 2.5	2.5	mg/kg	20	06/24/25	07/02/25	ALA	SW846 6020A [3]	SW846 3050B [4]
Silver [b]	< 0.25	0.25	mg/kg	2	06/24/25	07/01/25	ALA	SW846 6020A [2]	SW846 3050B [4]
Zinc [a]	65.0	2.5	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [4]

(1) Instrument QC Batch: L:MA30177
(2) Instrument QC Batch: L:MA30182
(3) Instrument QC Batch: L:MA30195
(4) Prep QC Batch: L:MP30921

(a) Elevated reporting limit due to dilution required for internal standard failure. Analysis performed at SGS Scott, LA.
(b) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.
(c) Elevated reporting limit due to dilution required for internal standard failure. Could not report at lower dilution. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG04@2-3'		
Lab Sample ID:	DA73171-8	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	81.2
Project:	TASMCOA: Spomer-65N66W 32SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH [a]	7.13		su	1	06/27/25 07:30	ALA	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity [a]	7.1	0.010	mmhos/cm	1	06/27/25 12:00	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent [b]	< 0.50	0.50	mg/kg	1	07/02/25 13:51	ANJ	SW846 3060A/7199
Solids, Percent [a]	81.2		%	1	06/25/25 10:00	ALA	SM2540 G-97

(a) Analysis performed at SGS Scott, LA.
(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG04@2-3'		
Lab Sample ID:	DA73171-8A	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	81.2
Project:	TASMCOA: Spomer-65N66W 32SESE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium [a]	298	0.50	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium [a]	827	0.50	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium [a]	276	2.5	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: L:MA30168
(2) Prep QC Batch: L:MP30950

(a) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG04@2-3'		
Lab Sample ID:	DA73171-8A	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	81.2
Project:	TASMCOA: Spomer-65N66W 32SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	1.87		ratio	1	06/27/25 15:10	ALA	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG04@2-3'		
Lab Sample ID:	DA73171-8B	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	81.2
Project:	TASMCOA: Spomer-65N66W 32SESE		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron [a]	< 0.50	0.50	mg/l	1	06/26/25	06/26/25	ALA	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: L:MA30144
(2) Prep QC Batch: L:MP30937

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG04@4-5'		
Lab Sample ID:	DA73171-9	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	77.4
Project:	TASMCOA: Spomer-65N66W 32SESE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	11.1	2.6	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [3]
Barium [a]	31.3	2.6	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [3]
Cadmium [b]	< 0.32	0.32	mg/kg	5	06/24/25	07/02/25	ALA	SW846 6020A [2]	SW846 3050B [3]
Copper [a]	15.9	2.6	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [3]
Lead [a]	18.3	2.6	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [3]
Nickel [a]	13.9	2.6	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [3]
Selenium [a]	3.9	3.2	mg/kg	25	06/24/25	07/02/25	ALA	SW846 6020A [2]	SW846 3050B [3]
Silver [b]	< 0.65	0.65	mg/kg	5	06/24/25	07/02/25	ALA	SW846 6020A [2]	SW846 3050B [3]
Zinc [a]	74.1	2.6	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [3]

(1) Instrument QC Batch: L:MA30177
(2) Instrument QC Batch: L:MA30195
(3) Prep QC Batch: L:MP30921

(a) Elevated reporting limit due to dilution required for internal standard failure. Analysis performed at SGS Scott, LA.
(b) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG04@4-5'		
Lab Sample ID:	DA73171-9	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	77.4
Project:	TASMCOA: Spomer-65N66W 32SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH [a]	7.42		su	1	06/27/25 07:30	ALA	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity [a]	6.6	0.010	mmhos/cm	1	06/27/25 12:00	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent [b]	< 0.50	0.50	mg/kg	1	07/02/25 14:15	ANJ	SW846 3060A/7199
Solids, Percent [a]	77.4		%	1	06/25/25 10:00	ALA	SM2540 G-97

(a) Analysis performed at SGS Scott, LA.
(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG04@4-5'		
Lab Sample ID:	DA73171-9A	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	77.4
Project:	TASMCOA: Spomer-65N66W 32SESE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium [a]	201	0.50	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium [a]	657	0.50	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium [a]	257	2.5	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: L:MA30168
(2) Prep QC Batch: L:MP30950

(a) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG04@4-5'		
Lab Sample ID:	DA73171-9A	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	77.4
Project:	TASMCOA: Spomer-65N66W 32SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	1.98		ratio	1	06/27/25 15:16	ALA	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG04@4-5'		
Lab Sample ID:	DA73171-9B	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	77.4
Project:	TASMCOA: Spomer-65N66W 32SESE		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron [a]	< 0.50	0.50	mg/l	1	06/26/25	06/26/25	ALA	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: L:MA30144
(2) Prep QC Batch: L:MP30937

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG05@1-2'		
Lab Sample ID:	DA73171-10	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	80.7
Project:	TASMCOA: Spomer-65N66W 32SESE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	7.6	2.3	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Barium [a]	32.2	2.3	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Cadmium [b]	< 0.29	0.29	mg/kg	5	06/24/25	07/02/25	ALA	SW846 6020A [3]	SW846 3050B [4]
Copper [a]	12.1	2.3	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Lead [a]	15.9	2.3	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Nickel [a]	15.3	2.3	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Selenium [a]	2.4	2.3	mg/kg	20	06/24/25	07/01/25	ALA	SW846 6020A [2]	SW846 3050B [4]
Silver [b]	< 0.57	0.57	mg/kg	5	06/24/25	07/02/25	ALA	SW846 6020A [3]	SW846 3050B [4]
Zinc [a]	60.3	2.3	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [4]

(1) Instrument QC Batch: L:MA30177
(2) Instrument QC Batch: L:MA30182
(3) Instrument QC Batch: L:MA30195
(4) Prep QC Batch: L:MP30921

(a) Elevated reporting limit due to dilution required for internal standard failure. Analysis performed at SGS Scott, LA.
(b) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG05@1-2'		
Lab Sample ID:	DA73171-10	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	80.7
Project:	TASMCOA: Spomer-65N66W 32SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH [a]	7.59		su	1	06/27/25 07:30	ALA	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity [a]	6.3	0.010	mmhos/cm	1	06/27/25 12:00	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent [b]	< 0.49	0.49	mg/kg	1	07/02/25 14:30	ANJ	SW846 3060A/7199
Solids, Percent [a]	80.7		%	1	06/25/25 10:00	ALA	SM2540 G-97

(a) Analysis performed at SGS Scott, LA.
(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG05@1-2'		
Lab Sample ID:	DA73171-10A	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	80.7
Project:	TASMCOA: Spomer-65N66W 32SESE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium [a]	343	0.50	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium [a]	647	0.50	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium [a]	235	2.5	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: L:MA30168
(2) Prep QC Batch: L:MP30950

(a) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG05@1-2'		
Lab Sample ID:	DA73171-10A	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	80.7
Project:	TASMCOA: Spomer-65N66W 32SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	1.72		ratio	1	06/27/25 15:23	ALA	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG05@1-2'		
Lab Sample ID:	DA73171-10B	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	80.7
Project:	TASMCOA: Spomer-65N66W 32SESE		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron [a]	< 0.50	0.50	mg/l	1	06/26/25	06/26/25	ALA	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: L:MA30144
(2) Prep QC Batch: L:MP30937

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG05@3-4'		
Lab Sample ID:	DA73171-11	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	78.3
Project:	TASMCOA: Spomer-65N66W 32SESE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	6.8	2.5	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Barium [a]	32.1	2.5	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Cadmium [b]	< 0.12	0.12	mg/kg	2	06/24/25	07/01/25	ALA	SW846 6020A [2]	SW846 3050B [4]
Copper [a]	9.2	2.5	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Lead [a]	14.2	2.5	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Nickel [a]	11.5	2.5	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [4]
Selenium [c]	< 2.5	2.5	mg/kg	20	06/24/25	07/02/25	ALA	SW846 6020A [3]	SW846 3050B [4]
Silver [b]	< 0.25	0.25	mg/kg	2	06/24/25	07/01/25	ALA	SW846 6020A [2]	SW846 3050B [4]
Zinc [a]	50.9	2.5	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [4]

(1) Instrument QC Batch: L:MA30177
(2) Instrument QC Batch: L:MA30182
(3) Instrument QC Batch: L:MA30195
(4) Prep QC Batch: L:MP30921

(a) Elevated reporting limit due to dilution required for internal standard failure. Analysis performed at SGS Scott, LA.
(b) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.
(c) Elevated reporting limit due to dilution required for internal standard failure. Could not report at lower dilution. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG05@3-4'		
Lab Sample ID:	DA73171-11	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	78.3
Project:	TASMCOA: Spomer-65N66W 32SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH [a]	7.11		su	1	06/27/25 07:30	ALA	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity [a]	6.5	0.010	mmhos/cm	1	06/27/25 12:00	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent [b]	< 0.50	0.50	mg/kg	1	07/02/25 14:46	ANJ	SW846 3060A/7199
Solids, Percent [a]	78.3		%	1	06/25/25 10:00	ALA	SM2540 G-97

(a) Analysis performed at SGS Scott, LA.
(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG05@3-4'		
Lab Sample ID:	DA73171-11A	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	78.3
Project:	TASMCOA: Spomer-65N66W 32SESE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium [a]	294	0.50	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium [a]	650	0.50	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium [a]	282	2.5	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: L:MA30168
(2) Prep QC Batch: L:MP30950

(a) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG05@3-4'		
Lab Sample ID:	DA73171-11A	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	78.3
Project:	TASMCOA: Spomer-65N66W 32SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	2.10		ratio	1	06/27/25 15:29	ALA	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG05@3-4'		
Lab Sample ID:	DA73171-11B	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	78.3
Project:	TASMCOA: Spomer-65N66W 32SESE		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron [a]	< 0.50	0.50	mg/l	1	06/26/25	06/26/25	ALA	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: L:MA30144
(2) Prep QC Batch: L:MP30937

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG05@4-5'		
Lab Sample ID:	DA73171-12	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	79.8
Project:	TASMCOA: Spomer-65N66W 32SESE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	9.8	2.5	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [3]
Barium [a]	26.0	2.5	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [3]
Cadmium [b]	< 0.31	0.31	mg/kg	5	06/24/25	07/02/25	ALA	SW846 6020A [2]	SW846 3050B [3]
Copper [a]	15.9	2.5	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [3]
Lead [a]	15.8	2.5	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [3]
Nickel [a]	14.1	2.5	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [3]
Selenium [c]	< 3.1	3.1	mg/kg	25	06/24/25	07/02/25	ALA	SW846 6020A [2]	SW846 3050B [3]
Silver [b]	< 0.63	0.63	mg/kg	5	06/24/25	07/02/25	ALA	SW846 6020A [2]	SW846 3050B [3]
Zinc [a]	66.6	2.5	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [3]

(1) Instrument QC Batch: L:MA30177
(2) Instrument QC Batch: L:MA30195
(3) Prep QC Batch: L:MP30921

