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## Technical Report for

**Chevron USA, Inc.**

**TASMCOA: Dr Joe CC-64N63W 6SESE**

**10016;PO#UWRWE-A4040-ABN**

**SGS Job Number: DA75521**

**Sampling Date: 09/22/25**

### Report to:

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**Total number of pages in report: 534**



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

**Eric Hoffman**

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**Certifications: CO (CO00049), ND (R-027), UT (NELAP CO00049), LA (LA150028), TX (T104704511), WY (8TMS-L) HI (CO00049), NJ (CO011), NV (CO00049), AK (CO00049), CA (3076), and NC (08701)**

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**START SURVEY**

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## Sample Summary

Chevron USA, Inc.

**Job No:** DA75521

TASMCOA: Dr Joe CC-64N63W 6SESE  
 Project No: 10016;PO#UWRWE-A4040-ABN

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
DA75521-1	09/22/25	10:49 MR	09/22/25	SO	Soil	BH01@1-2'
DA75521-1A	09/22/25	10:49 MR	09/22/25	SO	Soil	BH01@1-2'
DA75521-1B	09/22/25	10:49 MR	09/22/25	SO	Soil	BH01@1-2'
DA75521-2	09/22/25	10:51 MR	09/22/25	SO	Soil	BH01@2-3'
DA75521-2A	09/22/25	10:51 MR	09/22/25	SO	Soil	BH01@2-3'
DA75521-2B	09/22/25	10:51 MR	09/22/25	SO	Soil	BH01@2-3'
DA75521-3	09/22/25	10:25 MR	09/22/25	SO	Soil	BH02@1-2'
DA75521-3A	09/22/25	10:25 MR	09/22/25	SO	Soil	BH02@1-2'
DA75521-3B	09/22/25	10:25 MR	09/22/25	SO	Soil	BH02@1-2'
DA75521-4	09/22/25	10:28 MR	09/22/25	SO	Soil	BH02@2-3'
DA75521-4A	09/22/25	10:28 MR	09/22/25	SO	Soil	BH02@2-3'
DA75521-4B	09/22/25	10:28 MR	09/22/25	SO	Soil	BH02@2-3'
DA75521-5	09/22/25	12:55 MR	09/22/25	SO	Soil	BH03@1-2'

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



## Sample Summary

(continued)

Chevron USA, Inc.

**Job No:** DA75521

TASMCOA: Dr Joe CC-64N63W 6SESE  
 Project No: 10016;PO#UWRWE-A4040-ABN

Sample Number	Collected		Matrix Received	Code	Type	Client Sample ID
	Date	Time By				
DA75521-5A	09/22/25	12:55 MR	09/22/25	SO	Soil	BH03@1-2'
DA75521-5B	09/22/25	12:55 MR	09/22/25	SO	Soil	BH03@1-2'
DA75521-6	09/22/25	12:58 MR	09/22/25	SO	Soil	BH03@2-3'
DA75521-6A	09/22/25	12:58 MR	09/22/25	SO	Soil	BH03@2-3'
DA75521-6B	09/22/25	12:58 MR	09/22/25	SO	Soil	BH03@2-3'
DA75521-7	09/22/25	11:01 MR	09/22/25	SO	Soil	BH04@1-2'
DA75521-7A	09/22/25	11:01 MR	09/22/25	SO	Soil	BH04@1-2'
DA75521-7B	09/22/25	11:01 MR	09/22/25	SO	Soil	BH04@1-2'
DA75521-8	09/22/25	11:04 MR	09/22/25	SO	Soil	BH04@2-3'
DA75521-8A	09/22/25	11:04 MR	09/22/25	SO	Soil	BH04@2-3'
DA75521-8B	09/22/25	11:04 MR	09/22/25	SO	Soil	BH04@2-3'
DA75521-9	09/22/25	11:15 MR	09/22/25	SO	Soil	BH05@1-2'
DA75521-9A	09/22/25	11:15 MR	09/22/25	SO	Soil	BH05@1-2'

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



## Sample Summary

(continued)

Chevron USA, Inc.

**Job No:** DA75521

TASMCOA: Dr Joe CC-64N63W 6SESE  
 Project No: 10016;PO#UWRWE-A4040-ABN

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
DA75521-9B	09/22/25	11:15 MR	09/22/25	SO	Soil	BH05@1-2'
DA75521-10	09/22/25	11:19 MR	09/22/25	SO	Soil	BH05@2-3'
DA75521-10A	09/22/25	11:19 MR	09/22/25	SO	Soil	BH05@2-3'
DA75521-10B	09/22/25	11:19 MR	09/22/25	SO	Soil	BH05@2-3'
DA75521-11	09/22/25	11:54 MR	09/22/25	SO	Soil	BH06@4-5'
DA75521-11A	09/22/25	11:54 MR	09/22/25	SO	Soil	BH06@4-5'
DA75521-11B	09/22/25	11:54 MR	09/22/25	SO	Soil	BH06@4-5'
DA75521-12	09/22/25	11:58 MR	09/22/25	SO	Soil	BH06@6-7'
DA75521-12A	09/22/25	11:58 MR	09/22/25	SO	Soil	BH06@6-7'
DA75521-12B	09/22/25	11:58 MR	09/22/25	SO	Soil	BH06@6-7'
DA75521-13	09/22/25	13:25 MR	09/22/25	SO	Soil	BH07@2-3'
DA75521-13A	09/22/25	13:25 MR	09/22/25	SO	Soil	BH07@2-3'
DA75521-13B	09/22/25	13:25 MR	09/22/25	SO	Soil	BH07@2-3'

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



## Sample Summary

(continued)

Chevron USA, Inc.

**Job No:** DA75521

TASMCOA: Dr Joe CC-64N63W 6SESE  
 Project No: 10016;PO#UWRWE-A4040-ABN

Sample Number	Collected		Matrix	Received	Code	Type	Client Sample ID
	Date	Time By					
DA75521-14	09/22/25	13:29 MR	09/22/25	SO	Soil	BH07@4-5'	
DA75521-14A	09/22/25	13:29 MR	09/22/25	SO	Soil	BH07@4-5'	
DA75521-14B	09/22/25	13:29 MR	09/22/25	SO	Soil	BH07@4-5'	
DA75521-15	09/22/25	13:32 MR	09/22/25	SO	Soil	BH07@6-7'	
DA75521-15A	09/22/25	13:32 MR	09/22/25	SO	Soil	BH07@6-7'	
DA75521-15B	09/22/25	13:32 MR	09/22/25	SO	Soil	BH07@6-7'	
DA75521-16	09/22/25	12:17 MR	09/22/25	SO	Soil	BH08@2-3'	
DA75521-16A	09/22/25	12:17 MR	09/22/25	SO	Soil	BH08@2-3'	
DA75521-16B	09/22/25	12:17 MR	09/22/25	SO	Soil	BH08@2-3'	
DA75521-17	09/22/25	12:22 MR	09/22/25	SO	Soil	BH08@4-5'	
DA75521-17A	09/22/25	12:22 MR	09/22/25	SO	Soil	BH08@4-5'	
DA75521-17B	09/22/25	12:22 MR	09/22/25	SO	Soil	BH08@4-5'	
DA75521-18	09/22/25	12:24 MR	09/22/25	SO	Soil	BH08@6-7'	

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



## Sample Summary

(continued)

Chevron USA, Inc.

**Job No:** DA75521

TASMCOA: Dr Joe CC-64N63W 6SESE  
 Project No: 10016;PO#UWRWE-A4040-ABN

Sample Number	Collected		Time By	Received	Matrix		Client Sample ID
	Date				Code	Type	
DA75521-18A	09/22/25	12:24	MR	09/22/25	SO	Soil	BH08@6-7'
DA75521-18B	09/22/25	12:24	MR	09/22/25	SO	Soil	BH08@6-7'
DA75521-19	09/22/25	12:36	MR	09/22/25	SO	Soil	BH09@2-3'
DA75521-19A	09/22/25	12:36	MR	09/22/25	SO	Soil	BH09@2-3'
DA75521-19B	09/22/25	12:36	MR	09/22/25	SO	Soil	BH09@2-3'
DA75521-20	09/22/25	12:41	MR	09/22/25	SO	Soil	BH09@4-5'
DA75521-20A	09/22/25	12:41	MR	09/22/25	SO	Soil	BH09@4-5'
DA75521-20B	09/22/25	12:41	MR	09/22/25	SO	Soil	BH09@4-5'
DA75521-21	09/22/25	12:44	MR	09/22/25	SO	Soil	BH09@6-7'
DA75521-21A	09/22/25	12:44	MR	09/22/25	SO	Soil	BH09@6-7'
DA75521-21B	09/22/25	12:44	MR	09/22/25	SO	Soil	BH09@6-7'
DA75521-22	09/22/25	13:07	MR	09/22/25	SO	Soil	BH10@2-3'
DA75521-22A	09/22/25	13:07	MR	09/22/25	SO	Soil	BH10@2-3'

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



## Sample Summary

(continued)

Chevron USA, Inc.

**Job No:** DA75521

TASMCOA: Dr Joe CC-64N63W 6SESE  
 Project No: 10016;PO#UWRWE-A4040-ABN

Sample Number	Collected		Matrix Code	Received	Type	Client Sample ID
	Date	Time By				
DA75521-22B	09/22/25	13:07 MR	SO	09/22/25	Soil	BH10@2-3'
DA75521-23	09/22/25	13:12 MR	SO	09/22/25	Soil	BH10@4-5'
DA75521-23A	09/22/25	13:12 MR	SO	09/22/25	Soil	BH10@4-5'
DA75521-23B	09/22/25	13:12 MR	SO	09/22/25	Soil	BH10@4-5'
DA75521-24	09/22/25	13:15 MR	SO	09/22/25	Soil	BH10@6-7'
DA75521-24A	09/22/25	13:15 MR	SO	09/22/25	Soil	BH10@6-7'
DA75521-24B	09/22/25	13:15 MR	SO	09/22/25	Soil	BH10@6-7'
DA75521-25	09/22/25	11:27 MR	SO	09/22/25	Soil	BH11@2-3'
DA75521-25A	09/22/25	11:27 MR	SO	09/22/25	Soil	BH11@2-3'
DA75521-25B	09/22/25	11:27 MR	SO	09/22/25	Soil	BH11@2-3'
DA75521-26	09/22/25	11:31 MR	SO	09/22/25	Soil	BH11@4-5'
DA75521-26A	09/22/25	11:31 MR	SO	09/22/25	Soil	BH11@4-5'
DA75521-26B	09/22/25	11:31 MR	SO	09/22/25	Soil	BH11@4-5'

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



### Sample Summary

(continued)

Chevron USA, Inc.

**Job No:** DA75521

TASMCOA: Dr Joe CC-64N63W 6SESE  
 Project No: 10016;PO#UWRWE-A4040-ABN

Sample Number	Collected		Matrix Code	Type	Client Sample ID
	Date	Time By			
DA75521-27	09/22/25	11:35 MR	09/22/25 SO	Soil	BH11@6-7'
DA75521-27A	09/22/25	11:35 MR	09/22/25 SO	Soil	BH11@6-7'
DA75521-27B	09/22/25	11:35 MR	09/22/25 SO	Soil	BH11@6-7'
DA75521-28	09/22/25	14:23 MR	09/22/25 SO	Soil	BKG04@2-3'
DA75521-28A	09/22/25	14:23 MR	09/22/25 SO	Soil	BKG04@2-3'
DA75521-28B	09/22/25	14:23 MR	09/22/25 SO	Soil	BKG04@2-3'
DA75521-29	09/22/25	14:26 MR	09/22/25 SO	Soil	BKG04@4-5'
DA75521-29A	09/22/25	14:26 MR	09/22/25 SO	Soil	BKG04@4-5'
DA75521-29B	09/22/25	14:26 MR	09/22/25 SO	Soil	BKG04@4-5'
DA75521-30	09/22/25	14:29 MR	09/22/25 SO	Soil	BKG04@6-7'
DA75521-30A	09/22/25	14:29 MR	09/22/25 SO	Soil	BKG04@6-7'
DA75521-30B	09/22/25	14:29 MR	09/22/25 SO	Soil	BKG04@6-7'
DA75521-31	09/22/25	14:09 MR	09/22/25 SO	Soil	BKG05@2-3'

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



## Sample Summary

(continued)

Chevron USA, Inc.

**Job No:** DA75521

TASMCOA: Dr Joe CC-64N63W 6SESE  
 Project No: 10016;PO#UWRWE-A4040-ABN

Sample Number	Collected		Matrix	Received	Code	Type	Client Sample ID
	Date	Time By					
DA75521-31A	09/22/25	14:09 MR	09/22/25	SO	Soil	BKG05@2-3'	
DA75521-31B	09/22/25	14:09 MR	09/22/25	SO	Soil	BKG05@2-3'	
DA75521-32	09/22/25	14:12 MR	09/22/25	SO	Soil	BKG05@4-5'	
DA75521-32A	09/22/25	14:12 MR	09/22/25	SO	Soil	BKG05@4-5'	
DA75521-32B	09/22/25	14:12 MR	09/22/25	SO	Soil	BKG05@4-5'	
DA75521-33	09/22/25	14:16 MR	09/22/25	SO	Soil	BKG05@6-7'	
DA75521-33A	09/22/25	14:16 MR	09/22/25	SO	Soil	BKG05@6-7'	
DA75521-33B	09/22/25	14:16 MR	09/22/25	SO	Soil	BKG05@6-7'	
DA75521-34	09/22/25	13:37 MR	09/22/25	SO	Soil	BKG06@2-3'	
DA75521-34A	09/22/25	13:37 MR	09/22/25	SO	Soil	BKG06@2-3'	
DA75521-34B	09/22/25	13:37 MR	09/22/25	SO	Soil	BKG06@2-3'	
DA75521-35	09/22/25	13:42 MR	09/22/25	SO	Soil	BKG06@4-5'	
DA75521-35A	09/22/25	13:42 MR	09/22/25	SO	Soil	BKG06@4-5'	

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



## Sample Summary

(continued)

Chevron USA, Inc.

**Job No:** DA75521

TASMCOA: Dr Joe CC-64N63W 6SESE  
 Project No: 10016;PO#UWRWE-A4040-ABN

Sample Number	Collected		Matrix	Received	Code	Type	Client Sample ID
	Date	Time By					
DA75521-35B	09/22/25	13:42 MR	SO	09/22/25	SO	Soil	BKG06@4-5'
DA75521-36	09/22/25	13:46 MR	SO	09/22/25	SO	Soil	BKG06@6-7'
DA75521-36A	09/22/25	13:46 MR	SO	09/22/25	SO	Soil	BKG06@6-7'
DA75521-36B	09/22/25	13:46 MR	SO	09/22/25	SO	Soil	BKG06@6-7'
DA75521-37	09/22/25	14:35 MR	SO	09/22/25	SO	Soil	BKG07@2-3'
DA75521-37A	09/22/25	14:35 MR	SO	09/22/25	SO	Soil	BKG07@2-3'
DA75521-37B	09/22/25	14:35 MR	SO	09/22/25	SO	Soil	BKG07@2-3'
DA75521-38	09/22/25	14:38 MR	SO	09/22/25	SO	Soil	BKG07@4-5'
DA75521-38A	09/22/25	14:38 MR	SO	09/22/25	SO	Soil	BKG07@4-5'
DA75521-38B	09/22/25	14:38 MR	SO	09/22/25	SO	Soil	BKG07@4-5'
DA75521-39	09/22/25	14:42 MR	SO	09/22/25	SO	Soil	BKG07@6-7'
DA75521-39A	09/22/25	14:42 MR	SO	09/22/25	SO	Soil	BKG07@6-7'
DA75521-39B	09/22/25	14:42 MR	SO	09/22/25	SO	Soil	BKG07@6-7'

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



## Sample Summary

(continued)

Chevron USA, Inc.

**Job No:** DA75521

TASMCOA: Dr Joe CC-64N63W 6SESE  
 Project No: 10016;PO#UWRWE-A4040-ABN

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
DA75521-40	09/22/25	14:51 MR	09/22/25	SO	Soil	BKG08@2-3'
DA75521-40A	09/22/25	14:51 MR	09/22/25	SO	Soil	BKG08@2-3'
DA75521-40B	09/22/25	14:51 MR	09/22/25	SO	Soil	BKG08@2-3'
DA75521-41	09/22/25	14:53 MR	09/22/25	SO	Soil	BKG08@4-5'
DA75521-41A	09/22/25	14:53 MR	09/22/25	SO	Soil	BKG08@4-5'
DA75521-41B	09/22/25	14:53 MR	09/22/25	SO	Soil	BKG08@4-5'
DA75521-42	09/22/25	14:56 MR	09/22/25	SO	Soil	BKG08@6-7'
DA75521-42A	09/22/25	14:56 MR	09/22/25	SO	Soil	BKG08@6-7'
DA75521-42B	09/22/25	14:56 MR	09/22/25	SO	Soil	BKG08@6-7'

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

## Summary of Hits

**Job Number:** DA75521  
**Account:** Chevron USA, Inc.  
**Project:** TASMCOA: Dr Joe CC-64N63W 6SESE  
**Collected:** 09/22/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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**DA75521-1 BH01@1-2'**

Arsenic	2.4	0.13			mg/kg	SW846 6020B
Barium	86.0	1.3			mg/kg	SW846 6020B
Cadmium	0.13	0.065			mg/kg	SW846 6020B
Copper	7.6	1.3			mg/kg	SW846 6020B
Lead	6.8	0.32			mg/kg	SW846 6020B
Nickel	6.0	1.3			mg/kg	SW846 6020B
Selenium	0.13	0.065			mg/kg	SW846 6020B
Zinc	25.4	6.5			mg/kg	SW846 6020B
pH <sup>a</sup>	7.41				su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>	0.31	0.010			mmhos/cm	SM 2510B-2011 MOD

**DA75521-1A BH01@1-2'**

Calcium <sup>a</sup>	68.3	0.50			mg/l	SW846 6010C
Magnesium <sup>a</sup>	21.5	0.50			mg/l	SW846 6010C
Sodium <sup>a</sup>	46.4	2.5			mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>	1.25				ratio	USDA HANDBOOK 60

**DA75521-1B BH01@1-2'**

No hits reported in this sample.

**DA75521-2 BH01@2-3'**

Arsenic	3.1	0.13			mg/kg	SW846 6020B
Barium	84.9	1.3			mg/kg	SW846 6020B
Cadmium	0.10	0.067			mg/kg	SW846 6020B
Copper	5.9	1.3			mg/kg	SW846 6020B
Lead	7.5	0.33			mg/kg	SW846 6020B
Nickel	6.1	1.3			mg/kg	SW846 6020B
Selenium	0.13	0.067			mg/kg	SW846 6020B
Zinc	24.9	6.7			mg/kg	SW846 6020B
pH <sup>a</sup>	7.88				su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>	0.39	0.010			mmhos/cm	SM 2510B-2011 MOD

**DA75521-2A BH01@2-3'**

Calcium <sup>a</sup>	48.3	0.50			mg/l	SW846 6010C
Magnesium <sup>a</sup>	11.5	0.50			mg/l	SW846 6010C
Sodium <sup>a</sup>	60.6	2.5			mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>	2.03				ratio	USDA HANDBOOK 60

## Summary of Hits

**Job Number:** DA75521  
**Account:** Chevron USA, Inc.  
**Project:** TASMCOA: Dr Joe CC-64N63W 6SESE  
**Collected:** 09/22/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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**DA75521-2B BH01@2-3'**

No hits reported in this sample.

**DA75521-3 BH02@1-2'**

Arsenic	1.9	0.14		mg/kg	SW846 6020B
Barium	54.8	1.4		mg/kg	SW846 6020B
Cadmium	0.099	0.071		mg/kg	SW846 6020B
Copper	4.9	1.4		mg/kg	SW846 6020B
Lead	5.0	0.36		mg/kg	SW846 6020B
Nickel	4.3	1.4		mg/kg	SW846 6020B
Selenium	0.10	0.071		mg/kg	SW846 6020B
Zinc	17.9	7.1		mg/kg	SW846 6020B
pH <sup>a</sup>	9.31			su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>	0.97	0.010		mmhos/cm	SM 2510B-2011 MOD

**DA75521-3A BH02@1-2'**

Calcium <sup>a</sup>	77.0	0.50		mg/l	SW846 6010C
Magnesium <sup>a</sup>	22.3	0.50		mg/l	SW846 6010C
Sodium <sup>a</sup>	95.7	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>	2.47			ratio	USDA HANDBOOK 60

**DA75521-3B BH02@1-2'**

No hits reported in this sample.

**DA75521-4 BH02@2-3'**

Arsenic	3.8	0.16		mg/kg	SW846 6020B
Barium	89.9	1.6		mg/kg	SW846 6020B
Cadmium	0.10	0.079		mg/kg	SW846 6020B
Copper	6.2	1.6		mg/kg	SW846 6020B
Lead	7.8	0.40		mg/kg	SW846 6020B
Nickel	8.2	1.6		mg/kg	SW846 6020B
Selenium	0.14	0.079		mg/kg	SW846 6020B
Silver	0.081	0.079		mg/kg	SW846 6020B
Zinc	24.9	7.9		mg/kg	SW846 6020B
pH <sup>a</sup>	8.55			su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>	1.6	0.010		mmhos/cm	SM 2510B-2011 MOD

**DA75521-4A BH02@2-3'**

Calcium <sup>a</sup>	175	0.50		mg/l	SW846 6010C
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## Summary of Hits

**Job Number:** DA75521  
**Account:** Chevron USA, Inc.  
**Project:** TASMCOA: Dr Joe CC-64N63W 6SESE  
**Collected:** 09/22/25

Lab Sample ID	Client Sample ID	Result/ Analyte	RL	MDL	Units	Method
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		Magnesium <sup>a</sup>	36.8	0.50	mg/l	SW846 6010C
		Sodium <sup>a</sup>	130	2.5	mg/l	SW846 6010C
		Sodium Adsorption Ratio <sup>b</sup>	2.33		ratio	USDA HANDBOOK 60

**DA75521-4B BH02@2-3'**

No hits reported in this sample.

**DA75521-5 BH03@1-2'**

		Arsenic	2.2	0.14	mg/kg	SW846 6020B
		Barium	105	1.4	mg/kg	SW846 6020B
		Cadmium	0.19	0.069	mg/kg	SW846 6020B
		Copper	10.2	1.4	mg/kg	SW846 6020B
		Lead	8.6	0.35	mg/kg	SW846 6020B
		Nickel	7.2	1.4	mg/kg	SW846 6020B
		Selenium	0.15	0.069	mg/kg	SW846 6020B
		Zinc	27.3	6.9	mg/kg	SW846 6020B
		pH <sup>a</sup>	9.03		su	WREP-125,4E-SATPASTE
		Specific Conductivity <sup>a</sup>	0.41	0.010	mmhos/cm	SM 2510B-2011 MOD

**DA75521-5A BH03@1-2'**

		Calcium <sup>a</sup>	74.4	0.50	mg/l	SW846 6010C
		Magnesium <sup>a</sup>	12.5	0.50	mg/l	SW846 6010C
		Sodium <sup>a</sup>	22.8	2.5	mg/l	SW846 6010C
		Sodium Adsorption Ratio <sup>b</sup>	0.644		ratio	USDA HANDBOOK 60

**DA75521-5B BH03@1-2'**

No hits reported in this sample.

**DA75521-6 BH03@2-3'**

		Arsenic	2.0	0.12	mg/kg	SW846 6020B
		Barium	65.7	1.2	mg/kg	SW846 6020B
		Cadmium	0.091	0.060	mg/kg	SW846 6020B
		Copper	5.4	1.2	mg/kg	SW846 6020B
		Lead	5.5	0.30	mg/kg	SW846 6020B
		Nickel	4.8	1.2	mg/kg	SW846 6020B
		Selenium	0.14	0.060	mg/kg	SW846 6020B
		Zinc	19.4	6.0	mg/kg	SW846 6020B
		pH <sup>a</sup>	7.75		su	WREP-125,4E-SATPASTE
		Specific Conductivity <sup>a</sup>	1.1	0.010	mmhos/cm	SM 2510B-2011 MOD

## Summary of Hits

**Job Number:** DA75521  
**Account:** Chevron USA, Inc.  
**Project:** TASMCOA: Dr Joe CC-64N63W 6SESE  
**Collected:** 09/22/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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**DA75521-6A BH03@2-3'**

Calcium <sup>a</sup>	149	0.50			mg/l	SW846 6010C
Magnesium <sup>a</sup>	27.9	0.50			mg/l	SW846 6010C
Sodium <sup>a</sup>	40.2	2.5			mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>	0.792				ratio	USDA HANDBOOK 60

**DA75521-6B BH03@2-3'**

No hits reported in this sample.

**DA75521-7 BH04@1-2'**

Arsenic	2.7	0.15			mg/kg	SW846 6020B
Barium	83.1	1.5			mg/kg	SW846 6020B
Cadmium	0.16	0.077			mg/kg	SW846 6020B
Copper	8.8	1.5			mg/kg	SW846 6020B
Lead	8.1	0.38			mg/kg	SW846 6020B
Nickel	6.4	1.5			mg/kg	SW846 6020B
Selenium	0.15	0.077			mg/kg	SW846 6020B
Zinc	28.1	7.7			mg/kg	SW846 6020B
pH <sup>a</sup>	8.32				su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>	0.40	0.010			mmhos/cm	SM 2510B-2011 MOD

**DA75521-7A BH04@1-2'**

Calcium <sup>a</sup>	70.1	0.50			mg/l	SW846 6010C
Magnesium <sup>a</sup>	18.1	0.50			mg/l	SW846 6010C
Sodium <sup>a</sup>	35.0	2.5			mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>	0.964				ratio	USDA HANDBOOK 60

**DA75521-7B BH04@1-2'**

No hits reported in this sample.

**DA75521-8 BH04@2-3'**

Arsenic	2.8	0.061			mg/kg	SW846 6020B
Barium	76.7	0.61			mg/kg	SW846 6020B
Cadmium	0.090	0.031			mg/kg	SW846 6020B
Copper	4.9	0.61			mg/kg	SW846 6020B
Lead	6.5	0.15			mg/kg	SW846 6020B
Nickel	5.6	0.61			mg/kg	SW846 6020B
Selenium	0.16	0.12			mg/kg	SW846 6020B
Silver	0.039	0.031			mg/kg	SW846 6020B

## Summary of Hits

**Job Number:** DA75521  
**Account:** Chevron USA, Inc.  
**Project:** TASMCOA: Dr Joe CC-64N63W 6SESE  
**Collected:** 09/22/25

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Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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Zinc		19.9	3.1		mg/kg	SW846 6020B
pH <sup>a</sup>		9.55			su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>		0.44	0.010		mmhos/cm	SM 2510B-2011 MOD

**DA75521-8A BH04@2-3'**

Calcium <sup>a</sup>		83.4	0.50		mg/l	SW846 6010C
Magnesium <sup>a</sup>		21.9	0.50		mg/l	SW846 6010C
Sodium <sup>a</sup>		27.5	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>		0.692			ratio	USDA HANDBOOK 60

**DA75521-8B BH04@2-3'**

No hits reported in this sample.

**DA75521-9 BH05@1-2'**

Arsenic		1.8	0.059		mg/kg	SW846 6020B
Barium		51.0	0.59		mg/kg	SW846 6020B
Cadmium		0.072	0.030		mg/kg	SW846 6020B
Copper		3.4	0.59		mg/kg	SW846 6020B
Lead		4.0	0.15		mg/kg	SW846 6020B
Nickel		3.2	0.59		mg/kg	SW846 6020B
Zinc		13.0	3.0		mg/kg	SW846 6020B
pH <sup>a</sup>		8.22			su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>		0.29	0.010		mmhos/cm	SM 2510B-2011 MOD

**DA75521-9A BH05@1-2'**

Calcium <sup>a</sup>		110	0.50		mg/l	SW846 6010C
Magnesium <sup>a</sup>		11.0	0.50		mg/l	SW846 6010C
Sodium <sup>a</sup>		37.1	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>		0.902			ratio	USDA HANDBOOK 60

**DA75521-9B BH05@1-2'**

No hits reported in this sample.

**DA75521-10 BH05@2-3'**

Arsenic		2.4	0.074		mg/kg	SW846 6020B
Barium		101	0.74		mg/kg	SW846 6020B
Cadmium		0.088	0.037		mg/kg	SW846 6020B
Copper		4.5	0.74		mg/kg	SW846 6020B
Lead		5.8	0.18		mg/kg	SW846 6020B

## Summary of Hits

**Job Number:** DA75521  
**Account:** Chevron USA, Inc.  
**Project:** TASMCOA: Dr Joe CC-64N63W 6SESE  
**Collected:** 09/22/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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Nickel		4.5	0.74		mg/kg	SW846 6020B
Zinc		17.1	3.7		mg/kg	SW846 6020B
pH <sup>a</sup>		9.30			su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>		0.37	0.010		mmhos/cm	SM 2510B-2011 MOD

**DA75521-10A BH05@2-3'**

Calcium <sup>a</sup>		72.0	0.50		mg/l	SW846 6010C
Magnesium <sup>a</sup>		11.8	0.50		mg/l	SW846 6010C
Sodium <sup>a</sup>		82.1	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>		2.36			ratio	USDA HANDBOOK 60

**DA75521-10B BH05@2-3'**

No hits reported in this sample.

**DA75521-11 BH06@4-5'**

TPH-DRO (C10-C28) <sup>a</sup>		7.55 B	4.3		mg/kg	SW846 8015C
TPH-ORO (> C28-C36) <sup>a</sup>		8.66 B	6.4		mg/kg	SW846 8015C
Arsenic		1.3	0.076		mg/kg	SW846 6020B
Barium		31.1	0.76		mg/kg	SW846 6020B
Cadmium		0.070	0.038		mg/kg	SW846 6020B
Copper		3.1	0.76		mg/kg	SW846 6020B
Lead		3.4	0.19		mg/kg	SW846 6020B
Nickel		2.5	0.76		mg/kg	SW846 6020B
Zinc		11.1	3.8		mg/kg	SW846 6020B
pH <sup>a</sup>		7.77			su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>		0.40	0.010		mmhos/cm	SM 2510B-2011 MOD

**DA75521-11A BH06@4-5'**

Calcium <sup>a</sup>		34.5	0.50		mg/l	SW846 6010C
Magnesium <sup>a</sup>		7.30	0.50		mg/l	SW846 6010C
Sodium <sup>a</sup>		45.2	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>		1.82			ratio	USDA HANDBOOK 60

**DA75521-11B BH06@4-5'**

No hits reported in this sample.

**DA75521-12 BH06@6-7'**

Arsenic		1.3	0.066		mg/kg	SW846 6020B
Barium		30.0	0.66		mg/kg	SW846 6020B

## Summary of Hits

**Job Number:** DA75521  
**Account:** Chevron USA, Inc.  
**Project:** TASMCOA: Dr Joe CC-64N63W 6SESE  
**Collected:** 09/22/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
		0.039	0.033		mg/kg	SW846 6020B
		2.8	0.66		mg/kg	SW846 6020B
		3.3	0.16		mg/kg	SW846 6020B
		2.2	0.66		mg/kg	SW846 6020B
		9.7	3.3		mg/kg	SW846 6020B
		9.30			su	WREP-125,4E-SATPASTE
		0.21	0.010		mmhos/cm	SM 2510B-2011 MOD

**DA75521-12A BH06@6-7'**

Calcium <sup>a</sup>	58.8	0.50		mg/l	SW846 6010C
Magnesium <sup>a</sup>	5.16	0.50		mg/l	SW846 6010C
Sodium <sup>a</sup>	42.7	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>	1.43			ratio	USDA HANDBOOK 60

**DA75521-12B BH06@6-7'**

No hits reported in this sample.