(a) Elevated reporting limit due to dilution required for internal standard failure. Analysis performed at SGS Scott, LA.
(b) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.
(c) Elevated reporting limit due to dilution required for internal standard failure. Could not report at lower dilution. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	BKG05@4-5'		
Lab Sample ID:	DA73171-12	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	79.8
Project:	TASMCOA: Spomer-65N66W 32SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH [a]	8.33		su	1	06/27/25 07:30	ALA	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity [a]	7.2	0.010	mmhos/cm	1	06/27/25 12:00	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent [b]	< 0.51	0.51	mg/kg	1	07/02/25 14:54	ANJ	SW846 3060A/7199
Solids, Percent [a]	79.8		%	1	06/25/25 10:00	ALA	SM2540 G-97

(a) Analysis performed at SGS Scott, LA.
(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG05@4-5'		
Lab Sample ID:	DA73171-12A	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	79.8
Project:	TASMCOA: Spomer-65N66W 32SESE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium [a]	280	0.50	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium [a]	754	0.50	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium [a]	325	2.5	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: L:MA30168
(2) Prep QC Batch: L:MP30950

(a) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG05@4-5'		
Lab Sample ID:	DA73171-12A	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	79.8
Project:	TASMCOA: Spomer-65N66W 32SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	2.30		ratio	1	06/27/25 15:35	ALA	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG05@4-5'		
Lab Sample ID:	DA73171-12B	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	79.8
Project:	TASMCOA: Spomer-65N66W 32SESE		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron [a]	< 0.50	0.50	mg/l	1	06/26/25	06/26/25	ALA	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: L:MA30144
(2) Prep QC Batch: L:MP30937

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG06@0-1'		
Lab Sample ID:	DA73171-13	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	67.6
Project:	TASMCOA: Spomer-65N66W 32SESE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	9.6	7.4	mg/kg	50	06/27/25	07/02/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Barium [a]	125	7.4	mg/kg	50	06/27/25	07/02/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Cadmium [b]	< 0.37	0.37	mg/kg	5	06/27/25	07/02/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Copper [a]	13.3	7.4	mg/kg	50	06/27/25	07/02/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Lead [a]	15.5	7.4	mg/kg	50	06/27/25	07/02/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Nickel [a]	16.0	7.4	mg/kg	50	06/27/25	07/02/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Selenium [a]	< 7.4	7.4	mg/kg	50	06/27/25	07/02/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Silver [b]	< 0.74	0.74	mg/kg	5	06/27/25	07/02/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Zinc [a]	66.4	7.4	mg/kg	50	06/27/25	07/02/25	ALA	SW846 6020A [1]	SW846 3050B [2]

(1) Instrument QC Batch: L:MA30194
(2) Prep QC Batch: L:MP30969

(a) Elevated reporting limit due to dilution required for internal standard failure. Lower dilutions did not pass for internal standards. Analysis performed at SGS Scott, LA.
(b) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG06@0-1'		
Lab Sample ID:	DA73171-13	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	67.6
Project:	TASMCOA: Spomer-65N66W 32SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH [a]	7.24		su	1	07/01/25 07:05	ALA	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity [a]	0.26	0.010	mmhos/cm	1	07/01/25 17:00	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent [b]	< 0.59	0.59	mg/kg	1	07/02/25 15:10	ANJ	SW846 3060A/7199
Solids, Percent [a]	67.6		%	1	06/28/25 16:30	ALA	SM2540 G-97

(a) Analysis performed at SGS Scott, LA.
(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG06@0-1'		
Lab Sample ID:	DA73171-13A	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	67.6
Project:	TASMCOA: Spomer-65N66W 32SESE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium [a]	126	0.50	mg/l	5	07/01/25	07/01/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium [a]	10.9	0.50	mg/l	5	07/01/25	07/01/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium [a]	3.90	2.5	mg/l	5	07/01/25	07/01/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: L:MA30181
(2) Prep QC Batch: L:MP30980

(a) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG06@0-1'		
Lab Sample ID:	DA73171-13A	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	67.6
Project:	TASMCOA: Spomer-65N66W 32SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.0894		ratio	1	07/01/25 11:01	ALA	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG06@0-1'		
Lab Sample ID:	DA73171-13B	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	67.6
Project:	TASMCOA: Spomer-65N66W 32SESE		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron [a]	< 0.50	0.50	mg/l	1	07/01/25	07/02/25	ALA	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: L:MA30188
(2) Prep QC Batch: L:MP30984

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG06@2-3'		
Lab Sample ID:	DA73171-14	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	82.1
Project:	TASMCOA: Spomer-65N66W 32SESE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	6.5	2.3	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [3]
Barium [a]	53.2	2.3	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [3]
Cadmium [b]	< 0.29	0.29	mg/kg	5	06/24/25	07/02/25	ALA	SW846 6020A [2]	SW846 3050B [3]
Copper [a]	11.9	2.3	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [3]
Lead [a]	12.5	2.3	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [3]
Nickel [a]	11.6	2.3	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [3]
Selenium [c]	< 2.9	2.9	mg/kg	25	06/24/25	07/02/25	ALA	SW846 6020A [2]	SW846 3050B [3]
Silver [b]	< 0.57	0.57	mg/kg	5	06/24/25	07/02/25	ALA	SW846 6020A [2]	SW846 3050B [3]
Zinc [a]	52.9	2.3	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [3]

(1) Instrument QC Batch: L:MA30177
(2) Instrument QC Batch: L:MA30195
(3) Prep QC Batch: L:MP30921

(a) Elevated reporting limit due to dilution required for internal standard failure. Analysis performed at SGS Scott, LA.
(b) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.
(c) Elevated reporting limit due to dilution required for internal standard failure. Could not report at lower dilution. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG06@2-3'		
Lab Sample ID:	DA73171-14	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	82.1
Project:	TASMCOA: Spomer-65N66W 32SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH [a]	7.52		su	1	06/27/25 07:30	ALA	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity [a]	0.42	0.010	mmhos/cm	1	06/27/25 12:00	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent [b]	< 0.48	0.48	mg/kg	1	07/02/25 15:42	ANJ	SW846 3060A/7199
Solids, Percent [a]	82.1		%	1	06/25/25 10:00	ALA	SM2540 G-97

(a) Analysis performed at SGS Scott, LA.
(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG06@2-3'		
Lab Sample ID:	DA73171-14A	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	82.1
Project:	TASMCOA: Spomer-65N66W 32SESE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium [a]	59.2	0.50	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium [a]	16.7	0.50	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium [a]	15.6	2.5	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: L:MA30168
(2) Prep QC Batch: L:MP30950

(a) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG06@2-3'		
Lab Sample ID:	DA73171-14A	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	82.1
Project:	TASMCOA: Spomer-65N66W 32SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.461		ratio	1	06/27/25 15:41	ALA	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG06@2-3'		
Lab Sample ID:	DA73171-14B	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	82.1
Project:	TASMCOA: Spomer-65N66W 32SESE		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron [a]	< 0.50	0.50	mg/l	1	06/26/25	06/26/25	ALA	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: L:MA30144
(2) Prep QC Batch: L:MP30937

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG06@4-5'		
Lab Sample ID:	DA73171-15	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	82.5
Project:	TASMCOA: Spomer-65N66W 32SESE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	8.5	2.4	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [3]
Barium [a]	54.9	2.4	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [3]
Cadmium [b]	< 0.30	0.30	mg/kg	5	06/24/25	07/02/25	ALA	SW846 6020A [2]	SW846 3050B [3]
Copper [a]	11.3	2.4	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [3]
Lead [a]	13.7	2.4	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [3]
Nickel [a]	12.6	2.4	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [3]
Selenium [a]	3.0	3.0	mg/kg	25	06/24/25	07/02/25	ALA	SW846 6020A [2]	SW846 3050B [3]
Silver [b]	< 0.59	0.59	mg/kg	5	06/24/25	07/02/25	ALA	SW846 6020A [2]	SW846 3050B [3]
Zinc [a]	56.6	2.4	mg/kg	20	06/24/25	06/28/25	ALA	SW846 6020A [1]	SW846 3050B [3]

(1) Instrument QC Batch: L:MA30177
(2) Instrument QC Batch: L:MA30195
(3) Prep QC Batch: L:MP30921

(a) Elevated reporting limit due to dilution required for internal standard failure. Analysis performed at SGS Scott, LA.
(b) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG06@4-5'		
Lab Sample ID:	DA73171-15	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	82.5
Project:	TASMCOA: Spomer-65N66W 32SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH [a]	7.31		su	1	06/27/25 07:30	ALA	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity [a]	0.64	0.010	mmhos/cm	1	06/27/25 12:00	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent [b]	< 0.49	0.49	mg/kg	1	07/02/25 16:05	ANJ	SW846 3060A/7199
Solids, Percent [a]	82.5		%	1	06/25/25 10:00	ALA	SM2540 G-97

(a) Analysis performed at SGS Scott, LA.
(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG06@4-5'		
Lab Sample ID:	DA73171-15A	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	82.5
Project:	TASMCOA: Spomer-65N66W 32SESE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium [a]	46.7	0.50	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium [a]	25.9	0.50	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium [a]	46.9	2.5	mg/l	5	06/27/25	06/27/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: L:MA30168
(2) Prep QC Batch: L:MP30950

(a) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG06@4-5'		
Lab Sample ID:	DA73171-15A	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	82.5
Project:	TASMCOA: Spomer-65N66W 32SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	1.37		ratio	1	06/27/25 15:47	ALA	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG06@4-5'		
Lab Sample ID:	DA73171-15B	**Date Sampled:**	06/19/25
Matrix:	SO - Soil	**Date Received:**	06/19/25
		Percent Solids:	82.5
Project:	TASMCOA: Spomer-65N66W 32SESE		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron [a]	< 0.50	0.50	mg/l	1	06/26/25	06/26/25	ALA	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: L:MA30144
(2) Prep QC Batch: L:MP30937

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

SGS

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 #: DA73171

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: las-chevron-5@tasman-geo.com / rbueuf2?@chevron.com / dargelerson@chevron.com / evonde@tasman-geo.com
Sampler(s) Name(s): P. Downs

Project Information

Project Name: Spomer - 6S N66W 32SESE
Check Box if Project Report to Division of Oil and Public Safety (OPS): ☐
Street:
City, State ZIP:
Project #: 8676
Client Purchase Order #:
Project Manager: Eric Vonde

Billing Information (if different from Report to)

Company: Noble Energy
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	Preservation: 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	Hold	LAB USE ONLY
Bk602e 0-1'	6-19-25	10:03	PD	SO	3	X										X				X			
Bk602e 2-3'		10:07																					
Bk602e 4-5'		10:11																					
Bk603e 1-2'		10:31																					
Bk603e 3-4'		10:36																					
Bk603e 4-5'		10:42																					
Bk604e 0-1'		11:10																					
Bk604e 2-3'		11:15																					
Bk604e 4-5'		11:21																					
Bk605e 1-2'		11:43																					
Bk605e 3-4'		11:49																					
Bk605e 4-5'		11:52																					

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; SED - Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB - Field Blank; EB - Equipment Blank; RB - Rinse Blank; TB - Trip Blank
D=dissolved metals; PD=Potentially dissolved; TR=Total recoverable

Turnaround Time (Business days)

- ☑ 10 Business Days
- ☐ 5 Business Days
- ☐ 3 Business Days RUSH
- ☐ 2 Business Days RUSH
- ☐ 1 Business Day EMERGENCY

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

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

Data Deliverable Information

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

Comments / Special Instructions

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

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

Relinquished by Sampler/Affiliation:	Date/Time:	Received By/Affiliation:	Relinquished By/Affiliation:	Date/Time:	Received By/Affiliation:
1 P. Downs / Tasman	6/19/25 / 1520	1	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): 0.0 Therm. ID: [illegible] On Ice ☐

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

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

CHAIN OF CUSTODY

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 #: DA73171

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: las-chevron-5@tasman-geo.com / rbueuf27@chevron.com / danpeterson@chevron.com / evonde@tasman-geo.com
Sampler(s) Name(s): P. Downs

Project Information

Project Name: Sponsler-65N66W 32SESE
Check Box if Project Report to Division of Oil and Public Safety (OPS): ☐
Street:
City, State ZIP:
Project #: 8676
Client Purchase Order #:
Project Manager: Eric Vonde

Billing Information (if different from Report to)

Company: Noble Energy
Street Address:
City, State ZIP:
Attention: Dan Peterson

Requested Analysis (see TEST CODE sheet)

Field ID / Point of Collection	Collection: Date	Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: 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	Hold	LAB USE ONLY
13 BkG06e 0-1'	6-19-25	12:08	PD	SO	3	X										X				X			
14 BkG06e 2-3'	↓	12:12	↓	↓	↓	↓										↓				↓			
15 BkG06e 4-5'	↓	12:17	↓	↓	↓	↓										↓				↓			

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; SED - Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB - Field Blank; EB - Equipment Blank; RB - Rinse Blank; TB - Trip Blank; D=dissolved metals; PD=Potentially dissolved; TR=Total recoverable

Turnaround Time (Business days)

- ☑ 10 Business Days
- ☐ 5 Business Days
- ☐ 3 Business Days RUSH
- ☐ 2 Business Days RUSH
- ☐ 1 Business Day EMERGENCY

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

Special Reporting Instructions

- ☐ Report in PPB
- ☐ Report in PPM
- ☐ Report MDLs

Data Deliverable Information

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

Comments / Special Instructions

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

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

Relinquished by Sampler/Affiliation:	Date/Time:	Received By/Affiliation:	Relinquished By/Affiliation:	Date/Time:	Received By/Affiliation:
1 P. Downs / Tasman	6-19-25 1520	1	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): 4.8 Therm. ID: AV3 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: da73171 **Client:** TASMAN **Project:** SPOMER-65N66W 325ESE

Date / Time Received: 6/19/2025 3:20:00 PM **Delivery Method:** hd **Airbill #'s:**

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

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

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

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

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

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

Misc Information

Number of Encores: 25 Gram 5 Gram

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

Residual Chlorine Test Strip Lot

Number of Lab Filtered Metals

Other: (Specify)

Comments

SM001
Rev. Date 05/04/17

Technician: JEREMYD Date: 6/19/2025 3:29:19 PM Reviewer: Date:

Misc. Forms

Custody Documents and Other Forms

(SGS Scott, LA)

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

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

FED-EX Tracking #:
Bottle Order Control #:
SGS Quote #:
SGS Job #: DA73171

Client / Reporting Information

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

Project Information

Project Name: TASMCOA: Spomer-65N66W 32SESE
Street:
City: State:
Project #:
Client Purchase Order #:
Project Manager:

Billing Information (if different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

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	AGMS .ASMS .BAMS .CDMS .CUMS .NIMS .PBMS .PH-SATPASTE .SCON .SEMS	HWS-B	PASTE .SAR .SARCA .SARMG .SARNA	LAB USE ONLY
1	BKG02@0-1'		6/19/25	10:03:00 AM	PD	SO										X			
1A	BKG02@0-1'		6/19/25	10:03:00 AM	PD	SO												X	
1B	BKG02@0-1'		6/19/25	10:03:00 AM	PD	SO											X		
2	BKG02@2-3'		6/19/25	10:07:00 AM	PD	SO										X			
2A	BKG02@2-3'		6/19/25	10:07:00 AM	PD	SO												X	
2B	BKG02@2-3'		6/19/25	10:07:00 AM	PD	SO											X		
3	BKG02@4-5'		6/19/25	10:11:00 AM	PD	SO										X			
3A	BKG02@4-5'		6/19/25	10:11:00 AM	PD	SO												X	
3B	BKG02@4-5'		6/19/25	10:11:00 AM	PD	SO											X		
4	BKG03@1-2'		6/19/25	10:31:00 AM	PD	SO										X			
4A	BKG03@1-2'		6/19/25	10:31:00 AM	PD	SO												X	
4B	BKG03@1-2'		6/19/25	10:31:00 AM	PD	SO											X		

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

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 6/25/2025

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

I-35 (70-5)

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

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

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	6-20-25	1 Fedex	2 Fedex	062105 1000	2
Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
3		3	4		4
Relinquished by:	Date Time:	Received By:	Custody Seal #	Intact / Not intact	Preserved where applicable / Therm. ID:	On Ice	Cooler Temp.
5		5					

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 #: | Bottle Order Control #:
SGS Quote #: | SGS Job #: DA73171

Client / Reporting Information

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

Project Information

Project Name: TASMCOA: Spomer-65N66W 32SESE
Street:
City: State:
Project #:
Client Purchase Order #:
Project Manager:

Billing Information (if different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

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	AGMS_ASMS_BAMS_CDMS_CUMS_NIMS_PBMS_PH-SATPASTE_SCON_SEMS_	HWS-B_	PASTE_SAR_SARCA_SARMG_SARNA_									LAB USE ONLY
5	BKG03@3-4'		6/19/25	10:36:00 AM	PD	SO										X										/	
5A	BKG03@3-4'		6/19/25	10:36:00 AM	PD	SO												X									
5B	BKG03@3-4'		6/19/25	10:36:00 AM	PD	SO											X										
6	BKG03@4-5'		6/19/25	10:42:00 AM	PD	SO										X										/	
6A	BKG03@4-5'		6/19/25	10:42:00 AM	PD	SO												X									
6B	BKG03@4-5'		6/19/25	10:42:00 AM	PD	SO											X										·
7	BKG04@0-1'		6/19/25	11:10:00 AM	PD	SO										X										/	
7A	BKG04@0-1'		6/19/25	11:10:00 AM	PD	SO												X									
7B	BKG04@0-1'		6/19/25	11:10:00 AM	PD	SO											X										
8	BKG04@2-3'		6/19/25	11:15:00 AM	PD	SO										X										/	
8A	BKG04@2-3'		6/19/25	11:15:00 AM	PD	SO												X									
8B	BKG04@2-3'		6/19/25	11:15:00 AM	PD	SO											X										

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

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Approved By (SGS PM): / Date:

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- [ ] 2 Business Days RUSH
- [ ] 1 Business Day EMERGENCY
- [x] other Due 6/25/2025

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- [ ] FULT1 (Level 4)
- [ ] Commercial "C"
- [ ] State Forms
- [ ] EDD Format
- [ ] Other
- [x] CC

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Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

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

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Relinquished by Sampler: 1	Date Time: 6-20-25	Received By: 1 Fedex	Relinquished By: 2 Fedex	Date Time: 0625 1000	Received By: 2		
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4		
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal # Not used	Intact / Not intact	Preserved where applicable X	Therm. ID:	On Ice / Cooler Temp 5.2+0.2=5.4

CHAIN OF CUSTODY

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FED-EX Tracking #: | Bottle Order Control #:
SGS Quote #: | SGS Job #: DA73171

Client / Reporting Information

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

Project Information

Project Name: TASMCOA: Spomer-65N66W 32SESE
Street:
City: State:
Project #:
Client Purchase Order #:
Project Manager:

Billing Information (if different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

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	AGMS, ASMS, BAMS, CDMS, CUMS, NIMS, PBMS, PH-SATPASTE, SCON, SEMS,	HWS-B,	PASTE, SAR, SARCA, SARMG, SARNA,	LAB USE ONLY
9	BKG04@4-5'		6/19/25	11:21:00 AM	PD	SO										X			/
9A	BKG04@4-5'		6/19/25	11:21:00 AM	PD	SO												X	
9B	BKG04@4-5'		6/19/25	11:21:00 AM	PD	SO											X		
10	BKG05@1-2'		6/19/25	11:43:00 AM	PD	SO										X			/
10A	BKG05@1-2'		6/19/25	11:43:00 AM	PD	SO												X	
10B	BKG05@1-2'		6/19/25	11:43:00 AM	PD	SO											X		
11	BKG05@3-4'		6/19/25	11:49:00 AM	PD	SO										X			/
11A	BKG05@3-4'		6/19/25	11:49:00 AM	PD	SO												X	
11B	BKG05@3-4'		6/19/25	11:49:00 AM	PD	SO											X		
12	BKG05@4-5'		6/19/25	11:52:00 AM	PD	SO										X			/
12A	BKG05@4-5'		6/19/25	11:52:00 AM	PD	SO												X	
12B	BKG05@4-5'		6/19/25	11:52:00 AM	PD	SO											X		

Matrix Codes

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

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 6/25/2025

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

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- [ ] FULT1 (Level 4)
- [ ] Commercial "C"
- [ ] State Forms
- [ ] EDD Format
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Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

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

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

	Relinquished by Sampler:	Date Time:	Received By:
1		6-20-25	Fedex
2	Relinquished By: Fedex	Date Time: 06/25 10	Received By:
3	Relinquished by Sampler:	Date Time:	Received By:
4	Relinquished By:	Date Time:	Received By:
5	Relinquished by:	Date Time:	Received By:

Custody Seal # ES ON cooler [ ] Intact [ ] Not intact
Preserved where applicable [X] Therm. ID:
On Ice [ ] Cooler Temp. 5.0 TH003

SGS

CHAIN OF CUSTODY

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

FED-EX Tracking #: | Bottle Order Control #: | SGS Quote #: | SGS Job #: DA73171

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

Project Information
Project Name: TASMCOA: Spomer-65N66W 32SESE
Street / City / State
Project #
Client Purchase Order #
Project Manager

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

Requested Analysis (see TEST CODE sheet)
A = AGMS ,ASMS ,BAMS ,CDMS ,CUMS ,NIMS ,PBMS ,PH-SATPASTE ,SCON ,SEMS , 4/6 SOL
B = HWS-B
C = PASTE ,SAR ,SARCA ,SARMG ,SARNA

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	A	B	C								LAB USE ONLY
13	BKG06@0-1'		6/19/25	12:08:00 PM	PD	SO										X										
13A	BKG06@0-1'		6/19/25	12:08:00 PM	PD	SO												X								
13B	BKG06@0-1'		6/19/25	12:08:00 PM	PD	SO											X									
14	BKG06@2-3'		6/19/25	12:12:00 PM	PD	SO										X									/	
14A	BKG06@2-3'		6/19/25	12:12:00 PM	PD	SO												X								
14B	BKG06@2-3'		6/19/25	12:12:00 PM	PD	SO											X									
15	BKG06@4-5'		6/19/25	12:17:00 PM	PD	SO										X									/	
15A	BKG06@4-5'		6/19/25	12:17:00 PM	PD	SO												X								
15B	BKG06@4-5'		6/19/25	12:17:00 PM	PD	SO											X									

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

Turnaround Time (Business days)
- [ ] Standard 10 Day (business)
- [ ] 5 Business Days RUSH
- [ ] 3 Business Days RUSH
- [ ] 2 Business Days RUSH
- [ ] 1 Business Day EMERGENCY
- [X] other Due 6/25/2025

Approved By (SGS PM): / Date:

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
2.3 (7C-5)

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

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

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 [signature]	6-20-25	1 FedEx	2 FedEx	06/21/25 1050	2 [signature]
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal # CSOW cool	☑ Intact ☐ Not intact	Preserved where applicable ☑ / Therm. ID: / On Ice ☑ / Cooler Temp. 5.3 (IR003)

DA73171: Chain of Custody
Page 4 of 16

DA73171: Chain of Custody
Page 5 of 16

SGS Sample Receipt Summary

Job Number: da73171 **Client:** SGS CO **Project:** TASMCOA: SPOMER-65N66W 32SESE

Date / Time Received: 6/21/2025 10:00:00 AM **Delivery Method:** FEDEX **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (5.2);

Cooler Temps (Corrected) °C: Cooler 1: (5.2);

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:	IRGUN		
3. Cooler media:	Ice (direct contact)		
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: pH 12+: Other: (Specify)

Comments RECEIVED 1-4OZ SOIL FOR FRACTIONS 1-12, 14 & 15. MISSING COOLER AND SAMPLES.