**DA75521-13 BH07@2-3'**

Arsenic	1.0	0.057		mg/kg	SW846 6020B
Barium	23.0	0.57		mg/kg	SW846 6020B
Cadmium	0.029	0.028		mg/kg	SW846 6020B
Copper	2.1	0.57		mg/kg	SW846 6020B
Lead	2.6	0.14		mg/kg	SW846 6020B
Nickel	1.9	0.57		mg/kg	SW846 6020B
Zinc	8.4	2.8		mg/kg	SW846 6020B
pH <sup>a</sup>	6.59			su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>	0.56	0.010		mmhos/cm	SM 2510B-2011 MOD

**DA75521-13A BH07@2-3'**

Calcium <sup>a</sup>	49.0	0.50		mg/l	SW846 6010C
Magnesium <sup>a</sup>	9.55	0.50		mg/l	SW846 6010C
Sodium <sup>a</sup>	51.6	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>	1.76			ratio	USDA HANDBOOK 60

**DA75521-13B BH07@2-3'**

No hits reported in this sample.

**DA75521-14 BH07@4-5'**

Arsenic	1.7	0.072		mg/kg	SW846 6020B
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## Summary of Hits

**Job Number:** DA75521  
**Account:** Chevron USA, Inc.  
**Project:** TASMCOA: Dr Joe CC-64N63W 6SESE  
**Collected:** 09/22/25

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Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
		25.1	0.72		mg/kg	SW846 6020B
		0.037	0.036		mg/kg	SW846 6020B
		2.1	0.72		mg/kg	SW846 6020B
		2.8	0.18		mg/kg	SW846 6020B
		1.8	0.72		mg/kg	SW846 6020B
		8.6	3.6		mg/kg	SW846 6020B
		8.39			su	WREP-125,4E-SATPASTE
		0.11	0.010		mmhos/cm	SM 2510B-2011 MOD

**DA75521-14A BH07@4-5'**

Calcium <sup>a</sup>	93.5	0.50		mg/l	SW846 6010C
Magnesium <sup>a</sup>	10.8	0.50		mg/l	SW846 6010C
Sodium <sup>a</sup>	38.3	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>	0.999			ratio	USDA HANDBOOK 60

**DA75521-14B BH07@4-5'**

No hits reported in this sample.

**DA75521-15 BH07@6-7'**

Arsenic	1.4	0.071		mg/kg	SW846 6020B
Barium	31.3	0.71		mg/kg	SW846 6020B
Cadmium	0.035	0.035		mg/kg	SW846 6020B
Copper	2.1	0.71		mg/kg	SW846 6020B
Lead	2.5	0.18		mg/kg	SW846 6020B
Nickel	1.8	0.71		mg/kg	SW846 6020B
Zinc	8.4	3.5		mg/kg	SW846 6020B
pH <sup>a</sup>	7.62			su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>	0.24	0.010		mmhos/cm	SM 2510B-2011 MOD

**DA75521-15A BH07@6-7'**

Calcium <sup>a</sup>	87.5	0.50		mg/l	SW846 6010C
Magnesium <sup>a</sup>	6.26	0.50		mg/l	SW846 6010C
Sodium <sup>a</sup>	31.5	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>	0.876			ratio	USDA HANDBOOK 60

**DA75521-15B BH07@6-7'**

No hits reported in this sample.

## Summary of Hits

**Job Number:** DA75521  
**Account:** Chevron USA, Inc.  
**Project:** TASMCOA: Dr Joe CC-64N63W 6SESE  
**Collected:** 09/22/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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**DA75521-16 BH08@2-3'**

Arsenic	2.8	0.078			mg/kg	SW846 6020B
Barium	63.9	0.78			mg/kg	SW846 6020B
Cadmium	0.066	0.039			mg/kg	SW846 6020B
Copper	4.5	0.78			mg/kg	SW846 6020B
Lead	5.8	0.19			mg/kg	SW846 6020B
Nickel	5.7	0.78			mg/kg	SW846 6020B
Zinc	16.8	3.9			mg/kg	SW846 6020B
pH <sup>a</sup>	9.20				su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>	0.38	0.010			mmhos/cm	SM 2510B-2011 MOD

**DA75521-16A BH08@2-3'**

Calcium <sup>a</sup>	55.2	0.50			mg/l	SW846 6010C
Magnesium <sup>a</sup>	8.93	0.50			mg/l	SW846 6010C
Sodium <sup>a</sup>	16.8	2.5			mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>	0.553				ratio	USDA HANDBOOK 60

**DA75521-16B BH08@2-3'**

No hits reported in this sample.

**DA75521-17 BH08@4-5'**

Arsenic	1.5	0.066			mg/kg	SW846 6020B
Barium	34.7	0.66			mg/kg	SW846 6020B
Cadmium	0.050	0.033			mg/kg	SW846 6020B
Copper	2.4	0.66			mg/kg	SW846 6020B
Lead	2.8	0.16			mg/kg	SW846 6020B
Nickel	2.1	0.66			mg/kg	SW846 6020B
Zinc	9.3	3.3			mg/kg	SW846 6020B
pH <sup>a</sup>	6.98				su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>	0.27	0.010			mmhos/cm	SM 2510B-2011 MOD

**DA75521-17A BH08@4-5'**

Calcium <sup>a</sup>	41.8	0.50			mg/l	SW846 6010C
Magnesium <sup>a</sup>	6.30	0.50			mg/l	SW846 6010C
Sodium <sup>a</sup>	13.7	2.5			mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>	0.522				ratio	USDA HANDBOOK 60

**DA75521-17B BH08@4-5'**

No hits reported in this sample.

## Summary of Hits

**Job Number:** DA75521  
**Account:** Chevron USA, Inc.  
**Project:** TASMCOA: Dr Joe CC-64N63W 6SESE  
**Collected:** 09/22/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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**DA75521-18 BH08@6-7'**

Arsenic	1.4	0.072			mg/kg	SW846 6020B
Barium	27.7	0.72			mg/kg	SW846 6020B
Cadmium	0.042	0.036			mg/kg	SW846 6020B
Copper	2.2	0.72			mg/kg	SW846 6020B
Lead	2.8	0.18			mg/kg	SW846 6020B
Nickel	1.7	0.72			mg/kg	SW846 6020B
Zinc	8.4	3.6			mg/kg	SW846 6020B
pH <sup>a</sup>	9.33				su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>	0.19	0.010			mmhos/cm	SM 2510B-2011 MOD

**DA75521-18A BH08@6-7'**

Calcium <sup>a</sup>	41.0	0.50			mg/l	SW846 6010C
Magnesium <sup>a</sup>	7.99	0.50			mg/l	SW846 6010C
Sodium <sup>a</sup>	17.5	2.5			mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>	0.654				ratio	USDA HANDBOOK 60

**DA75521-18B BH08@6-7'**

No hits reported in this sample.

**DA75521-19 BH09@2-3'**

Arsenic	2.0	0.075			mg/kg	SW846 6020B
Barium	58.2	0.75			mg/kg	SW846 6020B
Cadmium	0.11	0.037			mg/kg	SW846 6020B
Copper	5.0	0.75			mg/kg	SW846 6020B
Lead	5.3	0.19			mg/kg	SW846 6020B
Nickel	4.6	0.75			mg/kg	SW846 6020B
Zinc	16.6	3.7			mg/kg	SW846 6020B
pH <sup>a</sup>	8.01				su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>	0.77	0.010			mmhos/cm	SM 2510B-2011 MOD

**DA75521-19A BH09@2-3'**

Calcium <sup>a</sup>	117	0.50			mg/l	SW846 6010C
Magnesium <sup>a</sup>	26.1	0.50			mg/l	SW846 6010C
Sodium <sup>a</sup>	40.9	2.5			mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>	0.890				ratio	USDA HANDBOOK 60

## Summary of Hits

**Job Number:** DA75521  
**Account:** Chevron USA, Inc.  
**Project:** TASMCOA: Dr Joe CC-64N63W 6SESE  
**Collected:** 09/22/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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**DA75521-19B BH09@2-3'**

No hits reported in this sample.

**DA75521-20 BH09@4-5'**

Arsenic	1.9	0.076		mg/kg	SW846 6020B
Barium	65.6	0.76		mg/kg	SW846 6020B
Cadmium	0.099	0.038		mg/kg	SW846 6020B
Copper	3.4	0.76		mg/kg	SW846 6020B
Lead	3.9	0.19		mg/kg	SW846 6020B
Nickel	3.4	0.76		mg/kg	SW846 6020B
Zinc	12.7	3.8		mg/kg	SW846 6020B
pH <sup>a</sup>	7.62			su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>	0.56	0.010		mmhos/cm	SM 2510B-2011 MOD

**DA75521-20A BH09@4-5'**

Calcium <sup>a</sup>	67.9	0.50		mg/l	SW846 6010C
Magnesium <sup>a</sup>	20.8	0.50		mg/l	SW846 6010C
Sodium <sup>a</sup>	34.0	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>	0.926			ratio	USDA HANDBOOK 60

**DA75521-20B BH09@4-5'**

No hits reported in this sample.

**DA75521-21 BH09@6-7'**

Arsenic	1.3	0.067		mg/kg	SW846 6020B
Barium	34.3	0.67		mg/kg	SW846 6020B
Cadmium	0.052	0.033		mg/kg	SW846 6020B
Copper	2.7	0.67		mg/kg	SW846 6020B
Lead	3.1	0.17		mg/kg	SW846 6020B
Nickel	2.4	0.67		mg/kg	SW846 6020B
Zinc	10	3.3		mg/kg	SW846 6020B
pH <sup>a</sup>	7.58			su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>	0.59	0.010		mmhos/cm	SM 2510B-2011 MOD

**DA75521-21A BH09@6-7'**

Calcium <sup>a</sup>	425	0.50		mg/l	SW846 6010C
Magnesium <sup>a</sup>	35.4	0.50		mg/l	SW846 6010C
Sodium <sup>a</sup>	20.9	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>	0.261			ratio	USDA HANDBOOK 60

## Summary of Hits

**Job Number:** DA75521  
**Account:** Chevron USA, Inc.  
**Project:** TASMCOA: Dr Joe CC-64N63W 6SESE  
**Collected:** 09/22/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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**DA75521-21B BH09@6-7'**

No hits reported in this sample.

**DA75521-22 BH10@2-3'**

Arsenic	1.2	0.069		mg/kg	SW846 6020B
Barium	35.0	0.69		mg/kg	SW846 6020B
Cadmium	0.048	0.035		mg/kg	SW846 6020B
Copper	2.9	0.69		mg/kg	SW846 6020B
Lead	3.0	0.17		mg/kg	SW846 6020B
Nickel	2.6	0.69		mg/kg	SW846 6020B
Zinc	10.4	3.5		mg/kg	SW846 6020B
pH <sup>a</sup>	8.92			su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>	0.32	0.010		mmhos/cm	SM 2510B-2011 MOD

**DA75521-22A BH10@2-3'**

Calcium <sup>a</sup>	31.9	0.50		mg/l	SW846 6010C
Magnesium <sup>a</sup>	4.37	0.50		mg/l	SW846 6010C
Sodium <sup>a</sup>	31.1	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>	1.37			ratio	USDA HANDBOOK 60

**DA75521-22B BH10@2-3'**

No hits reported in this sample.

**DA75521-23 BH10@4-5'**

Arsenic	1.3	0.064		mg/kg	SW846 6020B
Barium	33.8	0.64		mg/kg	SW846 6020B
Cadmium	0.046	0.032		mg/kg	SW846 6020B
Copper	2.4	0.64		mg/kg	SW846 6020B
Lead	2.7	0.16		mg/kg	SW846 6020B
Nickel	2.1	0.64		mg/kg	SW846 6020B
Zinc	9.7	3.2		mg/kg	SW846 6020B
pH <sup>a</sup>	7.48			su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>	2.1	0.010		mmhos/cm	SM 2510B-2011 MOD

**DA75521-23A BH10@4-5'**

Calcium <sup>a</sup>	359	0.50		mg/l	SW846 6010C
Magnesium <sup>a</sup>	44.7	0.50		mg/l	SW846 6010C
Sodium <sup>a</sup>	156	2.5		mg/l	SW846 6010C

## Summary of Hits

**Job Number:** DA75521  
**Account:** Chevron USA, Inc.  
**Project:** TASMCOA: Dr Joe CC-64N63W 6SESE  
**Collected:** 09/22/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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Sodium Adsorption Ratio <sup>b</sup>		2.06			ratio	USDA HANDBOOK 60
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**DA75521-23B BH10@4-5'**

No hits reported in this sample.

**DA75521-24 BH10@6-7'**

Arsenic		1.1	0.063		mg/kg	SW846 6020B
Barium		28.9	0.63		mg/kg	SW846 6020B
Cadmium		0.032	0.032		mg/kg	SW846 6020B
Copper		1.9	0.63		mg/kg	SW846 6020B
Lead		2.4	0.16		mg/kg	SW846 6020B
Nickel		1.7	0.63		mg/kg	SW846 6020B
Zinc		7.7	3.2		mg/kg	SW846 6020B
pH <sup>a</sup>		7.34			su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>		0.54	0.010		mmhos/cm	SM 2510B-2011 MOD

**DA75521-24A BH10@6-7'**

Calcium <sup>a</sup>		187	0.50		mg/l	SW846 6010C
Magnesium <sup>a</sup>		10.6	0.50		mg/l	SW846 6010C
Sodium <sup>a</sup>		50.0	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>		0.962			ratio	USDA HANDBOOK 60

**DA75521-24B BH10@6-7'**

No hits reported in this sample.

**DA75521-25 BH11@2-3'**

Arsenic		1.8	0.064		mg/kg	SW846 6020B
Barium		59.6	0.64		mg/kg	SW846 6020B
Cadmium		0.066	0.032		mg/kg	SW846 6020B
Copper		5.2	0.64		mg/kg	SW846 6020B
Lead		4.6	0.16		mg/kg	SW846 6020B
Nickel		4.0	0.64		mg/kg	SW846 6020B
Zinc		16.1	3.2		mg/kg	SW846 6020B
pH <sup>a</sup>		9.00			su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>		2.3	0.010		mmhos/cm	SM 2510B-2011 MOD

**DA75521-25A BH11@2-3'**

Calcium <sup>a</sup>		367	0.50		mg/l	SW846 6010C
Magnesium <sup>a</sup>		56.7	0.50		mg/l	SW846 6010C

## Summary of Hits

**Job Number:** DA75521  
**Account:** Chevron USA, Inc.  
**Project:** TASMCOA: Dr Joe CC-64N63W 6SESE  
**Collected:** 09/22/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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Sodium <sup>a</sup>		130	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>		1.67			ratio	USDA HANDBOOK 60

**DA75521-25B BH11@2-3'**

No hits reported in this sample.

**DA75521-26 BH11@4-5'**

Arsenic		1.0	0.065		mg/kg	SW846 6020B
Barium		29.6	0.65		mg/kg	SW846 6020B
Copper		1.7	0.65		mg/kg	SW846 6020B
Lead		2.4	0.16		mg/kg	SW846 6020B
Nickel		1.6	0.65		mg/kg	SW846 6020B
Zinc		7.7	3.2		mg/kg	SW846 6020B
pH <sup>a</sup>		8.05			su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>		0.32	0.010		mmhos/cm	SM 2510B-2011 MOD

**DA75521-26A BH11@4-5'**

Calcium <sup>a</sup>		28.4	0.50		mg/l	SW846 6010C
Magnesium <sup>a</sup>		4.83	0.50		mg/l	SW846 6010C
Sodium <sup>a</sup>		36.6	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>		1.67			ratio	USDA HANDBOOK 60

**DA75521-26B BH11@4-5'**

No hits reported in this sample.