SM089-03
Rev. Date 12/7/17

SGS

CHAIN OF CUSTODY

SGS North America Inc. - Wheat Ridge
4036 Youngfield Street, Wheat Ridge, CO 80033
TEL: 303-425-6021 FAX: 303-425-6854
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Bottle Order Control #:
SGS Quote #:
SGS Job #: DA73171

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City: Wheat Ridge, State: CO, Zip: 8003:
Project Contact / E-mail: parna.eskandaripayandeh@sgs.com
Phone #: 303-425-6021 Fax #:
Sampler(s) Name(s): PD Phone:

Project Information

Project Name: TASMCOA: Spomer-65N66W 32SESE
Street:
City: State:
Project #:
Client Purchase Order #:
Project Manager:

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

Requested Analysis (see TEST CODE sheet)

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

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	AGMS ,ASMS ,BAMS ,CDMS ,CUMS ,NIMS ,PBMS ,PH-SATPASTE ,SCON ,SEMS , %SOL	HWS-B	PASTE ,SAR ,SARCA ,SARMG ,SARNA		LAB USE ONLY
1	BKG02@0-1'		6/19/25	10:03:00 AM	PD	SO										X			/	
1A	BKG02@0-1'		6/19/25	10:03:00 AM	PD	SO												X		
1B	BKG02@0-1'		6/19/25	10:03:00 AM	PD	SO											X			
2	BKG02@2-3'		6/19/25	10:07:00 AM	PD	SO										X			/	
2A	BKG02@2-3'		6/19/25	10:07:00 AM	PD	SO												X		
2B	BKG02@2-3'		6/19/25	10:07:00 AM	PD	SO											X			
3	BKG02@4-5'		6/19/25	10:11:00 AM	PD	SO										X			/	
3A	BKG02@4-5'		6/19/25	10:11:00 AM	PD	SO												X		
3B	BKG02@4-5'		6/19/25	10:11:00 AM	PD	SO											X			
4	BKG03@1-2'		6/19/25	10:31:00 AM	PD	SO										X			/	
4A	BKG03@1-2'		6/19/25	10:31:00 AM	PD	SO												X		
4B	BKG03@1-2'		6/19/25	10:31:00 AM	PD	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
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- ☐ FULT1 (Level 4)
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- ☐ State Forms
- ☐ EDD Format
- ☐ Other
- ☐
- ☒ CC

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Comments / Special Instructions

2-35 (7C-5)

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Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	6-20-25	1 Fedex	2 Fedex	062125 1000	2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5			

Custody Seal #: CSOT Lock ☐ Intact ☐ Not intact
Preserved where applicable ☒
On Ice ☑
Cooler Temp. (5.2 IR03)
Therm. ID:

DA73171: Chain of Custody
Page 7 of 16

SGS

CHAIN OF CUSTODY

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

FED-EX Tracking #: | Bottle Order Control #:
SGS Quote #: | SGS Job #: DA73171

Client / Reporting Information

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

Project Information

Project Name: TASMCOA: Spomer-65N66W 32SESE
Street:
City: State:
Project #:
Client Purchase Order #:
Project Manager:

Billing Information (if different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

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	AGMS ,ASMS ,BAMS ,CDMS ,CUMS ,NIMS ,PBMS ,PH-SATPASTE ,SCON ,SEMS,	HWS-B ,	PASTE ,SAR ,SARCA ,SARMG ,SARNA ,	LAB USE ONLY
5	BKG03@3-4'		6/19/25	10:36:00 AM	PD	SO										X			/
5A	BKG03@3-4'		6/19/25	10:36:00 AM	PD	SO												X	
5B	BKG03@3-4'		6/19/25	10:36:00 AM	PD	SO											X		
6	BKG03@4-5'		6/19/25	10:42:00 AM	PD	SO										X			/
6A	BKG03@4-5'		6/19/25	10:42:00 AM	PD	SO												X	
6B	BKG03@4-5'		6/19/25	10:42:00 AM	PD	SO											X		.
7	BKG04@0-1'		6/19/25	11:10:00 AM	PD	SO										X			/
7A	BKG04@0-1'		6/19/25	11:10:00 AM	PD	SO												X	
7B	BKG04@0-1'		6/19/25	11:10:00 AM	PD	SO											X		
8	BKG04@2-3'		6/19/25	11:15:00 AM	PD	SO										X			/
8A	BKG04@2-3'		6/19/25	11:15:00 AM	PD	SO												X	
8B	BKG04@2-3'		6/19/25	11:15:00 AM	PD	SO											X		

Matrix Codes

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

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 6/25/2025

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

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

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

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		6-20-25	Fedex	2 Fedex	062025 1000	2
3	Relinquished by Sampler:	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
5	Relinquished by:	Date Time:	Received By: 5	Custody Seal # Was not	Intact / Not intact	Preserved where applicable X Therm. ID:	On Ice	Cooler Temp 5.3+0.2=5.5

5.1 5

CHAIN OF CUSTODY

SGS North America Inc. - Wheat Ridge
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FED-EX Tracking #:
Bottle Order Control #:
SGS Quote #:
SGS Job #: DA73171

Client / Reporting Information

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

Project Information

Project Name: TASMCOA: Spomer-65N66W 32SESE
Street:
City / State:
Project #:
Client Purchase Order #:
Project Manager:

Billing Information (if different from Report to)

Company Name:
Street Address:
City / State / Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

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	AGMS,ASMS,BAMS,CDMS,CUMS,NIMS,PBMS,PH-SATPASTE,SCON,SEMS,	HWS-B,	PASTE,SAR,SARCA,SARMG,SARNA,	LAB USE ONLY
9	BKG04@4-5'		6/19/25	11:21:00 AM	PD	SO										X			/
9A	BKG04@4-5'		6/19/25	11:21:00 AM	PD	SO												X	
9B	BKG04@4-5'		6/19/25	11:21:00 AM	PD	SO											X		
10	BKG05@1-2'		6/19/25	11:43:00 AM	PD	SO										X			/
10A	BKG05@1-2'		6/19/25	11:43:00 AM	PD	SO												X	
10B	BKG05@1-2'		6/19/25	11:43:00 AM	PD	SO											X		
11	BKG05@3-4'		6/19/25	11:49:00 AM	PD	SO										X			/
11A	BKG05@3-4'		6/19/25	11:49:00 AM	PD	SO												X	
11B	BKG05@3-4'		6/19/25	11:49:00 AM	PD	SO											X		
12	BKG05@4-5'		6/19/25	11:52:00 AM	PD	SO										X			/
12A	BKG05@4-5'		6/19/25	11:52:00 AM	PD	SO												X	
12B	BKG05@4-5'		6/19/25	11:52:00 AM	PD	SO											X		

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

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 6/25/2025

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

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

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

	Relinquished by Sampler:	Date Time:	Received By:
1		6-20-25	Fedex
2	Relinquished By: Fedex	Date Time: 06/25 1000	Received By:
3	Relinquished by Sampler:	Date Time:	Received By:
4	Relinquished By:	Date Time:	Received By:
5	Relinquished by:	Date Time:	Received By:

Custody Seal # ES ON cooler — Intact / Not intact — Preserved where applicable — Therm. ID: — On Ice — Cooler Temp. 5.2 TH003

SGS

CHAIN OF CUSTODY

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

FED-EX Tracking # | Bottle Order Control #
SGS Quote # | SGS Job # DA73171

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

Project Information
Project Name: TASMCOA: Spomer-65N66W 32SESE
Street
City State
Project #
Client Purchase Order #
Project Manager

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

Requested Analysis (see TEST CODE sheet)
A: AGMS ,ASMS ,BAMS ,CDMS ,CUMS ,NIMS ,PBMS ,PH-SATPASTE ,SCON ,SEMS, 4/6 SEL
B: HWS-B ,
C: PASTE ,SAR ,SARCA ,SARMG ,SARNA ,

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

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	A	B	C									LAB USE ONLY
13	BKG06@0-1'		6/19/25	12:08:00 PM	PD	SO										X											
13A	BKG06@0-1'		6/19/25	12:08:00 PM	PD	SO												X									
13B	BKG06@0-1'		6/19/25	12:08:00 PM	PD	SO											X										
14	BKG06@2-3'		6/19/25	12:12:00 PM	PD	SO										X										/	
14A	BKG06@2-3'		6/19/25	12:12:00 PM	PD	SO												X									
14B	BKG06@2-3'		6/19/25	12:12:00 PM	PD	SO											X										
15	BKG06@4-5'		6/19/25	12:17:00 PM	PD	SO										X										/	
15A	BKG06@4-5'		6/19/25	12:17:00 PM	PD	SO												X									
15B	BKG06@4-5'		6/19/25	12:17:00 PM	PD	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 6/25/2025

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
2-35 (7C-5)

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

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

	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
Relinquished by Sampler: 1 [signature]	6-20-25	1 Fedex	2 Fedex	06/21/25 1050	2 [signature]
Relinquished by Sampler: 3		3	4		4
Relinquished by: 5		5	Custody Seal # C.Seal cool	☐ Intact ☐ Not intact	Preserved where applicable ☐ Therm. ID: On Ice ☐ Cooler Temp. 5.3 (IR003)

DA73171: Chain of Custody
Page 10 of 16


SDR
FedEx Express
FedEx® Saturday Delivery
151966 10/04 MWI
ORIGIN ID:DENA (303) 425-6021
ATTN: KERRI MCNULTY
SGS - WHEAT RIDGE
4036 YOUNGFIELD STREET
WHEAT RIDGE CO 80033
UNITED STATES US
SHIP DATE: 20JUN25
ACTWGT: 60.0 LB MAN
CAD: 0659493/CAFE3908
BILL SENDER
TO SAMPLE RECEIVING
ACCUTEST LOUISIANA
500 AMBASSADOR CAFFERY DRIVE
SCOTT LA 70583
REF:
DEPT:
INV:
PO:
FedEx Express
0 LFTA
7444 9077 1904
SATURDAY 2:00
PRIORITY OVERNIGHT
70583
LA-US
LFT
TRK
0201
4701 SAT 06/21 08:39
500 AMBASSADOR CAFFE
70583-5300-00
SCOTT,LA
PRIORITY OVERNIGHT
629-5046FL
ETP: 9
SP-XX-92:
744490771904

Scott

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 # | Bottle Order Control #
SGS Quote # | SGS Job # DA73171

Client / Reporting Information

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

Project Information

Project Name: TASMCOA: Spomer-65N66W 32SESE
Street
City State
Project #
Client Purchase Order #
Project Manager

Billing Information (if different from Report to)

Company Name
Street Address
City State Zip
Attention:

Requested Analysis (see TEST CODE sheet)

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

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	AGMS_ASMS_BAMS_CDMS_CUMS_NIMS_PBMS_PH-SATPASTE_SCON_SEMS	HWS-B_	PASTE_SAR_SARCA_SARMG_SARNA_	LAB USE ONLY
1	BKG02@0-1'		6/19/25	10:03:00 AM	PD	SO										X			
1A	BKG02@0-1'		6/19/25	10:03:00 AM	PD	SO												X	1 2 060725
1B	BKG02@0-1'		6/19/25	10:03:00 AM	PD	SO											X		
2	BKG02@2-3'		6/19/25	10:07:00 AM	PD	SO										X			
2A	BKG02@2-3'		6/19/25	10:07:00 AM	PD	SO												X	1
2B	BKG02@2-3'		6/19/25	10:07:00 AM	PD	SO											X		
3	BKG02@4-5'		6/19/25	10:11:00 AM	PD	SO										X			
3A	BKG02@4-5'		6/19/25	10:11:00 AM	PD	SO												X	1
3B	BKG02@4-5'		6/19/25	10:11:00 AM	PD	SO											X		
4	BKG03@1-2'		6/19/25	10:31:00 AM	PD	SO										X			
4A	BKG03@1-2'		6/19/25	10:31:00 AM	PD	SO												X	1
4B	BKG03@1-2'		6/19/25	10:31:00 AM	PD	SO											X		

Turnaround Time (Business days)

Approved By (SGS PM): / Date:

- ☐ Standard 10 Day (business)
- ☐ 5 Business Days RUSH
- ☐ 3 Business Days RUSH
- ☐ 2 Business Days RUSH
- ☐ 1 Business Day EMERGENCY
- ☒ other Due 6/25/2025

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

Data Deliverable Information

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

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

Comments / Special Instructions

2-35 (TCS)

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

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

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		6-26-25	Fedex	Fedex	062725 1	2
2	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
3				4		
5	Relinquished by:	Date Time:	Received By:	Custody Seal #	☐ Intact ☐ Not intact	Preserved where applicable ☐ Therm. ID:	On Ice ☐	Cooler Temp.
			5					

CHAIN OF CUSTODY

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Phone #: 303-425-6021, Fax #:
Sampler(s) Name(s): PD, Phone:

Project Information

Project Name: TASMCOA: Spomer-65N66W 32SESE
Street:
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Billing Information (if different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	AGMS ,ASMS ,BAMS ,CDMS ,CUMS ,NIMS ,PBMS ,PH-SATPASTE ,SCON ,SEMS	HWS-B ,	PASTE ,SAR ,SARCA ,SARMG ,SARNA ,	LAB USE ONLY
5	BKG03@3-4'		6/19/25	10:36:00 AM	PD	SO										X			
5A	BKG03@3-4'		6/19/25	10:36:00 AM	PD	SO												X	1
5B	BKG03@3-4'		6/19/25	10:36:00 AM	PD	SO											X		
6	BKG03@4-5'		6/19/25	10:42:00 AM	PD	SO										X			
6A	BKG03@4-5'		6/19/25	10:42:00 AM	PD	SO												X	1
6B	BKG03@4-5'		6/19/25	10:42:00 AM	PD	SO											X		
7	BKG04@0-1'		6/19/25	11:10:00 AM	PD	SO										X			
7A	BKG04@0-1'		6/19/25	11:10:00 AM	PD	SO												X	1
7B	BKG04@0-1'		6/19/25	11:10:00 AM	PD	SO											X		
8	BKG04@2-3'		6/19/25	11:15:00 AM	PD	SO										X			1
8A	BKG04@2-3'		6/19/25	11:15:00 AM	PD	SO												X	
8B	BKG04@2-3'		6/19/25	11:15:00 AM	PD	SO											X		

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

Turnaround Time (Business days)

Approved By (SGS PM): / Date:

- [ ] Standard 10 Day (business)
- [ ] 5 Business Days RUSH
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3	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
			3	4		4
5	Relinquished by:	Date Time:	Received By:	Custody Seal #	Intact / Not intact	Preserved where applicable / Therm. ID:	On Ice	Cooler Temp.
			5		☐ / ☐	☒	☐	3.2 [illegible]

5.1 5

CHAIN OF CUSTODY

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Phone # 303-425-6021 Fax #:
Sampler(s) Name(s) Phone: PD

Project Information

Project Name: TASMCOA: Spomer-65N66W 32SESE
Street:
City State:
Project #:
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Project Manager:

Billing Information (if different from Report to)

Company Name:
Street Address:
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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	AGMS,ASMS,BAMS,CDMS,CUMS,NIMS,PBMS,PH-SATPASTE,SCON,SEMS	HWS-B,	PASTE,SAR,SARCA,SARMG,SARNA,									LAB USE ONLY
9	BKG04@4-5'		6/19/25	11:21:00 AM	PD	SO										X										
9A	BKG04@4-5'		6/19/25	11:21:00 AM	PD	SO												X								1	
9B	BKG04@4-5'		6/19/25	11:21:00 AM	PD	SO											X										
10	BKG05@1-2'		6/19/25	11:43:00 AM	PD	SO										X											
10A	BKG05@1-2'		6/19/25	11:43:00 AM	PD	SO												X								1	
10B	BKG05@1-2'		6/19/25	11:43:00 AM	PD	SO											X										
11	BKG05@3-4'		6/19/25	11:49:00 AM	PD	SO										X											
11A	BKG05@3-4'		6/19/25	11:49:00 AM	PD	SO												X								1	
11B	BKG05@3-4'		6/19/25	11:49:00 AM	PD	SO											X										
12	BKG05@4-5'		6/19/25	11:52:00 AM	PD	SO										X											
12A	BKG05@4-5'		6/19/25	11:52:00 AM	PD	SO												X								1	
12B	BKG05@4-5'		6/19/25	11:52:00 AM	PD	SO											X										

Matrix Codes

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

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 6/25/2025

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

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

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	6-23-25	1	2		2
Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
3		3	4		4
Relinquished by:	Date Time:	Received By:	Custody Seal #	Intact / Not intact	Preserved where applicable / Therm. ID:	On Ice	Cooler Temp.
5		5					

SGS

CHAIN OF CUSTODY

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

FED-EX Tracking # | Bottle Order Control #
SGS Quote # | SGS Job # DA73171

Client / Reporting Information

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

Project Information

Project Name: TASMCOA: Spomer-65N66W 32SESE
Street / City / State / Zip
Project # / Client Purchase Order # / Project Manager

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

Requested Analysis (see TEST CODE sheet): AGMS ,ASMS ,BAMS ,CDMS ,CUMS ,NIMS ,PBMS ,PH-SATPASTE ,SCON ,SEMS; HWS-B; PASTE ,SAR ,SARCA ,SARMG ,SARNA

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

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	AGMS ,ASMS ,BAMS ,CDMS ,CUMS ,NIMS ,PBMS ,PH-SATPASTE ,SCON ,SEMS	HWS-B	PASTE ,SAR ,SARCA ,SARMG ,SARNA	LAB USE ONLY
13	BKG06@0-1'		6/19/25	12:08:00 PM	PD	SO										X			
13A	BKG06@0-1'		6/19/25	12:08:00 PM	PD	SO												X	
13B	BKG06@0-1'		6/19/25	12:08:00 PM	PD	SO											X		
14	BKG06@2-3'		6/19/25	12:12:00 PM	PD	SO										X			
14A	BKG06@2-3'		6/19/25	12:12:00 PM	PD	SO												X	
14B	BKG06@2-3'		6/19/25	12:12:00 PM	PD	SO											X		
15	BKG06@4-5'		6/19/25	12:17:00 PM	PD	SO										X			
15A	BKG06@4-5'		6/19/25	12:17:00 PM	PD	SO												X	
15B	BKG06@4-5'		6/19/25	12:17:00 PM	PD	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 6/25/2025

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

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

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

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	6-20-25 1400	1 Felipe	2 Felipe	062025 1405	2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal # Cowseal	☑ Intact ☐ Not intact	Preserved where applicable ☐ On Ice ☐ Cooler Temp. 3.2 (IR04) Therm. ID:

DA73171: Chain of Custody
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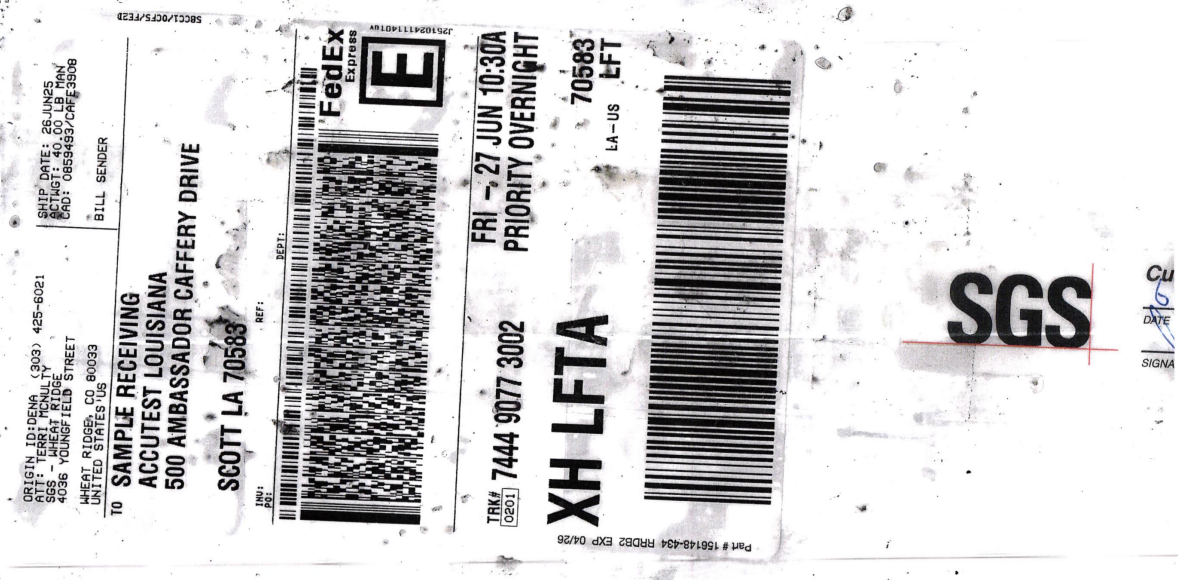

DA73171: Chain of Custody
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Metals Analysis

QC Data Summaries

(SGS Scott, LA)

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: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30921 Methods: SW846 6020A
Matrix Type: SOLID Units: mg/kg