**DA75521-27 BH11@6-7'**

Arsenic		1.2	0.063		mg/kg	SW846 6020B
Barium		34.7	0.63		mg/kg	SW846 6020B
Copper		2.0	0.63		mg/kg	SW846 6020B
Lead		5.7	0.16		mg/kg	SW846 6020B
Nickel		1.9	0.63		mg/kg	SW846 6020B
Zinc		7.9	3.1		mg/kg	SW846 6020B
pH <sup>a</sup>		7.31			su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>		0.34	0.010		mmhos/cm	SM 2510B-2011 MOD

**DA75521-27A BH11@6-7'**

Calcium <sup>a</sup>		30.3	0.50		mg/l	SW846 6010C
Magnesium <sup>a</sup>		5.19	0.50		mg/l	SW846 6010C
Sodium <sup>a</sup>		38.7	2.5		mg/l	SW846 6010C

## Summary of Hits

**Job Number:** DA75521  
**Account:** Chevron USA, Inc.  
**Project:** TASMCOA: Dr Joe CC-64N63W 6SESE  
**Collected:** 09/22/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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Sodium Adsorption Ratio <sup>b</sup>		1.71			ratio	USDA HANDBOOK 60
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**DA75521-27B BH11@6-7'**

No hits reported in this sample.

**DA75521-28 BKG04@2-3'**

Arsenic		1.6	0.077		mg/kg	SW846 6020B
Barium		50.2	0.77		mg/kg	SW846 6020B
Cadmium		0.084	0.039		mg/kg	SW846 6020B
Copper		4.4	0.77		mg/kg	SW846 6020B
Lead		4.8	0.19		mg/kg	SW846 6020B
Nickel		4.0	0.77		mg/kg	SW846 6020B
Zinc		15.8	3.9		mg/kg	SW846 6020B
pH <sup>a</sup>		9.25			su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>		0.21	0.010		mmhos/cm	SM 2510B-2011 MOD

**DA75521-28A BKG04@2-3'**

Calcium <sup>a</sup>		46.9	0.50		mg/l	SW846 6010C
Magnesium <sup>a</sup>		7.59	0.50		mg/l	SW846 6010C
Sodium <sup>a</sup>		5.62	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>		0.201			ratio	USDA HANDBOOK 60

**DA75521-28B BKG04@2-3'**

No hits reported in this sample.

**DA75521-29 BKG04@4-5'**

Arsenic		1.8	0.070		mg/kg	SW846 6020B
Barium		71.4	0.70		mg/kg	SW846 6020B
Cadmium		0.12	0.035		mg/kg	SW846 6020B
Copper		6.6	0.70		mg/kg	SW846 6020B
Lead		6.2	0.18		mg/kg	SW846 6020B
Nickel		5.1	0.70		mg/kg	SW846 6020B
Zinc		20.1	3.5		mg/kg	SW846 6020B
pH <sup>a</sup>		7.62			su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>		0.28	0.010		mmhos/cm	SM 2510B-2011 MOD

**DA75521-29A BKG04@4-5'**

Calcium <sup>a</sup>		43.3	0.50		mg/l	SW846 6010C
Magnesium <sup>a</sup>		6.50	0.50		mg/l	SW846 6010C

## Summary of Hits

**Job Number:** DA75521  
**Account:** Chevron USA, Inc.  
**Project:** TASMCOA: Dr Joe CC-64N63W 6SESE  
**Collected:** 09/22/25

2

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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Sodium <sup>a</sup>		12.6	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>		0.472			ratio	USDA HANDBOOK 60

**DA75521-29B BKG04@4-5'**

No hits reported in this sample.

**DA75521-30 BKG04@6-7'**

Arsenic		1.8	0.080		mg/kg	SW846 6020B
Barium		61.2	0.80		mg/kg	SW846 6020B
Cadmium		0.11	0.040		mg/kg	SW846 6020B
Copper		5.1	0.80		mg/kg	SW846 6020B
Lead		5.6	0.20		mg/kg	SW846 6020B
Nickel		4.8	0.80		mg/kg	SW846 6020B
Zinc		17.8	4.0		mg/kg	SW846 6020B
pH <sup>a</sup>		9.32			su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>		0.32	0.010		mmhos/cm	SM 2510B-2011 MOD

**DA75521-30A BKG04@6-7'**

Calcium <sup>a</sup>		40.7	0.50		mg/l	SW846 6010C
Magnesium <sup>a</sup>		7.08	0.50		mg/l	SW846 6010C
Sodium <sup>a</sup>		15.6	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>		0.593			ratio	USDA HANDBOOK 60

**DA75521-30B BKG04@6-7'**

No hits reported in this sample.

**DA75521-31 BKG05@2-3'**

Arsenic		1.9	0.076		mg/kg	SW846 6020B
Barium		77.6	0.76		mg/kg	SW846 6020B
Cadmium		0.13	0.038		mg/kg	SW846 6020B
Copper		7.3	0.76		mg/kg	SW846 6020B
Lead		7.1	0.19		mg/kg	SW846 6020B
Nickel		6.2	0.76		mg/kg	SW846 6020B
Zinc		23.4	3.8		mg/kg	SW846 6020B
pH <sup>a</sup>		7.62			su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>		0.55	0.010		mmhos/cm	SM 2510B-2011 MOD

**DA75521-31A BKG05@2-3'**

Calcium <sup>a</sup>		66.2	0.50		mg/l	SW846 6010C
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## Summary of Hits

**Job Number:** DA75521  
**Account:** Chevron USA, Inc.  
**Project:** TASMCOA: Dr Joe CC-64N63W 6SESE  
**Collected:** 09/22/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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Magnesium <sup>a</sup>		11.0	0.50		mg/l	SW846 6010C
Sodium <sup>a</sup>		16.7	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>		0.500			ratio	USDA HANDBOOK 60

**DA75521-31B BKG05@2-3'**

No hits reported in this sample.

**DA75521-32 BKG05@4-5'**

Arsenic		1.6	0.069		mg/kg	SW846 6020B
Barium		51.9	0.69		mg/kg	SW846 6020B
Cadmium		0.093	0.034		mg/kg	SW846 6020B
Copper		4.8	0.69		mg/kg	SW846 6020B
Lead		5.2	0.17		mg/kg	SW846 6020B
Nickel		4.0	0.69		mg/kg	SW846 6020B
Zinc		15.8	3.4		mg/kg	SW846 6020B
pH <sup>a</sup>		7.55			su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>		0.38	0.010		mmhos/cm	SM 2510B-2011 MOD

**DA75521-32A BKG05@4-5'**

Calcium <sup>a</sup>		45.6	0.50		mg/l	SW846 6010C
Magnesium <sup>a</sup>		8.74	0.50		mg/l	SW846 6010C
Sodium <sup>a</sup>		16.9	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>		0.600			ratio	USDA HANDBOOK 60

**DA75521-32B BKG05@4-5'**

No hits reported in this sample.

**DA75521-33 BKG05@6-7'**

Arsenic		2.2	0.064		mg/kg	SW846 6020B
Barium		75.2	0.64		mg/kg	SW846 6020B
Cadmium		0.094	0.032		mg/kg	SW846 6020B
Copper		5.3	0.64		mg/kg	SW846 6020B
Lead		6.4	0.16		mg/kg	SW846 6020B
Nickel		4.9	0.64		mg/kg	SW846 6020B
Zinc		20.3	3.2		mg/kg	SW846 6020B
pH <sup>a</sup>		8.30			su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>		2.0	0.010		mmhos/cm	SM 2510B-2011 MOD

## Summary of Hits

**Job Number:** DA75521  
**Account:** Chevron USA, Inc.  
**Project:** TASMCOA: Dr Joe CC-64N63W 6SESE  
**Collected:** 09/22/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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**DA75521-33A BKG05@6-7'**

Calcium <sup>a</sup>	238	0.50			mg/l	SW846 6010C
Magnesium <sup>a</sup>	54.8	0.50			mg/l	SW846 6010C
Sodium <sup>a</sup>	31.5	2.5			mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>	0.478				ratio	USDA HANDBOOK 60

**DA75521-33B BKG05@6-7'**

No hits reported in this sample.

**DA75521-34 BKG06@2-3'**

Arsenic	2.0	0.068			mg/kg	SW846 6020B
Barium	72.1	0.68			mg/kg	SW846 6020B
Cadmium	0.13	0.034			mg/kg	SW846 6020B
Copper	6.8	0.68			mg/kg	SW846 6020B
Lead	7.2	0.17			mg/kg	SW846 6020B
Nickel	5.9	0.68			mg/kg	SW846 6020B
Zinc	23.1	3.4			mg/kg	SW846 6020B
pH <sup>a</sup>	9.78				su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>	0.26	0.010			mmhos/cm	SM 2510B-2011 MOD

**DA75521-34A BKG06@2-3'**

Calcium <sup>a</sup>	48.8	0.50			mg/l	SW846 6010C
Magnesium <sup>a</sup>	8.16	0.50			mg/l	SW846 6010C
Sodium <sup>a</sup>	11.0	2.5			mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>	0.384				ratio	USDA HANDBOOK 60

**DA75521-34B BKG06@2-3'**

No hits reported in this sample.

**DA75521-35 BKG06@4-5'**

Arsenic	1.9	0.069			mg/kg	SW846 6020B
Barium	78.8	0.69			mg/kg	SW846 6020B
Cadmium	0.12	0.034			mg/kg	SW846 6020B
Copper	5.3	0.69			mg/kg	SW846 6020B
Lead	6.0	0.17			mg/kg	SW846 6020B
Nickel	5.0	0.69			mg/kg	SW846 6020B
Selenium	0.15	0.14			mg/kg	SW846 6020B
Zinc	18.3	3.4			mg/kg	SW846 6020B
pH <sup>a</sup>	6.93				su	WREP-125,4E-SATPASTE

## Summary of Hits

**Job Number:** DA75521  
**Account:** Chevron USA, Inc.  
**Project:** TASMCOA: Dr Joe CC-64N63W 6SESE  
**Collected:** 09/22/25

2

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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Specific Conductivity <sup>a</sup>	0.52	0.010			mmhos/cm	SM 2510B-2011 MOD
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**DA75521-35A BKG06@4-5'**

Calcium <sup>a</sup>	52.9	0.50			mg/l	SW846 6010C
Magnesium <sup>a</sup>	10.9	0.50			mg/l	SW846 6010C
Sodium <sup>a</sup>	33.8	2.5			mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>	1.10				ratio	USDA HANDBOOK 60

**DA75521-35B BKG06@4-5'**

No hits reported in this sample.

**DA75521-36 BKG06@6-7'**

Arsenic	3.7	0.078			mg/kg	SW846 6020B
Barium	142	0.78			mg/kg	SW846 6020B
Cadmium	0.12	0.039			mg/kg	SW846 6020B
Copper	6.5	0.78			mg/kg	SW846 6020B
Lead	9.4	0.19			mg/kg	SW846 6020B
Nickel	8.6	0.78			mg/kg	SW846 6020B
Selenium	0.17	0.16			mg/kg	SW846 6020B
Silver	0.060	0.039			mg/kg	SW846 6020B
Zinc	27.0	3.9			mg/kg	SW846 6020B
pH <sup>a</sup>	7.32				su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>	1.2	0.010			mmhos/cm	SM 2510B-2011 MOD

**DA75521-36A BKG06@6-7'**

Calcium <sup>a</sup>	144	0.50			mg/l	SW846 6010C
Magnesium <sup>a</sup>	31.4	0.50			mg/l	SW846 6010C
Sodium <sup>a</sup>	72.4	2.5			mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>	1.42				ratio	USDA HANDBOOK 60

**DA75521-36B BKG06@6-7'**

No hits reported in this sample.

**DA75521-37 BKG07@2-3'**

Arsenic	2.3	0.067			mg/kg	SW846 6020B
Barium	87.9	0.67			mg/kg	SW846 6020B
Cadmium	0.16	0.034			mg/kg	SW846 6020B
Copper	8.7	0.67			mg/kg	SW846 6020B
Lead	8.2	0.17			mg/kg	SW846 6020B

## Summary of Hits

**Job Number:** DA75521  
**Account:** Chevron USA, Inc.  
**Project:** TASMCOA: Dr Joe CC-64N63W 6SESE  
**Collected:** 09/22/25

2

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
		Nickel	7.0	0.67	mg/kg	SW846 6020B
		Selenium	0.14	0.13	mg/kg	SW846 6020B
		Silver	0.038	0.034	mg/kg	SW846 6020B
		Zinc	26.8	3.4	mg/kg	SW846 6020B
		pH <sup>a</sup>	7.59		su	WREP-125,4E-SATPASTE
		Specific Conductivity <sup>a</sup>	0.13	0.010	mmhos/cm	SM 2510B-2011 MOD

**DA75521-37A BKG07@2-3'**

		Calcium <sup>a</sup>	192	0.50	mg/l	SW846 6010C
		Magnesium <sup>a</sup>	39.7	0.50	mg/l	SW846 6010C
		Sodium <sup>a</sup>	5.15	2.5	mg/l	SW846 6010C
		Sodium Adsorption Ratio <sup>b</sup>	0.0883		ratio	USDA HANDBOOK 60

**DA75521-37B BKG07@2-3'**

No hits reported in this sample.

**DA75521-38 BKG07@4-5'**

		Arsenic	1.4	0.060	mg/kg	SW846 6020B
		Barium	53.8	0.60	mg/kg	SW846 6020B
		Cadmium	0.072	0.030	mg/kg	SW846 6020B
		Copper	4.0	0.60	mg/kg	SW846 6020B
		Lead	4.9	0.15	mg/kg	SW846 6020B
		Nickel	3.5	0.60	mg/kg	SW846 6020B
		Zinc	14.2	3.0	mg/kg	SW846 6020B
		pH <sup>a</sup>	9.33		su	WREP-125,4E-SATPASTE
		Specific Conductivity <sup>a</sup>	0.60	0.010	mmhos/cm	SM 2510B-2011 MOD

**DA75521-38A BKG07@4-5'**

		Calcium <sup>a</sup>	78.9	0.50	mg/l	SW846 6010C
		Magnesium <sup>a</sup>	14.6	0.50	mg/l	SW846 6010C
		Sodium <sup>a</sup>	21.9	2.5	mg/l	SW846 6010C
		Sodium Adsorption Ratio <sup>b</sup>	0.594		ratio	USDA HANDBOOK 60

**DA75521-38B BKG07@4-5'**

No hits reported in this sample.

**DA75521-39 BKG07@6-7'**

		Arsenic	1.3	0.056	mg/kg	SW846 6020B
		Barium	21.8	0.56	mg/kg	SW846 6020B

## Summary of Hits

**Job Number:** DA75521  
**Account:** Chevron USA, Inc.  
**Project:** TASMCOA: Dr Joe CC-64N63W 6SESE  
**Collected:** 09/22/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
		0.067	0.028		mg/kg	SW846 6020B
		2.4	0.56		mg/kg	SW846 6020B
		2.8	0.14		mg/kg	SW846 6020B
		2.2	0.56		mg/kg	SW846 6020B
		8.8	2.8		mg/kg	SW846 6020B
		7.55			su	WREP-125,4E-SATPASTE
		0.12	0.010		mmhos/cm	SM 2510B-2011 MOD

**DA75521-39A BKG07@6-7'**

		31.9	0.50		mg/l	SW846 6010C
		6.84	0.50		mg/l	SW846 6010C
		2.95	2.5		mg/l	SW846 6010C
		0.124			ratio	USDA HANDBOOK 60

**DA75521-39B BKG07@6-7'**

No hits reported in this sample.