Prep Date: 06/24/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	10	.014	4.3		
Antimony	0.10	.00022	.049		
Arsenic	0.10	.00079	.041	-0.0017	<0.10
Barium	0.10	.00041	.059	0.0022	<0.10
Beryllium	0.10	.00035	.053		
Boron	2.0	.043	.59		
Cadmium	0.050	.00016	.035	0.00030	<0.050
Calcium	10	.43	4.7		
Cerium	0.10	.00015	.056		
Chromium	0.10	.0016	.036		
Cobalt	0.10	.00016	.05		
Copper	0.10	.0008	.07	0.00090	<0.10
Iron	10	.0097	4.2		
Lithium	0.20	.0012	.032		
Lead	0.10	.001	.056	0.00070	<0.10
Lanthanum	0.10	.00017	.053		
Magnesium	10	.016	3.6		
Manganese	0.10	.00091	.038		
Molybdenum	0.10	.00038	.028		
Nickel	0.10	.00038	.05	-0.0042	<0.10
Potassium	10	.25	6		
Selenium	0.10	.015	.015	0.00060	<0.10
Silver	0.10	.00024	.017	0.00020	<0.10
Silicon	50	.42	5.4		
Sodium	10	.22	3.3		
Strontium	0.10	.00054	.043		
Thallium	0.10	.00023	.057		
Tin	0.10	.002	.0065		
Titanium	0.20	.0021	.071		
Uranium	0.10	.00019	.039		
Vanadium	0.10	.00087	.023		
Zinc	0.10	.0017	.01	-0.0039	<0.10

Associated samples MP30921: DA73171-1, DA73171-2, DA73171-3, DA73171-4, DA73171-5, DA73171-6, DA73171-7, DA73171-8, DA73171-9, DA73171-10, DA73171-11, DA73171-12, DA73171-14, DA73171-15

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30921 Methods: SW846 6020A
Matrix Type: SOLID Units: mg/kg

Prep Date: 06/24/25

Metal	RL	IDL	MDL	MB raw	final

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30921 Methods: SW846 6020A
Matrix Type: SOLID Units: mg/kg

Prep Date: 06/24/25

Metal	DA73171-1 Original	MS	Spikelot MPICPMS6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	8.3	20.9	15	86.8	75-125
Barium	268	277	15	80.2	75-125
Beryllium					
Boron					
Cadmium	0.56	16.2	15	104.5	75-125
Calcium					
Cerium					
Chromium					
Cobalt					
Copper	31.7	46.5	15	120.9	75-125
Iron					
Lithium					
Lead	24.2	39.0	15	114.9	75-125
Lanthanum					
Magnesium					
Manganese					
Molybdenum					
Nickel	24.7	41.0	15	108.9	75-125
Potassium					
Selenium	3.7	77.8	74.9	99.0	75-125
Silver	0.13	15.4	15	102.0	75-125
Silicon					
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	130	139	15	160.3(a)	75-125

Associated samples MP30921: DA73171-1, DA73171-2, DA73171-3, DA73171-4, DA73171-5, DA73171-6, DA73171-7, DA73171-8, DA73171-9, DA73171-10, DA73171-11, DA73171-12, DA73171-14, DA73171-15

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30921 Methods: SW846 6020A
Matrix Type: SOLID Units: mg/kg

Prep Date: 06/24/25

	DA73171-1	Spikelot	QC
Metal	Original MS	MPICPMS6 % Rec	Limits

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 amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30921 Methods: SW846 6020A
Matrix Type: SOLID Units: mg/kg

Prep Date: 06/24/25

Metal	DA73171-1 Original	MSD	Spikelot MPICPMS6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	8.3	22.8	15	99.5	8.7	20
Barium	268	304	15	260.5(a)	9.3	20
Beryllium						
Boron						
Cadmium	0.56	15.6	15	100.5	3.8	20
Calcium						
Cerium						
Chromium						
Cobalt						
Copper	31.7	51.9	15	157.0N(b	11.0	20
Iron						
Lithium						
Lead	24.2	38.6	15	112.2	1.0	20
Lanthanum						
Magnesium						
Manganese						
Molybdenum						
Nickel	24.7	44.6	15	132.9N(b	8.4	20
Potassium						
Selenium	3.7	81.7	74.9	104.2	4.9	20
Silver	0.13	15.0	15	99.3	2.6	20
Silicon						
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc	130	154	15	260.5(a)	10.2	20

Associated samples MP30921: DA73171-1, DA73171-2, DA73171-3, DA73171-4, DA73171-5, DA73171-6, DA73171-7, DA73171-8, DA73171-9, DA73171-10, DA73171-11, DA73171-12, DA73171-14, DA73171-15

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30921 Methods: SW846 6020A
Matrix Type: SOLID Units: mg/kg

Prep Date: 06/24/25

	DA73171-1	Spikelot	MSD	QC
Metal	Original MSD	MPICPMS6 % Rec	RPD	Limit

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 amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
(b) Spike recovery indicates possible matrix interference or sample non-homogeneity.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30921 Methods: SW846 6020A
Matrix Type: SOLID Units: mg/kg

Prep Date: 06/24/25

Metal	LCS Result	Spikelot LCSMETAL25%	Rec	QC Limits
Aluminum				
Antimony				
Arsenic	174	192	90.6	80-120
Barium	211	219	96.3	80-120
Beryllium				
Boron				
Cadmium	118	114	103.5	80-120
Calcium				
Cerium				
Chromium				
Cobalt				
Copper	83.9	91.2	92.0	80-120
Iron				
Lithium				
Lead	153	141	108.5	80-120
Lanthanum				
Magnesium				
Manganese				
Molybdenum				
Nickel	136	143	95.1	80-120
Potassium				
Selenium	86.0	94.7	90.8	80-120
Silver	78.7	77	102.2	80-120
Silicon				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	262	292	89.7	80-120

Associated samples MP30921: DA73171-1, DA73171-2, DA73171-3, DA73171-4, DA73171-5, DA73171-6, DA73171-7, DA73171-8, DA73171-9, DA73171-10, DA73171-11, DA73171-12, DA73171-14, DA73171-15

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30921 Methods: SW846 6020A
Matrix Type: SOLID Units: mg/kg

Prep Date: 06/24/25

Metal	LCS Result	Spikelot LCSMETAL25% Rec	QC Limits

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30921 Methods: SW846 6020A
Matrix Type: SOLID Units: ug/l

Prep Date: 06/24/25

Metal	DA73171-1 Original	SDL 5:25	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	55.2	62.0	18.0*(a)	0-10
Barium	1790	1760	0.5	0-10
Beryllium				
Boron				
Cadmium	3.74	3.70	0.9	0-10
Calcium				
Cerium				
Chromium				
Cobalt				
Copper	212	231	21.9*(a)	0-10
Iron				
Lithium				
Lead	162	147	0.7	0-10
Lanthanum				
Magnesium				
Manganese				
Molybdenum				
Nickel	165	198	20.0*(a)	0-10
Potassium				
Selenium	24.9	44.2	78.0 (b)	0-10
Silver	0.857	0.883	3.9	0-10
Silicon				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	871	913	18.8*(a)	0-10

Associated samples MP30921: DA73171-1, DA73171-2, DA73171-3, DA73171-4, DA73171-5, DA73171-6, DA73171-7, DA73171-8, DA73171-9, DA73171-10, DA73171-11, DA73171-12, DA73171-14, DA73171-15

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30921 Methods: SW846 6020A
Matrix Type: SOLID Units: ug/l

Prep Date: 06/24/25

	DA73171-1	QC
Metal	Original SDL 5:25 %DIF	Limits

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

POST DIGESTATE SPIKE SUMMARY

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30921 Methods: SW846 6020A
Matrix Type: SOLID Units: ug/l

Prep Date: 06/24/25

Metal	Sample ml	Final ml	DA73171-1 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Arsenic										
Barium										
Beryllium										
Boron										
Cadmium										
Calcium										
Cerium										
Chromium										
Cobalt										
Copper	.4	10	189.462	7.57848	102.136	.1	10	100	94.6	75-125
Iron										
Lithium										
Lead										
Lanthanum										
Magnesium										
Manganese										
Molybdenum										
Nickel	.4	10	165.324	6.61296	102.083	.1	10	100	95.5	75-125
Potassium										
Silver										
Silicon										
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Uranium										
Vanadium										
Zinc										

Associated samples MP30921: DA73171-1, DA73171-2, DA73171-3, DA73171-4, DA73171-5, DA73171-6, DA73171-7, DA73171-8, DA73171-9, DA73171-10, DA73171-11, DA73171-12, DA73171-14, DA73171-15

Results < IDL are shown as zero for calculation purposes

POST DIGESTATE SPIKE SUMMARY

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30921
Matrix Type: SOLID

Methods: SW846 6020A
Units: ug/l

Prep Date: 06/24/25

Metal	Sample ml	Final ml	DA73171-1 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits

(*) Outside of QC limits
(**) Corr. sample result = Raw * (sample volume / final volume)
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30937
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 06/26/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	500	62	120		
Antimony	30	8.1	18		
Arsenic	50	14	43		
Barium	50	1.7	8.5		
Beryllium	20	.15	4.5		
Boron	500	2.4	210	50.9	<500
Cadmium	25	1.2	4.5		
Calcium	500	23	160		
Chromium	50	1.4	6		
Cobalt	50	1.2	5.5		
Copper	50	3	14		
Iron	500	16	90		
Lead	50	6.1	19		
Lithium	50	17	22		
Magnesium	500	120	200		
Manganese	50	.35	4.5		
Molybdenum	50	1.2	8.5		
Nickel	50	3.1	7.5		
Potassium	2500	250	610		
Selenium	50	22	22		
Silver	50	3.5	19		
Sodium	2500	170	580		
Strontium	50	.6	15		
Thallium	50	13	23		
Tin	50	4	8.5		
Titanium	50	1.7	4		
Vanadium	50	1.4	7.5		
Zinc	100	1.3	58		

Associated samples MP30937: DA73171-1B, DA73171-2B, DA73171-3B, DA73171-4B, DA73171-5B, DA73171-6B, DA73171-7B, DA73171-8B, DA73171-9B, DA73171-10B, DA73171-11B, DA73171-12B, DA73171-14B, DA73171-15B

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30937
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 06/26/25

Metal	DA73171-7B Original	DUP	RPD	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	96.2	96.0	0.2	0-20
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP30937: DA73171-1B, DA73171-2B, DA73171-3B, DA73171-4B, DA73171-5B, DA73171-6B, DA73171-7B, DA73171-8B, DA73171-9B, DA73171-10B, DA73171-11B, DA73171-12B, DA73171-14B, DA73171-15B

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30937
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 06/26/25

Metal	BSP Result	Spikelot ICPSPIKE1%	Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	4690	5000	93.8	80-120
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP30937: DA73171-1B, DA73171-2B, DA73171-3B, DA73171-4B, DA73171-5B, DA73171-6B, DA73171-7B, DA73171-8B, DA73171-9B, DA73171-10B, DA73171-11B, DA73171-12B, DA73171-14B, DA73171-15B

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30937 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 06/26/25

Metal	DA73171-7B Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	19.2	25.0	30.0 (a)	0-10
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP30937: DA73171-1B, DA73171-2B, DA73171-3B, DA73171-4B, DA73171-5B, DA73171-6B, DA73171-7B, DA73171-8B, DA73171-9B, DA73171-10B, DA73171-11B, DA73171-12B, DA73171-14B, DA73171-15B

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).

POST DIGESTATE SPIKE SUMMARY

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30937 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 06/26/25

Metal	Sample ml	Final ml	DA73171-7B Raw	DA73171-7B Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Arsenic										
Barium										
Beryllium										
Boron	2	10	19.24	3.848	207.22	0.02	100	200	101.7	75-125
Cadmium										
Calcium										
Chromium										
Cobalt										
Copper										
Iron										
Lead										
Lithium										
Magnesium										
Manganese										
Molybdenum										
Nickel										
Potassium										
Selenium										
Silver										
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Vanadium										
Zinc										

Associated samples MP30937: DA73171-1B, DA73171-2B, DA73171-3B, DA73171-4B, DA73171-5B, DA73171-6B, DA73171-7B, DA73171-8B, DA73171-9B, DA73171-10B, DA73171-11B, DA73171-12B, DA73171-14B, DA73171-15B

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(**) Corr. sample result = Raw * (sample volume / final volume)
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30950
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 06/27/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	100	13	25		
Antimony	6.0	2	3.6		
Arsenic	10	2.4	8.6		
Barium	10	.36	1.7		
Beryllium	4.0	.06	.9		
Boron	100	.72	42		
Cadmium	5.0	.14	.9		
Calcium	100	3.8	32	-0.48	<100
Chromium	10	.39	1.2		
Cobalt	10	.26	1.1		
Copper	10	.77	2.8		
Iron	100	2.9	18		
Lead	10	1.4	3.7		
Lithium	10	2.4	4.3		
Magnesium	100	22	40	-1.6	<100
Manganese	10	.11	.9		
Molybdenum	10	.16	1.7		
Nickel	10	.29	1.5		
Potassium	500	50	120		
Selenium	10	1.5	4.3		
Silver	10	.57	3.7		
Sodium	500	20	120	16.1	<500
Strontium	10	.1	3		
Thallium	10	1.5	4.6		
Tin	10	.74	1.7		
Titanium	10	.41	.8		
Vanadium	10	.39	1.5		
Zinc	20	.18	12		

Associated samples MP30950: DA73171-1A, DA73171-2A, DA73171-3A, DA73171-4A, DA73171-5A, DA73171-6A, DA73171-7A, DA73171-8A, DA73171-9A, DA73171-10A, DA73171-11A, DA73171-12A, DA73171-14A, DA73171-15A

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30950
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 06/27/25

Metal	DA73171-7A Original	DUP	RPD	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	477000	477000	0.0	0-20
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	195000	194000	0.5	0-20
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium	32000	32200	0.6	0-20
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP30950: DA73171-1A, DA73171-2A, DA73171-3A, DA73171-4A, DA73171-5A, DA73171-6A, DA73171-7A, DA73171-8A, DA73171-9A, DA73171-10A, DA73171-11A, DA73171-12A, DA73171-14A, DA73171-15A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30950
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 06/27/25

Metal	BSP Result	Spikelot LA29BSPIKE	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	4000	4000	100.0	80-120
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	1840	2000	92.0	80-120
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium	99500	100000	99.5	80-120
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP30950: DA73171-1A, DA73171-2A, DA73171-3A, DA73171-4A, DA73171-5A, DA73171-6A, DA73171-7A, DA73171-8A, DA73171-9A, DA73171-10A, DA73171-11A, DA73171-12A, DA73171-14A, DA73171-15A

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30969 Methods: SW846 6020A
Matrix Type: SOLID Units: mg/kg

Prep Date: 06/27/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	10	.014	4.3		
Antimony	0.10	.00022	.049		
Arsenic	0.10	.00079	.041	0.00010	<0.10
Barium	0.10	.00041	.059	0.00010	<0.10
Beryllium	0.10	.00035	.053		
Boron	2.0	.043	.59		
Cadmium	0.050	.00016	.035	0.00010	<0.050
Calcium	10	.43	4.7		
Cerium	0.10	.00015	.056		
Chromium	0.10	.0016	.036		
Cobalt	0.10	.00016	.05		
Copper	0.10	.0008	.07	0.00070	<0.10
Iron	10	.0097	4.2		
Lithium	0.20	.0012	.032		
Lead	0.10	.001	.056	0.00060	<0.10
Lanthanum	0.10	.00017	.053		
Magnesium	10	.016	3.6		
Manganese	0.10	.00091	.038		
Molybdenum	0.10	.00038	.028		
Nickel	0.10	.00038	.05	0.0054	<0.10
Potassium	10	.25	6		
Selenium	0.10	.015	.015	0.019	<0.10
Silver	0.10	.00024	.017	0.00010	<0.10
Silicon	50	.42	5.4		
Sodium	10	.22	3.3		
Strontium	0.10	.00054	.043		
Thallium	0.10	.00023	.057		
Tin	0.10	.002	.0065		
Titanium	0.20	.0021	.071		
Uranium	0.10	.00019	.039		
Vanadium	0.10	.00087	.023		
Zinc	0.10	.0017	.01	0.0021	<0.10

Associated samples MP30969: DA73171-13

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30969 Methods: SW846 6020A
Matrix Type: SOLID Units: mg/kg

Prep Date: 06/27/25

Metal	RL	IDL	MDL	MB raw	final

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30969
Matrix Type: SOLID

Methods: SW846 6020A
Units: mg/kg

Prep Date: 06/27/25

Metal	DA73171-13 Original	MS	Spikelot MPICPMS6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	9.6	25.0	14.8	104.1	75-125
Barium	125	143	14.8	121.7	75-125
Beryllium					
Boron					
Cadmium	0.28	16.3	14.8	108.5	75-125
Calcium					
Cerium					
Chromium	anr				
Cobalt					
Copper	13.3	30.4	14.8	115.6	75-125
Iron					
Lithium					
Lead	15.5	32.9	14.8	117.6	75-125
Lanthanum					
Magnesium					
Manganese					
Molybdenum					
Nickel	16.0	31.6	14.8	105.5	75-125
Potassium					
Selenium	3.8	84.5	74	109.1	75-125
Silver	0.081	15.9	14.8	106.9	75-125
Silicon					
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	66.4	82.8	14.8	110.9	75-125

Associated samples MP30969: DA73171-13

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30969 Methods: SW846 6020A
Matrix Type: SOLID Units: mg/kg

Prep Date: 06/27/25

	DA73171-13	Spikelot	QC
Metal	Original MS	MPICPMS6 % Rec	Limits

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30969 Methods: SW846 6020A
Matrix Type: SOLID Units: mg/kg

Prep Date: 06/27/25

Metal	DA73171-13 Original	MSD	Spikelot MPICPMS6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	9.6	26.3	14.8	112.9	5.1	20
Barium	125	146	14.8	142.0(a)	2.1	20
Beryllium						
Boron						
Cadmium	0.28	17.0	14.8	113.2	4.2	20
Calcium						
Cerium						
Chromium	anr					
Cobalt						
Copper	13.3	35.2	14.8	148.0N(b	14.6	20
Iron						
Lithium						
Lead	15.5	33.2	14.8	119.7	0.9	20
Lanthanum						
Magnesium						
Manganese						
Molybdenum						
Nickel	16.0	34.1	14.8	122.4	7.6	20
Potassium						
Selenium	3.8	86.7	74	112.1	2.6	20
Silver	0.081	16.5	14.8	111.0	3.7	20
Silicon						
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc	66.4	92.6	14.8	177.1(a)	11.2	20

Associated samples MP30969: DA73171-13

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30969 Methods: SW846 6020A
Matrix Type: SOLID Units: mg/kg

Prep Date: 06/27/25

	DA73171-13	Spikelot	MSD	QC
Metal	Original MSD	MPICPMS6 % Rec	RPD	Limit

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 amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
(b) Spike recovery indicates possible matrix interference or sample non-homogeneity.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30969
Matrix Type: SOLID

Methods: SW846 6020A
Units: mg/kg

Prep Date: 06/27/25

Metal	LCS Result	Spikelot LCSMETAL25%	Rec	QC Limits
Aluminum				
Antimony				
Arsenic	174	192	90.6	80-120
Barium	228	219	104.1	80-120
Beryllium				
Boron				
Cadmium	113	114	99.1	80-120
Calcium				
Cerium				
Chromium	anr			
Cobalt				
Copper	82.8	91.2	90.8	80-120
Iron				
Lithium				
Lead	147	141	104.3	80-120
Lanthanum				
Magnesium				
Manganese				
Molybdenum				
Nickel	134	143	93.7	80-120
Potassium				
Selenium	88.7	94.7	93.7	80-120
Silver	75.4	77	97.9	80-120
Silicon				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	267	292	91.4	80-120

Associated samples MP30969: DA73171-13

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30969 Methods: SW846 6020A
Matrix Type: SOLID Units: mg/kg

Prep Date: 06/27/25

Metal	LCS Result	Spikelot LCSMETAL25% Rec	QC Limits

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30969 Methods: SW846 6020A
Matrix Type: SOLID Units: ug/l

Prep Date: 06/27/25

Metal	DA73171-13 Original	SDL 50:250%DIF		QC Limits
Aluminum				
Antimony				
Arsenic	65.1	69.6	6.9	0-10
Barium	845	814	3.6	0-10
Beryllium				
Boron				
Cadmium	1.67	0.977	41.3 (a)	0-10
Calcium				
Cerium				
Chromium	anr			
Cobalt				
Copper	90.0	82.6	8.3	0-10
Iron				
Lithium				
Lead	105	109	3.8	0-10
Lanthanum				
Magnesium				
Manganese				
Molybdenum				
Nickel	108	105	3.2	0-10
Potassium				
Selenium	25.8	0.00	100.0(a)	0-10
Silver	0.548	0.00	100.0(a)	0-10
Silicon				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	449	445	0.8	0-10

Associated samples MP30969: DA73171-13

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30969 Methods: SW846 6020A
Matrix Type: SOLID Units: ug/l

Prep Date: 06/27/25

	DA73171-13	QC
Metal	Original SDL 50:250%DIF	Limits

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).