**DA75521-40 BKG08@2-3'**

		2.5	0.079		mg/kg	SW846 6020B
		93.6	0.79		mg/kg	SW846 6020B
		0.22	0.039		mg/kg	SW846 6020B
		9.4	0.79		mg/kg	SW846 6020B
		10.0	0.20		mg/kg	SW846 6020B
		7.1	0.79		mg/kg	SW846 6020B
		0.21	0.16		mg/kg	SW846 6020B
		0.039	0.039		mg/kg	SW846 6020B
		30.0	3.9		mg/kg	SW846 6020B
		7.92			su	WREP-125,4E-SATPASTE
		0.32	0.010		mmhos/cm	SM 2510B-2011 MOD

**DA75521-40A BKG08@2-3'**

		47.8	0.50		mg/l	SW846 6010C
		10.5	0.50		mg/l	SW846 6010C
		3.53	2.5		mg/l	SW846 6010C
		0.120			ratio	USDA HANDBOOK 60

**DA75521-40B BKG08@2-3'**

No hits reported in this sample.

## Summary of Hits

**Job Number:** DA75521  
**Account:** Chevron USA, Inc.  
**Project:** TASMCOA: Dr Joe CC-64N63W 6SESE  
**Collected:** 09/22/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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**DA75521-41 BKG08@4-5'**

Arsenic		2.1	0.076		mg/kg	SW846 6020B
Barium		79.1	0.76		mg/kg	SW846 6020B
Cadmium		0.13	0.038		mg/kg	SW846 6020B
Copper		6.6	0.76		mg/kg	SW846 6020B
Lead		6.8	0.19		mg/kg	SW846 6020B
Nickel		6.0	0.76		mg/kg	SW846 6020B
Zinc		21.9	3.8		mg/kg	SW846 6020B
pH <sup>a</sup>		8.22			su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>		0.29	0.010		mmhos/cm	SM 2510B-2011 MOD

**DA75521-41A BKG08@4-5'**

Calcium <sup>a</sup>		42.8	0.50		mg/l	SW846 6010C
Magnesium <sup>a</sup>		14.3	0.50		mg/l	SW846 6010C
Sodium <sup>a</sup>		9.31	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>		0.315			ratio	USDA HANDBOOK 60

**DA75521-41B BKG08@4-5'**

No hits reported in this sample.

**DA75521-42 BKG08@6-7'**

Arsenic		3.1	0.071		mg/kg	SW846 6020B
Barium		101	0.71		mg/kg	SW846 6020B
Cadmium		0.10	0.035		mg/kg	SW846 6020B
Copper		5.9	0.71		mg/kg	SW846 6020B
Lead		8.1	0.18		mg/kg	SW846 6020B
Nickel		7.5	0.71		mg/kg	SW846 6020B
Selenium		0.15	0.14		mg/kg	SW846 6020B
Silver		0.038	0.035		mg/kg	SW846 6020B
Zinc		23.3	3.5		mg/kg	SW846 6020B
pH <sup>a</sup>		9.51			su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>		0.33	0.010		mmhos/cm	SM 2510B-2011 MOD

**DA75521-42A BKG08@6-7'**

Calcium <sup>a</sup>		49.5	0.50		mg/l	SW846 6010C
Magnesium <sup>a</sup>		10.7	0.50		mg/l	SW846 6010C
Sodium <sup>a</sup>		11.7	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>		0.393			ratio	USDA HANDBOOK 60

## Summary of Hits

**Job Number:** DA75521  
**Account:** Chevron USA, Inc.  
**Project:** TASMCOA: Dr Joe CC-64N63W 6SESE  
**Collected:** 09/22/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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**DA75521-42B    BKG08@6-7'**

No hits reported in this sample.

- (a) Analysis performed at SGS Scott, LA.
- (b) Calculated as:  $(\text{Na meq/L}) / \text{sqrt} [(\text{Ca meq/L}) + (\text{Mg meq/L})/2]$

Sample Results

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Report of Analysis

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## Report of Analysis

3.1  
3

<b>Client Sample ID:</b> BH01@1-2'	
<b>Lab Sample ID:</b> DA75521-1	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D	<b>Percent Solids:</b> 88.9
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	11122292.D	1	10/04/25 15:49	ALA	n/a	n/a	L:V114601
Run #2							

Run #	Initial Weight
Run #1	5.0 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00056	0.00056	mg/kg	
100-41-4	Ethylbenzene	< 0.0011	0.0011	mg/kg	
108-88-3	Toluene	< 0.0056	0.0056	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0056	0.0056	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0056	0.0056	mg/kg	
	m,p-Xylene	< 0.0022	0.0022	mg/kg	
95-47-6	o-Xylene	< 0.0011	0.0011	mg/kg	
1330-20-7	Xylene (total)	< 0.0022	0.0022	mg/kg	
	TPH-GRO (C6-C10)	< 0.22	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	99%		59-143%
2037-26-5	Toluene-D8	102%		52-159%
460-00-4	4-Bromofluorobenzene	98%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BH01@1-2'		
<b>Lab Sample ID:</b> DA75521-1		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 88.9
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	V56483.D	1	10/02/25 16:58	ALA	10/01/25 12:00	L:OP28734	L:EV1835
Run #2							

	Initial Weight	Final Volume
Run #1	5.00 g	10.0 ml
Run #2		

### COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	94%		50-150%
321-60-8	2-Fluorobiphenyl	95%		50-150%
1718-51-0	Terphenyl-d14	85%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH01@1-2'	
<b>Lab Sample ID:</b> DA75521-1	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570	<b>Percent Solids:</b> 88.9
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001285.D	1	10/07/25 07:50	ALA	10/01/25 12:00	L:OP28735	L:GKF32
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	1.22	4.5	mg/kg	B
	TPH-ORO (> C28-C36)	< 6.7	6.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	88%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH01@1-2'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-1	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 88.9
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	2.4	0.13	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	86.0	1.3	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.13	0.065	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	7.6	1.3	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	6.8	0.32	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	6.0	1.3	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	0.13	0.065	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.065	0.065	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	25.4	6.5	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19666

(2) Prep QC Batch: MP43114

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH01@1-2'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-1		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 88.9
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	88.9		%	1	09/22/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	7.41		su	1	09/29/25 09:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.31	0.010	mmhos/cm	1	10/08/25 14:45	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.46	0.46	mg/kg	1	10/17/25 13:43	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH01@1-2'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-1A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 88.9
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	68.3	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	21.5	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	46.4	2.5	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30832

(2) Prep QC Batch: L:MP31742

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH01@1-2'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-1A	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 88.9
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	1.25		ratio	1	10/03/25 13:19	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH01@1-2'	
<b>Lab Sample ID:</b> DA75521-1B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 88.9
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/24/25	09/25/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19665

(2) Prep QC Batch: MP43113

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH01@2-3'	
<b>Lab Sample ID:</b> DA75521-2	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D	<b>Percent Solids:</b> 89.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	11122288.D	1	10/04/25 14:19	ALA	n/a	n/a	L:V114601
Run #2							

Run #	Initial Weight
Run #1	5.1 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00055	0.00055	mg/kg	
100-41-4	Ethylbenzene	< 0.0011	0.0011	mg/kg	
108-88-3	Toluene	< 0.0055	0.0055	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0055	0.0055	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0055	0.0055	mg/kg	
	m,p-Xylene	< 0.0022	0.0022	mg/kg	
95-47-6	o-Xylene	< 0.0011	0.0011	mg/kg	
1330-20-7	Xylene (total)	< 0.0022	0.0022	mg/kg	
	TPH-GRO (C6-C10)	< 0.22	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	90%		59-143%
2037-26-5	Toluene-D8	100%		52-159%
460-00-4	4-Bromofluorobenzene	95%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BH01@2-3'		
<b>Lab Sample ID:</b> DA75521-2		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 89.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	V56494.D	1	10/03/25 16:52	ALA	10/03/25 07:30	L:OP28752	L:EV1836
Run #2							

	Initial Weight	Final Volume
Run #1	5.01 g	10.0 ml
Run #2		

### COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	98%		50-150%
321-60-8	2-Fluorobiphenyl	100%		50-150%
1718-51-0	Terphenyl-d14	90%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH01@2-3'	
<b>Lab Sample ID:</b> DA75521-2	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570	<b>Percent Solids:</b> 89.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001334.D	1	10/08/25 09:25	ALA	10/03/25 07:30	L:OP28754	L:GKF33
Run #2							

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

**DRO C10-C28, ORO > C28-C36**

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	88%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH01@2-3'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-2		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 89.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	3.1	0.13	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	84.9	1.3	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.10	0.067	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	5.9	1.3	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	7.5	0.33	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	6.1	1.3	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	0.13	0.067	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.067	0.067	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	24.9	6.7	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19666

(2) Prep QC Batch: MP43114

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH01@2-3'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-2	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 89.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	89.4		%	1	09/22/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	7.88		su	1	09/29/25 09:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.39	0.010	mmhos/cm	1	10/08/25 14:45	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.45	0.45	mg/kg	1	10/17/25 14:06	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH01@2-3'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-2A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 89.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	48.3	0.50	mg/l	5	09/29/25	10/03/25	ALA SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	11.5	0.50	mg/l	5	09/29/25	10/03/25	ALA SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	60.6	2.5	mg/l	5	09/29/25	10/03/25	ALA SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30832

(2) Prep QC Batch: L:MP31742

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH01@2-3'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-2A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 89.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	2.03		ratio	1	10/03/25 13:27	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH01@2-3'	
<b>Lab Sample ID:</b> DA75521-2B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 89.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/24/25	09/25/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19665

(2) Prep QC Batch: MP43113

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH02@1-2'	
<b>Lab Sample ID:</b> DA75521-3	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D	<b>Percent Solids:</b> 96.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	11122293.D	1	10/04/25 16:12	ALA	n/a	n/a	L:V114601
Run #2							

Run #	Initial Weight
Run #1	5.5 g
Run #2	

**VOA COGCC Table 915 soil list**

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00047	0.00047	mg/kg	
100-41-4	Ethylbenzene	< 0.00094	0.00094	mg/kg	
108-88-3	Toluene	< 0.0047	0.0047	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0047	0.0047	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0047	0.0047	mg/kg	
	m,p-Xylene	< 0.0019	0.0019	mg/kg	
95-47-6	o-Xylene	< 0.00094	0.00094	mg/kg	
1330-20-7	Xylene (total)	< 0.0019	0.0019	mg/kg	
	TPH-GRO (C6-C10)	< 0.19	0.19	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	117%		59-143%
2037-26-5	Toluene-D8	102%		52-159%
460-00-4	4-Bromofluorobenzene	99%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH02@1-2'	
<b>Lab Sample ID:</b> DA75521-3	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8270E SW846 3570	<b>Percent Solids:</b> 96.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	V56496.D	1	10/03/25 17:31	ALA	10/03/25 07:30	L:OP28752	L:EV1836
Run #2							

	Initial Weight	Final Volume
Run #1	5.00 g	10.0 ml
Run #2		

### COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	96%		50-150%
321-60-8	2-Fluorobiphenyl	99%		50-150%
1718-51-0	Terphenyl-d14	91%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH02@1-2'	
<b>Lab Sample ID:</b> DA75521-3	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570	<b>Percent Solids:</b> 96.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001335.D	1	10/08/25 09:42	ALA	10/03/25 07:30	L:OP28754	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.1	4.1	mg/kg	
	TPH-ORO (> C28-C36)	< 6.2	6.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	87%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH02@1-2'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-3		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 96.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	1.9	0.14	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	54.8	1.4	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.099	0.071	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	4.9	1.4	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	5.0	0.36	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	4.3	1.4	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	0.10	0.071	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.071	0.071	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	17.9	7.1	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19666

(2) Prep QC Batch: MP43114

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH02@1-2'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-3	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 96.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	96.4		%	1	09/22/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	9.31		su	1	09/29/25 09:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.97	0.010	mmhos/cm	1	10/08/25 14:45	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.40	0.40	mg/kg	1	10/17/25 14:17	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH02@1-2'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-3A	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 96.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	77.0	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	22.3	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	95.7	2.5	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30832

(2) Prep QC Batch: L:MP31742

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis



<b>Client Sample ID:</b> BH02@1-2'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-3A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 96.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	2.47		ratio	1	10/03/25 13:32	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH02@1-2'	
<b>Lab Sample ID:</b> DA75521-3B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 96.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/24/25	09/25/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19665

(2) Prep QC Batch: MP43113

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH02@2-3'	
<b>Lab Sample ID:</b> DA75521-4	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D	<b>Percent Solids:</b> 95.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	11122294.D	1	10/04/25 16:34	ALA	n/a	n/a	L:V114601
Run #2							

Run #	Initial Weight
Run #1	4.8 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00055	0.00055	mg/kg	
100-41-4	Ethylbenzene	< 0.0011	0.0011	mg/kg	
108-88-3	Toluene	< 0.0055	0.0055	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0055	0.0055	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0055	0.0055	mg/kg	
	m,p-Xylene	< 0.0022	0.0022	mg/kg	
95-47-6	o-Xylene	< 0.0011	0.0011	mg/kg	
1330-20-7	Xylene (total)	< 0.0022	0.0022	mg/kg	
	TPH-GRO (C6-C10)	< 0.22	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	101%		59-143%
2037-26-5	Toluene-D8	100%		52-159%
460-00-4	4-Bromofluorobenzene	100%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BH02@2-3'		
<b>Lab Sample ID:</b> DA75521-4		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 95.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	V56497.D	1	10/03/25 17:50	ALA	10/03/25 07:30	L:OP28752	L:EV1836
Run #2							

	Initial Weight	Final Volume
Run #1	5.00 g	10.0 ml
Run #2		

### COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	97%		50-150%
321-60-8	2-Fluorobiphenyl	99%		50-150%
1718-51-0	Terphenyl-d14	88%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH02@2-3'	
<b>Lab Sample ID:</b> DA75521-4	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570	<b>Percent Solids:</b> 95.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001336.D	1	10/08/25 10:00	ALA	10/03/25 07:30	L:OP28754	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.2	4.2	mg/kg	
	TPH-ORO (> C28-C36)	< 6.3	6.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	88%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH02@2-3'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-4	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 95.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	3.8	0.16	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	89.9	1.6	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.10	0.079	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	6.2	1.6	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	7.8	0.40	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	8.2	1.6	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	0.14	0.079	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	0.081	0.079	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	24.9	7.9	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19666

(2) Prep QC Batch: MP43114

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH02@2-3'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-4		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 95.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b> Solids, Percent	95		%	1	09/22/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b> pH <sup>a</sup>	8.55		su	1	09/29/25 09:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b> Specific Conductivity <sup>a</sup>	1.6	0.010	mmhos/cm	1	10/08/25 14:45	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.43	0.43	mg/kg	1	10/17/25 14:32	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> BH02@2-3'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-4A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 95.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

## SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	175	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	36.8	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	130	2.5	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30832

(2) Prep QC Batch: L:MP31742

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH02@2-3'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-4A	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 95.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	2.33		ratio	1	10/03/25 13:36	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH02@2-3'	
<b>Lab Sample ID:</b> DA75521-4B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 95.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/24/25	09/25/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19665

(2) Prep QC Batch: MP43113

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH03@1-2'	
<b>Lab Sample ID:</b> DA75521-5	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D	<b>Percent Solids:</b> 95.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	11122295.D	1	10/04/25 16:57	ALA	n/a	n/a	L:V114601
Run #2							

	Initial Weight
Run #1	5.3 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00050	0.00050	mg/kg	
100-41-4	Ethylbenzene	< 0.00099	0.00099	mg/kg	
108-88-3	Toluene	< 0.0050	0.0050	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0050	0.0050	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0050	0.0050	mg/kg	
	m,p-Xylene	< 0.0020	0.0020	mg/kg	
95-47-6	o-Xylene	< 0.00099	0.00099	mg/kg	
1330-20-7	Xylene (total)	< 0.0020	0.0020	mg/kg	
	TPH-GRO (C6-C10)	< 0.20	0.20	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	100%		59-143%
2037-26-5	Toluene-D8	100%		52-159%
460-00-4	4-Bromofluorobenzene	98%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b>	BH03@1-2'	<b>Date Sampled:</b>	09/22/25
<b>Lab Sample ID:</b>	DA75521-5	<b>Date Received:</b>	09/22/25
<b>Matrix:</b>	SO - Soil	<b>Percent Solids:</b>	95.0
<b>Method:</b>	SW846 8270E SW846 3570		
<b>Project:</b>	TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	V56498.D	1	10/03/25 18:10	ALA	10/03/25 07:30	L:OP28752	L:EV1836
Run #2							

	Initial Weight	Final Volume
Run #1	5.02 g	10.0 ml
Run #2		

## COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	98%		50-150%
321-60-8	2-Fluorobiphenyl	101%		50-150%
1718-51-0	Terphenyl-d14	90%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH03@1-2'	
<b>Lab Sample ID:</b> DA75521-5	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570	<b>Percent Solids:</b> 95.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001340.D	1	10/08/25 11:10	ALA	10/03/25 07:30	L:OP28754	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.2	4.2	mg/kg	
	TPH-ORO (> C28-C36)	< 6.3	6.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	88%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BH03@1-2'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-5		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 95.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

## Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	2.2	0.14	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	105	1.4	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.19	0.069	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	10.2	1.4	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	8.6	0.35	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	7.2	1.4	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	0.15	0.069	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.069	0.069	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	27.3	6.9	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19666

(2) Prep QC Batch: MP43114

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH03@1-2'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-5		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 95.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	95		%	1	09/22/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	9.03		su	1	09/29/25 09:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.41	0.010	mmhos/cm	1	10/08/25 14:45	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.43	0.43	mg/kg	1	10/17/25 14:56	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH03@1-2'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-5A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 95.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	74.4	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	12.5	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	22.8	2.5	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30832

(2) Prep QC Batch: L:MP31742

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH03@1-2'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-5A	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 95.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.644		ratio	1	10/03/25 13:40	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH03@1-2'	
<b>Lab Sample ID:</b> DA75521-5B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 95.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/24/25	09/25/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19665

(2) Prep QC Batch: MP43113

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RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> BH03@2-3'		
<b>Lab Sample ID:</b> DA75521-6		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D		<b>Percent Solids:</b> 95.8
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	11122296.D	1	10/04/25 17:19	ALA	n/a	n/a	L:V114601
Run #2							

Run #	Initial Weight
Run #1	4.8 g
Run #2	

**VOA COGCC Table 915 soil list**

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00054	0.00054	mg/kg	
100-41-4	Ethylbenzene	< 0.0011	0.0011	mg/kg	
108-88-3	Toluene	< 0.0054	0.0054	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0054	0.0054	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0054	0.0054	mg/kg	
	m,p-Xylene	< 0.0022	0.0022	mg/kg	
95-47-6	o-Xylene	< 0.0011	0.0011	mg/kg	
1330-20-7	Xylene (total)	< 0.0022	0.0022	mg/kg	
	TPH-GRO (C6-C10)	< 0.22	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	106%		59-143%
2037-26-5	Toluene-D8	99%		52-159%
460-00-4	4-Bromofluorobenzene	100%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BH03@2-3'		
<b>Lab Sample ID:</b> DA75521-6		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 95.8
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	V56499.D	1	10/03/25 18:30	ALA	10/03/25 07:30	L:OP28752	L:EV1836
Run #2							

	Initial Weight	Final Volume
Run #1	5.00 g	10.0 ml
Run #2		

### COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	100%		50-150%
321-60-8	2-Fluorobiphenyl	100%		50-150%
1718-51-0	Terphenyl-d14	90%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH03@2-3'	
<b>Lab Sample ID:</b> DA75521-6	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570	<b>Percent Solids:</b> 95.8
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001341.D	1	10/08/25 11:27	ALA	10/03/25 07:30	L:OP28754	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.2	4.2	mg/kg	
	TPH-ORO (> C28-C36)	< 6.3	6.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	85%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH03@2-3'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-6		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 95.8
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	2.0	0.12	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	65.7	1.2	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.091	0.060	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	5.4	1.2	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	5.5	0.30	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	4.8	1.2	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	0.14	0.060	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.060	0.060	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	19.4	6.0	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19666

(2) Prep QC Batch: MP43114

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH03@2-3'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-6	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 95.8
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	95.8		%	1	09/22/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	7.75		su	1	09/29/25 09:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	1.1	0.010	mmhos/cm	1	10/08/25 14:45	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.42	0.42	mg/kg	1	10/17/25 15:30	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> BH03@2-3'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-6A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 95.8
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

## SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	149	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	27.9	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	40.2	2.5	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30832

(2) Prep QC Batch: L:MP31742

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH03@2-3'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-6A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 95.8
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.792		ratio	1	10/03/25 13:44	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH03@2-3'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-6B		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 95.8
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/24/25	09/25/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19665

(2) Prep QC Batch: MP43113

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH04@1-2'	
<b>Lab Sample ID:</b> DA75521-7	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D	<b>Percent Solids:</b> 86.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	11122297.D	1	10/04/25 17:42	ALA	n/a	n/a	L:V114601
Run #2							

Run #	Initial Weight
Run #1	5.2 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00056	0.00056	mg/kg	
100-41-4	Ethylbenzene	< 0.0011	0.0011	mg/kg	
108-88-3	Toluene	< 0.0056	0.0056	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0056	0.0056	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0056	0.0056	mg/kg	
	m,p-Xylene	< 0.0022	0.0022	mg/kg	
95-47-6	o-Xylene	< 0.0011	0.0011	mg/kg	
1330-20-7	Xylene (total)	< 0.0022	0.0022	mg/kg	
	TPH-GRO (C6-C10)	< 0.22	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	107%		59-143%
2037-26-5	Toluene-D8	102%		52-159%
460-00-4	4-Bromofluorobenzene	99%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH04@1-2'		
<b>Lab Sample ID:</b> DA75521-7		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 86.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	V56500.D	1	10/03/25 18:49	ALA	10/03/25 07:30	L:OP28752	L:EV1836
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.00 g	10.0 ml
Run #2		

## COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0023	0.0023	mg/kg	
120-12-7	Anthracene	< 0.0023	0.0023	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0023	0.0023	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0023	0.0023	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0023	0.0023	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0023	0.0023	mg/kg	
218-01-9	Chrysene	< 0.0023	0.0023	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0023	0.0023	mg/kg	
206-44-0	Fluoranthene	< 0.0023	0.0023	mg/kg	
86-73-7	Fluorene	< 0.0023	0.0023	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0023	0.0023	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0023	0.0023	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0023	0.0023	mg/kg	
91-20-3	Naphthalene	< 0.0023	0.0023	mg/kg	
129-00-0	Pyrene	< 0.0023	0.0023	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	97%		50-150%
321-60-8	2-Fluorobiphenyl	99%		50-150%
1718-51-0	Terphenyl-d14	90%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH04@1-2'	
<b>Lab Sample ID:</b> DA75521-7	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570	<b>Percent Solids:</b> 86.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001342.D	1	10/08/25 11:45	ALA	10/03/25 07:30	L:OP28754	L:GKF33
Run #2							

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

**DRO C10-C28, ORO > C28-C36**

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.6	4.6	mg/kg	
	TPH-ORO (> C28-C36)	< 7.0	7.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	86%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH04@1-2'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-7		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 86.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analized By	Method	Prep Method
Arsenic	2.7	0.15	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	83.1	1.5	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.16	0.077	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	8.8	1.5	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	8.1	0.38	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	6.4	1.5	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	0.15	0.077	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.077	0.077	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	28.1	7.7	mg/kg	10	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19666

(2) Prep QC Batch: MP43114

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH04@1-2'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-7		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 86.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	86.1		%	1	09/22/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	8.32		su	1	09/29/25 09:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.40	0.010	mmhos/cm	1	10/08/25 14:45	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.46	0.46	mg/kg	1	10/17/25 15:46	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH04@1-2'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-7A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 86.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	70.1	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	18.1	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	35.0	2.5	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30832

(2) Prep QC Batch: L:MP31742

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH04@1-2'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-7A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 86.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.964		ratio	1	10/03/25 13:48	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH04@1-2'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-7B	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 86.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/24/25	09/25/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19665

(2) Prep QC Batch: MP43113

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RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> BH04@2-3'		
<b>Lab Sample ID:</b> DA75521-8		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D		<b>Percent Solids:</b> 89.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	11122298.D	1	10/04/25 18:04	ALA	n/a	n/a	L:V114601
Run #2							

Run #	Initial Weight
Run #1	5.2 g
Run #2	

**VOA COGCC Table 915 soil list**

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00054	0.00054	mg/kg	
100-41-4	Ethylbenzene	< 0.0011	0.0011	mg/kg	
108-88-3	Toluene	< 0.0054	0.0054	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0054	0.0054	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0054	0.0054	mg/kg	
	m,p-Xylene	< 0.0021	0.0021	mg/kg	
95-47-6	o-Xylene	< 0.0011	0.0011	mg/kg	
1330-20-7	Xylene (total)	< 0.0021	0.0021	mg/kg	
	TPH-GRO (C6-C10)	< 0.21	0.21	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	109%		59-143%
2037-26-5	Toluene-D8	102%		52-159%
460-00-4	4-Bromofluorobenzene	101%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BH04@2-3'		
<b>Lab Sample ID:</b> DA75521-8		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 89.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	V56501.D	1	10/03/25 19:09	ALA	10/03/25 07:30	L:OP28752	L:EV1836
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.00 g	10.0 ml
Run #2		

### COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	91%		50-150%
321-60-8	2-Fluorobiphenyl	92%		50-150%
1718-51-0	Terphenyl-d14	84%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH04@2-3'	
<b>Lab Sample ID:</b> DA75521-8	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570	<b>Percent Solids:</b> 89.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001343.D	1	10/08/25 12:03	ALA	10/03/25 07:30	L:OP28754	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	88%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH04@2-3'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-8		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 89.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	2.8	0.061	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	76.7	0.61	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.090	0.031	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	4.9	0.61	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	6.5	0.15	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	5.6	0.61	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	0.16	0.12	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	0.039	0.031	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	19.9	3.1	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19662

(2) Prep QC Batch: MP43116

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH04@2-3'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-8		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 89.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	89.7		%	1	09/23/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	9.55		su	1	09/29/25 09:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.44	0.010	mmhos/cm	1	10/08/25 14:45	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.45	0.45	mg/kg	1	10/17/25 15:54	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH04@2-3'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-8A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 89.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	83.4	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	21.9	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	27.5	2.5	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30832

(2) Prep QC Batch: L:MP31742

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH04@2-3'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-8A	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 89.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.692		ratio	1	10/03/25 14:01	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH04@2-3'	
<b>Lab Sample ID:</b> DA75521-8B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 89.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/25/25	09/26/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19668

(2) Prep QC Batch: MP43115

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH05@1-2'	
<b>Lab Sample ID:</b> DA75521-9	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D	<b>Percent Solids:</b> 96.9
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	11122299.D	1	10/04/25 18:27	ALA	n/a	n/a	L:V114601
Run #2							

Run #	Initial Weight
Run #1	5.5 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00047	0.00047	mg/kg	
100-41-4	Ethylbenzene	< 0.00094	0.00094	mg/kg	
108-88-3	Toluene	< 0.0047	0.0047	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0047	0.0047	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0047	0.0047	mg/kg	
	m,p-Xylene	< 0.0019	0.0019	mg/kg	
95-47-6	o-Xylene	< 0.00094	0.00094	mg/kg	
1330-20-7	Xylene (total)	< 0.0019	0.0019	mg/kg	
	TPH-GRO (C6-C10)	< 0.19	0.19	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	118%		59-143%
2037-26-5	Toluene-D8	102%		52-159%
460-00-4	4-Bromofluorobenzene	104%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BH05@1-2'		
<b>Lab Sample ID:</b> DA75521-9		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 96.9
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	V56502.D	1	10/03/25 19:28	ALA	10/03/25 07:30	L:OP28752	L:EV1836
Run #2							

	Initial Weight	Final Volume
Run #1	5.00 g	10.0 ml
Run #2		

### COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	98%		50-150%
321-60-8	2-Fluorobiphenyl	97%		50-150%
1718-51-0	Terphenyl-d14	89%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH05@1-2'	
<b>Lab Sample ID:</b> DA75521-9	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570	<b>Percent Solids:</b> 96.9
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001344.D	1	10/08/25 12:20	ALA	10/03/25 07:30	L:OP28754	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.1	4.1	mg/kg	
	TPH-ORO (> C28-C36)	< 6.2	6.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	85%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH05@1-2'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-9	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 96.9
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	1.8	0.059	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	51.0	0.59	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.072	0.030	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	3.4	0.59	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	4.0	0.15	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	3.2	0.59	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	< 0.12	0.12	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.030	0.030	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	13.0	3.0	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19662

(2) Prep QC Batch: MP43116

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH05@1-2'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-9		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 96.9
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	96.9		%	1	09/23/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	8.22		su	1	09/29/25 09:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.29	0.010	mmhos/cm	1	10/08/25 14:45	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.41	0.41	mg/kg	1	10/17/25 16:17	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> BH05@1-2'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-9A	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 96.9
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

## SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	110	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	11.0	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	37.1	2.5	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30832

(2) Prep QC Batch: L:MP31742

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH05@1-2'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-9A	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 96.9
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.902		ratio	1	10/03/25 14:05	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH05@1-2'	
<b>Lab Sample ID:</b> DA75521-9B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 96.9
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/25/25	09/26/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19668

(2) Prep QC Batch: MP43115

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RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> BH05@2-3'		
<b>Lab Sample ID:</b> DA75521-10		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D		<b>Percent Solids:</b> 94.8
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	2K20058.D	1	10/05/25 00:44	ALA	n/a	n/a	L:V2K4647
Run #2							

Run #	Initial Weight
Run #1	5.4 g
Run #2	

**VOA COGCC Table 915 soil list**

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00049	0.00049	mg/kg	
100-41-4	Ethylbenzene	< 0.00098	0.00098	mg/kg	
108-88-3	Toluene	< 0.0049	0.0049	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0049	0.0049	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0049	0.0049	mg/kg	
	m,p-Xylene	< 0.0020	0.0020	mg/kg	
95-47-6	o-Xylene	< 0.00098	0.00098	mg/kg	
1330-20-7	Xylene (total)	< 0.0020	0.0020	mg/kg	
	TPH-GRO (C6-C10)	< 0.20	0.20	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	130%		59-143%
2037-26-5	Toluene-D8	100%		52-159%
460-00-4	4-Bromofluorobenzene	100%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH05@2-3'		
<b>Lab Sample ID:</b> DA75521-10		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 94.8
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	V56503.D	1	10/03/25 19:48	ALA	10/03/25 07:30	L:OP28752	L:EV1836
Run #2							

	Initial Weight	Final Volume
Run #1	5.00 g	10.0 ml
Run #2		

## COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	94%		50-150%
321-60-8	2-Fluorobiphenyl	95%		50-150%
1718-51-0	Terphenyl-d14	85%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BH05@2-3'		
<b>Lab Sample ID:</b> DA75521-10		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570		<b>Percent Solids:</b> 94.8
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001345.D	1	10/08/25 12:38	ALA	10/03/25 07:30	L:OP28754	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.2	4.2	mg/kg	
	TPH-ORO (> C28-C36)	< 6.3	6.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	88%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BH05@2-3'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-10		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 94.8
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

## Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	2.4	0.074	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	101	0.74	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.088	0.037	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	4.5	0.74	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	5.8	0.18	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	4.5	0.74	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	< 0.15	0.15	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.037	0.037	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	17.1	3.7	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19662

(2) Prep QC Batch: MP43116

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH05@2-3'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-10		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 94.8
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	94.8		%	1	09/23/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	9.30		su	1	09/29/25 09:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.37	0.010	mmhos/cm	1	10/08/25 14:45	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.43	0.43	mg/kg	1	10/17/25 16:33	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH05@2-3'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-10A	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 94.8
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	72.0	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	11.8	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	82.1	2.5	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30832