POST DIGESTATE SPIKE SUMMARY

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30969 Methods: SW846 6020A
Matrix Type: SOLID Units: ug/l

Prep Date: 06/27/25

Metal	Sample ml	Final ml	DA73171-13 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Beryllium										
Boron										
Calcium										
Cerium										
Chromium										
Cobalt										
Copper	.04	10	90.032	.360128	97.623	0.1	10	100	97.3	75-125
Iron										
Lithium										
Lanthanum										
Magnesium										
Manganese										
Molybdenum										
Potassium										
Silicon										
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Uranium										
Vanadium										

Associated samples MP30969: DA73171-13

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(**) Corr. sample result = Raw * (sample volume / final volume)
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30980
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 07/01/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	100	13	25		
Antimony	6.0	2	3.6		
Arsenic	10	2.4	8.6		
Barium	10	.36	1.7		
Beryllium	4.0	.06	.9		
Boron	100	.72	42		
Cadmium	5.0	.14	.9		
Calcium	100	3.8	32	-11	<100
Chromium	10	.39	1.2		
Cobalt	10	.26	1.1		
Copper	10	.77	2.8		
Iron	100	2.9	18		
Lead	10	1.4	3.7		
Lithium	10	2.4	4.3		
Magnesium	100	22	40	6.4	<100
Manganese	10	.11	.9		
Molybdenum	10	.16	1.7		
Nickel	10	.29	1.5		
Potassium	500	50	120		
Selenium	10	1.5	4.3		
Silver	10	.57	3.7		
Sodium	500	20	120	-53	<500
Strontium	10	.1	3		
Thallium	10	1.5	4.6		
Tin	10	.74	1.7		
Titanium	10	.41	.8		
Vanadium	10	.39	1.5		
Zinc	20	.18	12		

Associated samples MP30980: DA73171-13A

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30980 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 07/01/25

Metal	DA73171-13A Original	DUP	RPD	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	126000	131000	3.9	0-20
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	10900	11200	2.7	0-20
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium	3900	3810	2.3	0-20
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP30980: DA73171-13A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30980
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 07/01/25

Metal	BSP Result	Spikelot LA29BSPIKE	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	3620	4000	90.5	80-120
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	1800	2000	90.0	80-120
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium	91200	100000	91.2	80-120
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP30980: DA73171-13A

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30984
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 07/01/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	500	66	120		
Antimony	30	10	18		
Arsenic	50	12	43		
Barium	50	1.8	8.5		
Beryllium	20	.3	4.5		
Boron	500	3.6	210	-3.4	<500
Cadmium	25	.7	4.5		
Calcium	500	19	160		
Chromium	50	2	6		
Cobalt	50	1.3	5.5		
Copper	50	3.9	14		
Iron	500	14	90		
Lead	50	7.1	19		
Lithium	50	12	22		
Magnesium	500	110	200		
Manganese	50	.55	4.5		
Molybdenum	50	.8	8.5		
Nickel	50	1.5	7.5		
Potassium	2500	250	610		
Selenium	50	7.4	22		
Silver	50	2.9	19		
Sodium	2500	99	580		
Strontium	50	.5	15		
Thallium	50	7.4	23		
Tin	50	3.7	8.5		
Titanium	50	2.1	4		
Vanadium	50	2	7.5		
Zinc	100	.9	58		

Associated samples MP30984: DA73171-13B

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30984
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 07/01/25

Metal	DA73171-13B Original	DUP	RPD	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	66.3	63.9	3.7	0-20
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP30984: DA73171-13B

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30984
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 07/01/25

Metal	BSP Result	Spikelot ICPSPIKE1%	Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	5060	5000	101.2	80-120
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP30984: DA73171-13B

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30984 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 07/01/25

Metal	DA73171-13B Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	13.3	10.1	23.9 (a)	0-10
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP30984: DA73171-13B

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).

POST DIGESTATE SPIKE SUMMARY

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP30984 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 07/01/25

Metal	Sample ml	Final ml	DA73171-13B Raw	DA73171-13B Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Arsenic										
Barium										
Beryllium										
Boron	2	10	13.25	2.65	190.17	0.02	100	200	93.8	75-125
Cadmium										
Calcium										
Chromium										
Cobalt										
Copper										
Iron										
Lead										
Lithium										
Magnesium										
Manganese										
Molybdenum										
Nickel										
Potassium										
Selenium										
Silver										
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Vanadium										
Zinc										

Associated samples MP30984: DA73171-13B

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(**) Corr. sample result = Raw * (sample volume / final volume)
(anr) Analyte not requested

General Chemistry

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QC Data Summaries

(SGS Scott, LA)

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: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Specific Conductivity	GN33214			mmhos/cm	xxxxxxxx	1.4	99.3	90-110%
Specific Conductivity @ 25 C	GN33235			umhos/cm	1408	1380	97.9	90-110%
Specific Conductivity @ 25 C	GN33235			mmhos/cm	xxxxxxxx	1.4	97.9	90-110%
pH	GN33187			su	xxxxxxx	7.04	100.6	99.1-100.9%
pH	GN33228			su	xxxxxxx	7.03	100.4	99.1-100.9%

Associated Samples:
Batch GN33187: DA73171-1, DA73171-2, DA73171-3, DA73171-4, DA73171-5, DA73171-6, DA73171-7, DA73171-8, DA73171-9, DA73171-10, DA73171-11, DA73171-12, DA73171-14, DA73171-15
Batch GN33214: DA73171-1, DA73171-2, DA73171-3, DA73171-4, DA73171-5, DA73171-6, DA73171-7, DA73171-8, DA73171-9, DA73171-10, DA73171-11, DA73171-12, DA73171-14, DA73171-15
Batch GN33228: DA73171-13
Batch GN33235: DA73171-13
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Solids, Percent	GN33140	DA73194-6	%	94.3	94.4	0.1	0-20%
Solids, Percent	GN33193	LB16898-2	%	75.1	75.2	0.1	0-20%
Specific Conductivity	GN33214	DA73171-7	mmhos/cm	2.9	3.0	4.6	0-10%
Specific Conductivity @ 25 C	GN33235	LB16853-1	umhos/cm	161	158	2.0	0-10%
pH	GN33187	DA73171-1	su	7.24	7.23	0.1	0-20%
pH	GN33187	DA73171-11	su	7.11	7.10	0.1	0-20%
pH	GN33228	DA73171-13	su	7.24	7.23	0.1	0-20%

Associated Samples:
Batch GN33140: DA73171-1, DA73171-2, DA73171-3, DA73171-4, DA73171-5, DA73171-6, DA73171-7, DA73171-8, DA73171-9, DA73171-10, DA73171-11, DA73171-12, DA73171-14, DA73171-15
Batch GN33187: DA73171-1, DA73171-2, DA73171-3, DA73171-4, DA73171-5, DA73171-6, DA73171-7, DA73171-8, DA73171-9, DA73171-10, DA73171-11, DA73171-12, DA73171-14, DA73171-15
Batch GN33193: DA73171-13
Batch GN33214: DA73171-1, DA73171-2, DA73171-3, DA73171-4, DA73171-5, DA73171-6, DA73171-7, DA73171-8, DA73171-9, DA73171-10, DA73171-11, DA73171-12, DA73171-14, DA73171-15
Batch GN33228: DA73171-13
Batch GN33235: DA73171-13
(*) Outside of QC limits

Misc. Forms

Custody Documents and Other Forms

(SGS Dayton, NJ)

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

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

SO

FED-EX Tracking # 7494 9077 2911 | Bottle Order Control # | SGS Quote # | SGS Job # DA73171

Client / Reporting Information	Project Information	Requested Analysis (see TEST CODE sheet)	Matrix Codes
Company Name: SGS North America Inc.	Project Name: TASMCOA: Spomer-65N66W 32SESE		DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL- Sludge SED-Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB-Field Blank EB-Equipment Blank RB- Rinse Blank TB-Trip Blank
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 # 303-425-6021 Fax #	Client Purchase Order #	City State Zip	
Sampler(s) Name(s): PD Phone	Project Manager	Attention:	

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
1	BKG02@0-1'		6/19/25	10:03:00 AM	PD	SO										X	
2	BKG02@2-3'		6/19/25	10:07:00 AM	PD	SO										X	
3	BKG02@4-5'		6/19/25	10:11:00 AM	PD	SO										X	
4	BKG03@1-2'		6/19/25	10:31:00 AM	PD	SO										X	
5	BKG03@3-4'		6/19/25	10:36:00 AM	PD	SO										X	
6	BKG03@4-5'		6/19/25	10:42:00 AM	PD	SO										X	
7	BKG04@0-1'		6/19/25	11:10:00 AM	PD	SO										X	
8	BKG04@2-3'		6/19/25	11:15:00 AM	PD	SO										X	
9	BKG04@4-5'		6/19/25	11:21:00 AM	PD	SO										X	
10	BKG05@1-2'		6/19/25	11:43:00 AM	PD	SO										X	
11	BKG05@3-4'		6/19/25	11:49:00 AM	PD	SO										X	
12	BKG05@4-5'		6/19/25	11:52:00 AM	PD	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 6/25/2025

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

Comments / Special Instructions

Initial Assessment SO-2B
Label Verification

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

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

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	6-26-25	1	2	6/27/25 11:10	2
Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
3		3	4		4
Relinquished by:	Date Time:	Received By:	Custody Seal #	Preserved where applicable	On Ice / Cooler Temp
5		5	☐ Intact ☐ Not Intact	☐ Therm. ID:	2 gel IR-50

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

FEDEX Tracking # 7077 2999 | Bottle Order Control #
SGS Quote # | SGS Job # DA73171

Client / Reporting Information	Project Information	Requested Analysis (see TEST CODE sheet)	Matrix Codes
Company Name: SGS North America Inc.	Project Name: TASMCOA: Spomer-65N66W 32SESE		DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL- Sludge SED-Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB-Field Blank EB-Equipment Blank RB- Rinse Blank TB-Trip Blank
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 # 303-425-6021 Fax #	Client Purchase Order #	City State Zip	
Sampler(s) Name(s) PD Phone	Project Manager	Attention:	

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
13	BKG06@0-1'		6/19/25	12:08:00 PM	PD	SO										X	
14	BKG06@2-3'		6/19/25	12:12:00 PM	PD	SO										X	
15	BKG06@4-5'		6/19/25	12:17:00 PM	PD	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 6/25/2025

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

Comments / Special Instructions

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

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

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		6-26-25	FEDEX	FEDEX	6/27/25 11:10	
2	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
3				4		4
5	Relinquished by:	Date Time:	Received By:	Custody Seal #	Intact / Not Intact	Preserved where applicable / Therm. ID:	On Ice	Cooler Temp.
			5					

IR-50

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8

SGS Sample Receipt Summary

Job Number: DA73171 **Client:** SGS NORTH AMERICA INC **Project:** TASMCOA: SPOMER- 65N66W 32SESE

Date / Time Received: 6/27/2025 11:10:00 AM **Delivery Method:** FEDEX **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (2.4);

Cooler Temps (Corrected) °C: Cooler 1: (2.4);

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 Preservation	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

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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: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chromium, Hexavalent	GP62222/GN70423	0.40	0.0	mg/kg	40	37.7	94.3	80-120%
Chromium, Hexavalent	GP62222/GN70423			mg/kg	772	687	88.9	80-120%

Associated Samples:
Batch GP62222: DA73171-1, DA73171-2, DA73171-3, DA73171-4, DA73171-5, DA73171-6, DA73171-7, DA73171-8, DA73171-9, DA73171-10, DA73171-11, DA73171-12, DA73171-13, DA73171-14, DA73171-15
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Chromium, Hexavalent	GP62222/GN70423	DA73171-7	mg/kg	0.35	0.0	200.0(a)	0-20%

Associated Samples:
Batch GP62222: DA73171-1, DA73171-2, DA73171-3, DA73171-4, DA73171-5, DA73171-6, DA73171-7, DA73171-8, DA73171-9, DA73171-10, DA73171-11, DA73171-12, DA73171-13, DA73171-14, DA73171-15
(*) Outside of QC limits
(a) RPD acceptable due to low duplicate and sample concentrations.

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA73171
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chromium, Hexavalent	GP62222/GN70423	DA73171-7	mg/kg	0.35	48.7	48.4	98.6(a)	75-125%
Chromium, Hexavalent	GP62222/GN70423	DA73171-7	mg/kg	0.35	866	824	95.1(b)	75-125%

Associated Samples:
Batch GP62222: DA73171-1, DA73171-2, DA73171-3, DA73171-4, DA73171-5, DA73171-6, DA73171-7, DA73171-8, DA73171-9, DA73171-10, DA73171-11, DA73171-12, DA73171-13, DA73171-14, DA73171-15
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(a) Good recovery on soluble XCR matrix spike. Good recovery (103%) on the post-spike.
(b) Good recovery on insoluble XCR matrix spike. See additional comments on soluble matrix spike recovery.