(2) Prep QC Batch: L:MP31742

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH05@2-3'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-10A	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 94.8
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	2.36		ratio	1	10/03/25 14:09	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH05@2-3'	
<b>Lab Sample ID:</b> DA75521-10B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 94.8
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/25/25	09/26/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19668

(2) Prep QC Batch: MP43115

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH06@4-5'	
<b>Lab Sample ID:</b> DA75521-11	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D	<b>Percent Solids:</b> 93.2
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	11122300.D	1	10/04/25 18:49	ALA	n/a	n/a	L:V114601
Run #2							

Run #	Initial Weight
Run #1	4.9 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00055	0.00055	mg/kg	
100-41-4	Ethylbenzene	< 0.0011	0.0011	mg/kg	
108-88-3	Toluene	< 0.0055	0.0055	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0055	0.0055	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0055	0.0055	mg/kg	
	m,p-Xylene	< 0.0022	0.0022	mg/kg	
95-47-6	o-Xylene	< 0.0011	0.0011	mg/kg	
1330-20-7	Xylene (total)	< 0.0022	0.0022	mg/kg	
	TPH-GRO (C6-C10)	< 0.22	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	111%		59-143%
2037-26-5	Toluene-D8	102%		52-159%
460-00-4	4-Bromofluorobenzene	102%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BH06@4-5'		
<b>Lab Sample ID:</b> DA75521-11		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 93.2
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	V56504.D	1	10/03/25 20:07	ALA	10/03/25 07:30	L:OP28752	L:EV1836
Run #2							

	Initial Weight	Final Volume
Run #1	5.00 g	10.0 ml
Run #2		

### COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	94%		50-150%
321-60-8	2-Fluorobiphenyl	97%		50-150%
1718-51-0	Terphenyl-d14	87%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH06@4-5'	
<b>Lab Sample ID:</b> DA75521-11	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570	<b>Percent Solids:</b> 93.2
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001346.D	1	10/08/25 12:56	ALA	10/03/25 07:30	L:OP28754	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	7.55	4.3	mg/kg	B
	TPH-ORO (> C28-C36)	8.66	6.4	mg/kg	B

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	88%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH06@4-5'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-11	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 93.2
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	1.3	0.076	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	31.1	0.76	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.070	0.038	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	3.1	0.76	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	3.4	0.19	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	2.5	0.76	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	< 0.15	0.15	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.038	0.038	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	11.1	3.8	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19662

(2) Prep QC Batch: MP43116

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH06@4-5'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-11	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 93.2
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	93.2		%	1	09/23/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	7.77		su	1	09/29/25 09:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.40	0.010	mmhos/cm	1	10/08/25 14:45	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.44	0.44	mg/kg	1	10/17/25 17:21	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH06@4-5'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-11A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 93.2
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	34.5	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	7.30	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	45.2	2.5	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30832

(2) Prep QC Batch: L:MP31742

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH06@4-5'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-11A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 93.2
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	1.82		ratio	1	10/03/25 14:13	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH06@4-5'	
<b>Lab Sample ID:</b> DA75521-11B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 93.2
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/25/25	09/26/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19668

(2) Prep QC Batch: MP43115

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH06@6-7'	
<b>Lab Sample ID:</b> DA75521-12	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D	<b>Percent Solids:</b> 94.3
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	2K20130.D	1	10/06/25 21:53	ALA	n/a	n/a	L:V2K4649
Run #2							

Run #	Initial Weight
Run #1	5.0 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00053	0.00053	mg/kg	
100-41-4	Ethylbenzene <sup>b</sup>	< 0.0011	0.0011	mg/kg	
108-88-3	Toluene	< 0.0053	0.0053	mg/kg	
95-63-6	1,2,4-Trimethylbenzene <sup>b</sup>	< 0.0053	0.0053	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0053	0.0053	mg/kg	
	m,p-Xylene	< 0.0021	0.0021	mg/kg	
95-47-6	o-Xylene	< 0.0011	0.0011	mg/kg	
1330-20-7	Xylene (total)	< 0.0021	0.0021	mg/kg	
	TPH-GRO (C6-C10)	< 0.21	0.21	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	130%		59-143%
2037-26-5	Toluene-D8	102%		52-159%
460-00-4	4-Bromofluorobenzene	102%		38-183%

(a) Analysis performed at SGS Scott, LA.

(b) Associated CCV outside of control limits high, sample is ND.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH06@6-7'		
<b>Lab Sample ID:</b> DA75521-12		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 94.3
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	V56505.D	1	10/03/25 20:27	ALA	10/03/25 07:30	L:OP28752	L:EV1836
Run #2							

	Initial Weight	Final Volume
Run #1	5.00 g	10.0 ml
Run #2		

## COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	97%		50-150%
321-60-8	2-Fluorobiphenyl	102%		50-150%
1718-51-0	Terphenyl-d14	91%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH06@6-7'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-12		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 94.3
<b>Method:</b> SW846 8015C SW846 3570		
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001347.D	1	10/08/25 13:13	ALA	10/03/25 07:30	L:OP28754	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.2	4.2	mg/kg	
	TPH-ORO (> C28-C36)	< 6.4	6.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	126%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
 E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH06@6-7'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-12	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 94.3
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	1.3	0.066	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	30.0	0.66	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.039	0.033	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	2.8	0.66	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	3.3	0.16	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	2.2	0.66	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	< 0.13	0.13	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.033	0.033	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	9.7	3.3	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19662

(2) Prep QC Batch: MP43116

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH06@6-7'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-12	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 94.3
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	94.3		%	1	09/23/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	9.30		su	1	09/29/25 09:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.21	0.010	mmhos/cm	1	10/08/25 14:45	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.42	0.42	mg/kg	1	10/17/25 16:57	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH06@6-7'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-12A	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 94.3
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	58.8	0.50	mg/l	5	09/29/25	10/03/25	ALA SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	5.16	0.50	mg/l	5	09/29/25	10/03/25	ALA SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	42.7	2.5	mg/l	5	09/29/25	10/03/25	ALA SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30832

(2) Prep QC Batch: L:MP31742

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH06@6-7'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-12A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 94.3
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	1.43		ratio	1	10/03/25 14:18	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH06@6-7'	
<b>Lab Sample ID:</b> DA75521-12B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 94.3
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/25/25	09/26/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19668

(2) Prep QC Batch: MP43115

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH07@2-3'	
<b>Lab Sample ID:</b> DA75521-13	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D	<b>Percent Solids:</b> 94.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	11122302.D	1	10/04/25 19:34	ALA	n/a	n/a	L:V114601
Run #2							

	Initial Weight
Run #1	5.5 g
Run #2	

**VOA COGCC Table 915 soil list**

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00048	0.00048	mg/kg	
100-41-4	Ethylbenzene	< 0.00096	0.00096	mg/kg	
108-88-3	Toluene	< 0.0048	0.0048	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0048	0.0048	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0048	0.0048	mg/kg	
	m,p-Xylene	< 0.0019	0.0019	mg/kg	
95-47-6	o-Xylene	< 0.00096	0.00096	mg/kg	
1330-20-7	Xylene (total)	< 0.0019	0.0019	mg/kg	
	TPH-GRO (C6-C10)	< 0.19	0.19	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	116%		59-143%
2037-26-5	Toluene-D8	103%		52-159%
460-00-4	4-Bromofluorobenzene	103%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BH07@2-3'		
<b>Lab Sample ID:</b> DA75521-13		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 94.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	V56506.D	1	10/03/25 20:46	ALA	10/03/25 07:30	L:OP28752	L:EV1836
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.01 g	10.0 ml
Run #2		

### COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	100%		50-150%
321-60-8	2-Fluorobiphenyl	101%		50-150%
1718-51-0	Terphenyl-d14	91%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BH07@2-3'		
<b>Lab Sample ID:</b> DA75521-13		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570		<b>Percent Solids:</b> 94.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001348.D	1	10/08/25 13:31	ALA	10/03/25 07:30	L:OP28754	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.2	4.2	mg/kg	
	TPH-ORO (> C28-C36)	< 6.4	6.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	87%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH07@2-3' <b>Lab Sample ID:</b> DA75521-13 <b>Matrix:</b> SO - Soil <b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	<b>Date Sampled:</b> 09/22/25 <b>Date Received:</b> 09/22/25 <b>Percent Solids:</b> 94.4
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### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	1.0	0.057	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	23.0	0.57	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.029	0.028	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	2.1	0.57	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	2.6	0.14	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	1.9	0.57	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	< 0.11	0.11	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.028	0.028	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	8.4	2.8	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19662

(2) Prep QC Batch: MP43116

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH07@2-3'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-13	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 94.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	94.4		%	1	09/23/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	6.59		su	1	09/29/25 09:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.56	0.010	mmhos/cm	1	10/08/25 14:45	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.44	0.44	mg/kg	1	10/20/25 18:14	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH07@2-3'	
<b>Lab Sample ID:</b> DA75521-13A	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 94.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	49.0	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	9.55	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	51.6	2.5	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30832

(2) Prep QC Batch: L:MP31742

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH07@2-3'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-13A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 94.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	1.76		ratio	1	10/03/25 14:22	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH07@2-3'	
<b>Lab Sample ID:</b> DA75521-13B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 94.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/25/25	09/26/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19668

(2) Prep QC Batch: MP43115

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RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> BH07@4-5'		
<b>Lab Sample ID:</b> DA75521-14		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D		<b>Percent Solids:</b> 95.5
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	11122303.D	1	10/04/25 19:56	ALA	n/a	n/a	L:V114601
Run #2							

Run #	Initial Weight
Run #1	5.5 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00048	0.00048	mg/kg	
100-41-4	Ethylbenzene	< 0.00095	0.00095	mg/kg	
108-88-3	Toluene	< 0.0048	0.0048	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0048	0.0048	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0048	0.0048	mg/kg	
	m,p-Xylene	< 0.0019	0.0019	mg/kg	
95-47-6	o-Xylene	< 0.00095	0.00095	mg/kg	
1330-20-7	Xylene (total)	< 0.0019	0.0019	mg/kg	
	TPH-GRO (C6-C10)	< 0.19	0.19	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	118%		59-143%
2037-26-5	Toluene-D8	101%		52-159%
460-00-4	4-Bromofluorobenzene	107%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BH07@4-5'		
<b>Lab Sample ID:</b> DA75521-14		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 95.5
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	V56507.D	1	10/03/25 21:06	ALA	10/03/25 07:30	L:OP28752	L:EV1836
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.00 g	10.0 ml
Run #2		

### COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	101%		50-150%
321-60-8	2-Fluorobiphenyl	99%		50-150%
1718-51-0	Terphenyl-d14	89%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
 E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH07@4-5'	
<b>Lab Sample ID:</b> DA75521-14	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570	<b>Percent Solids:</b> 95.5
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001349.D	1	10/08/25 13:49	ALA	10/03/25 07:30	L:OP28754	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.2	4.2	mg/kg	
	TPH-ORO (> C28-C36)	< 6.3	6.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	88%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH07@4-5'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-14		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 95.5
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	1.7	0.072	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	25.1	0.72	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.037	0.036	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	2.1	0.72	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	2.8	0.18	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	1.8	0.72	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	< 0.14	0.14	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.036	0.036	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	8.6	3.6	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19662

(2) Prep QC Batch: MP43116

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH07@4-5'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-14	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 95.5
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	95.5		%	1	09/23/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	8.39		su	1	09/29/25 10:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.11	0.010	mmhos/cm	1	10/08/25 14:45	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.40	0.40	mg/kg	1	10/20/25 19:57	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH07@4-5'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-14A	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 95.5
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	93.5	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	10.8	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	38.3	2.5	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30832

(2) Prep QC Batch: L:MP31742

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH07@4-5'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-14A	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 95.5
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.999		ratio	1	10/03/25 14:26	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH07@4-5'	
<b>Lab Sample ID:</b> DA75521-14B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 95.5
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/25/25	09/26/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19668

(2) Prep QC Batch: MP43115

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RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> BH07@6-7'		
<b>Lab Sample ID:</b> DA75521-15		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D		<b>Percent Solids:</b> 95.5
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	11122304.D	1	10/04/25 20:19	ALA	n/a	n/a	L:V114601
Run #2							

Run #	Initial Weight
Run #1	4.8 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00055	0.00055	mg/kg	
100-41-4	Ethylbenzene	< 0.0011	0.0011	mg/kg	
108-88-3	Toluene	< 0.0055	0.0055	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0055	0.0055	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0055	0.0055	mg/kg	
	m,p-Xylene	< 0.0022	0.0022	mg/kg	
95-47-6	o-Xylene	< 0.0011	0.0011	mg/kg	
1330-20-7	Xylene (total)	< 0.0022	0.0022	mg/kg	
	TPH-GRO (C6-C10)	< 0.22	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	117%		59-143%
2037-26-5	Toluene-D8	102%		52-159%
460-00-4	4-Bromofluorobenzene	106%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b>	BH07@6-7'	<b>Date Sampled:</b>	09/22/25
<b>Lab Sample ID:</b>	DA75521-15	<b>Date Received:</b>	09/22/25
<b>Matrix:</b>	SO - Soil	<b>Percent Solids:</b>	95.5
<b>Method:</b>	SW846 8270E SW846 3570		
<b>Project:</b>	TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	V56508.D	1	10/03/25 21:25	ALA	10/03/25 07:30	L:OP28752	L:EV1836
Run #2							

	Initial Weight	Final Volume
Run #1	5.01 g	10.0 ml
Run #2		

## COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	96%		50-150%
321-60-8	2-Fluorobiphenyl	100%		50-150%
1718-51-0	Terphenyl-d14	88%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH07@6-7'	
<b>Lab Sample ID:</b> DA75521-15	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570	<b>Percent Solids:</b> 95.5
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001353.D	1	10/08/25 15:20	ALA	10/03/25 07:30	L:OP28754	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.2	4.2	mg/kg	
	TPH-ORO (> C28-C36)	< 6.3	6.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	89%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH07@6-7'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-15	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 95.5
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	1.4	0.071	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	31.3	0.71	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.035	0.035	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	2.1	0.71	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	2.5	0.18	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	1.8	0.71	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	< 0.14	0.14	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.035	0.035	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	8.4	3.5	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19662

(2) Prep QC Batch: MP43116

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH07@6-7'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-15	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 95.5
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	95.5		%	1	09/23/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	7.62		su	1	09/29/25 10:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.24	0.010	mmhos/cm	1	10/08/25 14:45	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.42	0.42	mg/kg	1	10/20/25 20:05	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> BH07@6-7'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-15A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 95.5
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

## SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	87.5	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	6.26	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	31.5	2.5	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30832

(2) Prep QC Batch: L:MP31742

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH07@6-7'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-15A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 95.5
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.876		ratio	1	10/03/25 14:30	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH07@6-7'	
<b>Lab Sample ID:</b> DA75521-15B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 95.5
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/25/25	09/26/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19668

(2) Prep QC Batch: MP43115

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RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> BH08@2-3'		
<b>Lab Sample ID:</b> DA75521-16		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D		<b>Percent Solids:</b> 91.2
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	11122305.D	1	10/04/25 20:41	ALA	n/a	n/a	L:V114601
Run #2							

Run #	Initial Weight
Run #1	5.4 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00051	0.00051	mg/kg	
100-41-4	Ethylbenzene	< 0.0010	0.0010	mg/kg	
108-88-3	Toluene	< 0.0051	0.0051	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0051	0.0051	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0051	0.0051	mg/kg	
	m,p-Xylene	< 0.0020	0.0020	mg/kg	
95-47-6	o-Xylene	< 0.0010	0.0010	mg/kg	
1330-20-7	Xylene (total)	< 0.0020	0.0020	mg/kg	
	TPH-GRO (C6-C10)	< 0.20	0.20	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	124%		59-143%
2037-26-5	Toluene-D8	101%		52-159%
460-00-4	4-Bromofluorobenzene	105%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BH08@2-3'		
<b>Lab Sample ID:</b> DA75521-16		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 91.2
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	V56509.D	1	10/03/25 21:45	ALA	10/03/25 07:30	L:OP28752	L:EV1836
Run #2							

	Initial Weight	Final Volume
Run #1	5.01 g	10.0 ml
Run #2		

### COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	96%		50-150%
321-60-8	2-Fluorobiphenyl	101%		50-150%
1718-51-0	Terphenyl-d14	88%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH08@2-3'	
<b>Lab Sample ID:</b> DA75521-16	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570	<b>Percent Solids:</b> 91.2
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001354.D	1	10/08/25 15:38	ALA	10/03/25 07:30	L:OP28754	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	90%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BH08@2-3'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-16	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 91.2
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

## Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	2.8	0.078	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	63.9	0.78	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.066	0.039	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	4.5	0.78	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	5.8	0.19	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	5.7	0.78	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	< 0.16	0.16	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.039	0.039	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	16.8	3.9	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19662

(2) Prep QC Batch: MP43116

RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> BH08@2-3'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-16	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 91.2
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

## General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	91.2		%	1	09/23/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	9.20		su	1	09/29/25 10:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.38	0.010	mmhos/cm	1	10/08/25 14:45	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.45	0.45	mg/kg	1	10/20/25 20:37	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH08@2-3'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-16A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 91.2
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	55.2	0.50	mg/l	5	09/29/25	10/03/25	ALA SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	8.93	0.50	mg/l	5	09/29/25	10/03/25	ALA SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	16.8	2.5	mg/l	5	09/29/25	10/03/25	ALA SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30832

(2) Prep QC Batch: L:MP31742

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH08@2-3'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-16A	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 91.2
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.553		ratio	1	10/03/25 14:34	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH08@2-3'	
<b>Lab Sample ID:</b> DA75521-16B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 91.2
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/25/25	09/26/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19668

(2) Prep QC Batch: MP43115

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RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> BH08@4-5'		
<b>Lab Sample ID:</b> DA75521-17		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D		<b>Percent Solids:</b> 96.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	2K20060.D	1	10/05/25 01:32	ALA	n/a	n/a	L:V2K4647
Run #2							

Run #	Initial Weight
Run #1	4.8 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00054	0.00054	mg/kg	
100-41-4	Ethylbenzene	< 0.0011	0.0011	mg/kg	
108-88-3	Toluene	< 0.0054	0.0054	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0054	0.0054	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0054	0.0054	mg/kg	
	m,p-Xylene	< 0.0022	0.0022	mg/kg	
95-47-6	o-Xylene	< 0.0011	0.0011	mg/kg	
1330-20-7	Xylene (total)	< 0.0022	0.0022	mg/kg	
	TPH-GRO (C6-C10)	< 0.22	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	115%		59-143%
2037-26-5	Toluene-D8	100%		52-159%
460-00-4	4-Bromofluorobenzene	102%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH08@4-5'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-17		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 96.0
<b>Method:</b> SW846 8270E SW846 3570		
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	V56510.D	1	10/03/25 22:04	ALA	10/03/25 07:30	L:OP28752	L:EV1836
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.00 g	10.0 ml
Run #2		

## COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	95%		50-150%
321-60-8	2-Fluorobiphenyl	97%		50-150%
1718-51-0	Terphenyl-d14	86%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH08@4-5'	
<b>Lab Sample ID:</b> DA75521-17	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570	<b>Percent Solids:</b> 96.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001355.D	1	10/08/25 15:56	ALA	10/03/25 07:30	L:OP28754	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.2	4.2	mg/kg	
	TPH-ORO (> C28-C36)	< 6.2	6.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	88%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH08@4-5'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-17		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 96.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	1.5	0.066	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	34.7	0.66	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.050	0.033	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	2.4	0.66	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	2.8	0.16	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	2.1	0.66	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	< 0.13	0.13	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.033	0.033	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	9.3	3.3	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19662

(2) Prep QC Batch: MP43116

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH08@4-5'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-17	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 96.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b> Solids, Percent	96		%	1	09/23/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b> pH <sup>a</sup>	6.98		su	1	09/29/25 10:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b> Specific Conductivity <sup>a</sup>	0.27	0.010	mmhos/cm	1	10/08/25 14:45	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.42	0.42	mg/kg	1	10/20/25 21:01	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH08@4-5'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-17A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 96.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	41.8	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	6.30	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	13.7	2.5	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30832

(2) Prep QC Batch: L:MP31742

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH08@4-5'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-17A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 96.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.522		ratio	1	10/03/25 14:39	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH08@4-5'	
<b>Lab Sample ID:</b> DA75521-17B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 96.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/25/25	09/26/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19668

(2) Prep QC Batch: MP43115

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH08@6-7'	
<b>Lab Sample ID:</b> DA75521-18	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D	<b>Percent Solids:</b> 96.6
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	2K20061.D	1	10/05/25 01:56	ALA	n/a	n/a	L:V2K4647
Run #2							

Run #	Initial Weight
Run #1	5.3 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00049	0.00049	mg/kg	
100-41-4	Ethylbenzene	< 0.00098	0.00098	mg/kg	
108-88-3	Toluene	< 0.0049	0.0049	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0049	0.0049	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0049	0.0049	mg/kg	
	m,p-Xylene	< 0.0020	0.0020	mg/kg	
95-47-6	o-Xylene	< 0.00098	0.00098	mg/kg	
1330-20-7	Xylene (total)	< 0.0020	0.0020	mg/kg	
	TPH-GRO (C6-C10)	< 0.20	0.20	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	120%		59-143%
2037-26-5	Toluene-D8	99%		52-159%
460-00-4	4-Bromofluorobenzene	99%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BH08@6-7'		
<b>Lab Sample ID:</b> DA75521-18		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 96.6
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	V56511.D	1	10/03/25 22:24	ALA	10/03/25 07:30	L:OP28752	L:EV1836
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.01 g	10.0 ml
Run #2		

### COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	97%		50-150%
321-60-8	2-Fluorobiphenyl	101%		50-150%
1718-51-0	Terphenyl-d14	89%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH08@6-7'	
<b>Lab Sample ID:</b> DA75521-18	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570	<b>Percent Solids:</b> 96.6
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001356.D	1	10/08/25 16:13	ALA	10/03/25 07:30	L:OP28754	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.1	4.1	mg/kg	
	TPH-ORO (> C28-C36)	< 6.2	6.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	88%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH08@6-7'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-18	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 96.6
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	1.4	0.072	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	27.7	0.72	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.042	0.036	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	2.2	0.72	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	2.8	0.18	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	1.7	0.72	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	< 0.14	0.14	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.036	0.036	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	8.4	3.6	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19662

(2) Prep QC Batch: MP43116

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH08@6-7'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-18	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 96.6
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	96.6		%	1	09/23/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	9.33		su	1	09/29/25 10:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.19	0.010	mmhos/cm	1	10/08/25 14:45	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.41	0.41	mg/kg	1	10/20/25 21:09	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> BH08@6-7'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-18A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 96.6
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

## SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	41.0	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	7.99	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	17.5	2.5	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30832

(2) Prep QC Batch: L:MP31742

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH08@6-7'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-18A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 96.6
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.654		ratio	1	10/03/25 14:51	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH08@6-7'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-18B		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 96.6
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/25/25	09/26/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19668

(2) Prep QC Batch: MP43115

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RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> BH09@2-3'		
<b>Lab Sample ID:</b> DA75521-19		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D		<b>Percent Solids:</b> 94.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	2K20062.D	1	10/05/25 02:20	ALA	n/a	n/a	L:V2K4647
Run #2							

Run #	Initial Weight
Run #1	4.9 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00054	0.00054	mg/kg	
100-41-4	Ethylbenzene	< 0.0011	0.0011	mg/kg	
108-88-3	Toluene	< 0.0054	0.0054	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0054	0.0054	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0054	0.0054	mg/kg	
	m,p-Xylene	< 0.0022	0.0022	mg/kg	
95-47-6	o-Xylene	< 0.0011	0.0011	mg/kg	
1330-20-7	Xylene (total)	< 0.0022	0.0022	mg/kg	
	TPH-GRO (C6-C10)	< 0.22	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	119%		59-143%
2037-26-5	Toluene-D8	100%		52-159%
460-00-4	4-Bromofluorobenzene	98%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BH09@2-3'		
<b>Lab Sample ID:</b> DA75521-19		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 94.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	V56512.D	1	10/03/25 22:44	ALA	10/03/25 07:30	L:OP28752	L:EV1836
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.01 g	10.0 ml
Run #2		

### COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	98%		50-150%
321-60-8	2-Fluorobiphenyl	98%		50-150%
1718-51-0	Terphenyl-d14	86%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BH09@2-3'		
<b>Lab Sample ID:</b> DA75521-19		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570		<b>Percent Solids:</b> 94.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001357.D	1	10/08/25 16:31	ALA	10/03/25 07:30	L:OP28754	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.2	4.2	mg/kg	
	TPH-ORO (> C28-C36)	< 6.3	6.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	89%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BH09@2-3'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-19		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 94.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

## Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	2.0	0.075	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	58.2	0.75	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.11	0.037	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	5.0	0.75	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	5.3	0.19	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	4.6	0.75	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	< 0.15	0.15	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.037	0.037	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	16.6	3.7	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19662

(2) Prep QC Batch: MP43116

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH09@2-3'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-19	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 94.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	94.7		%	1	09/23/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	8.01		su	1	09/29/25 10:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.77	0.010	mmhos/cm	1	10/08/25 14:45	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.42	0.42	mg/kg	1	10/20/25 21:32	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH09@2-3'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-19A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 94.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	117	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	26.1	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	40.9	2.5	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30832

(2) Prep QC Batch: L:MP31742

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH09@2-3'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-19A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 94.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.890		ratio	1	10/03/25 14:55	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH09@2-3'	
<b>Lab Sample ID:</b> DA75521-19B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 94.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/25/25	09/26/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19668

(2) Prep QC Batch: MP43115

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RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> BH09@4-5'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-20		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 94.1
<b>Method:</b> SW846 8260D		
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	2K20063.D	1	10/05/25 02:44	ALA	n/a	n/a	L:V2K4647
Run #2							

Run #	Initial Weight
Run #1	4.8 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00055	0.00055	mg/kg	
100-41-4	Ethylbenzene	< 0.0011	0.0011	mg/kg	
108-88-3	Toluene	< 0.0055	0.0055	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0055	0.0055	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0055	0.0055	mg/kg	
	m,p-Xylene	< 0.0022	0.0022	mg/kg	
95-47-6	o-Xylene	< 0.0011	0.0011	mg/kg	
1330-20-7	Xylene (total)	< 0.0022	0.0022	mg/kg	
	TPH-GRO (C6-C10)	< 0.22	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	129%		59-143%
2037-26-5	Toluene-D8	98%		52-159%
460-00-4	4-Bromofluorobenzene	100%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BH09@4-5'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-20		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 94.1
<b>Method:</b> SW846 8270E SW846 3570		
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	V56513.D	1	10/03/25 23:03	ALA	10/03/25 07:30	L:OP28752	L:EV1836
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.01 g	10.0 ml
Run #2		

### COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	91%		50-150%
321-60-8	2-Fluorobiphenyl	94%		50-150%
1718-51-0	Terphenyl-d14	84%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BH09@4-5'		
<b>Lab Sample ID:</b> DA75521-20		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570		<b>Percent Solids:</b> 94.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001358.D	1	10/08/25 16:54	ALA	10/03/25 07:30	L:OP28754	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.3	4.3	mg/kg	
	TPH-ORO (> C28-C36)	< 6.4	6.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	91%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BH09@4-5'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-20		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 94.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

## Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	1.9	0.076	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	65.6	0.76	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.099	0.038	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	3.4	0.76	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	3.9	0.19	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	3.4	0.76	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	< 0.15	0.15	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.038	0.038	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	12.7	3.8	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19662

(2) Prep QC Batch: MP43116

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH09@4-5'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-20	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 94.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	94.1		%	1	09/23/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	7.62		su	1	09/29/25 10:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.56	0.010	mmhos/cm	1	10/08/25 14:45	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.41	0.41	mg/kg	1	10/20/25 21:40	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH09@4-5'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-20A	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 94.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	67.9	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	20.8	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	34.0	2.5	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30832

(2) Prep QC Batch: L:MP31742

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH09@4-5'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-20A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 94.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.926		ratio	1	10/03/25 15:00	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH09@4-5'	
<b>Lab Sample ID:</b> DA75521-20B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 94.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/25/25	09/26/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19668

(2) Prep QC Batch: MP43115

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RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> BH09@6-7'		
<b>Lab Sample ID:</b> DA75521-21		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D		<b>Percent Solids:</b> 97.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	2K20064.D	1	10/05/25 03:08	ALA	n/a	n/a	L:V2K4647
Run #2							

Run #	Initial Weight
Run #1	5.4 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00048	0.00048	mg/kg	
100-41-4	Ethylbenzene	< 0.00095	0.00095	mg/kg	
108-88-3	Toluene	< 0.0048	0.0048	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0048	0.0048	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0048	0.0048	mg/kg	
	m,p-Xylene	< 0.0019	0.0019	mg/kg	
95-47-6	o-Xylene	< 0.00095	0.00095	mg/kg	
1330-20-7	Xylene (total)	< 0.0019	0.0019	mg/kg	
	TPH-GRO (C6-C10)	< 0.19	0.19	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	138%		59-143%
2037-26-5	Toluene-D8	98%		52-159%
460-00-4	4-Bromofluorobenzene	98%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BH09@6-7'		
<b>Lab Sample ID:</b> DA75521-21		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 97.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	V56514.D	1	10/03/25 23:23	ALA	10/03/25 07:30	L:OP28752	L:EV1836
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.01 g	10.0 ml
Run #2		

### COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	96%		50-150%
321-60-8	2-Fluorobiphenyl	96%		50-150%
1718-51-0	Terphenyl-d14	86%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH09@6-7'	
<b>Lab Sample ID:</b> DA75521-21	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570	<b>Percent Solids:</b> 97.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001359.D	1	10/08/25 17:11	ALA	10/03/25 07:30	L:OP28754	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.1	4.1	mg/kg	
	TPH-ORO (> C28-C36)	< 6.2	6.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	87%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BH09@6-7'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-21	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 97.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

## Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	1.3	0.067	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	34.3	0.67	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.052	0.033	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	2.7	0.67	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	3.1	0.17	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	2.4	0.67	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	< 0.13	0.13	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.033	0.033	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	10	3.3	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19662

(2) Prep QC Batch: MP43116

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH09@6-7'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-21	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 97.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b> Solids, Percent	97		%	1	09/23/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b> pH <sup>a</sup>	7.58		su	1	09/29/25 10:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b> Specific Conductivity <sup>a</sup>	0.59	0.010	mmhos/cm	1	10/08/25 15:25	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.41	0.41	mg/kg	1	10/20/25 22:04	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> BH09@6-7'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-21A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 97.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

## SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	425	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	35.4	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	20.9	2.5	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30831

(2) Prep QC Batch: L:MP31743

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH09@6-7'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-21A	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 97.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.261		ratio	1	10/03/25 12:00	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH09@6-7'	
<b>Lab Sample ID:</b> DA75521-21B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 97.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/25/25	09/26/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19668

(2) Prep QC Batch: MP43115

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH10@2-3'	
<b>Lab Sample ID:</b> DA75521-22	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D	<b>Percent Solids:</b> 96.2
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	2K20065.D	1	10/05/25 03:32	ALA	n/a	n/a	L:V2K4647
Run #2							

Run #	Initial Weight
Run #1	5.3 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00049	0.00049	mg/kg	
100-41-4	Ethylbenzene	< 0.00098	0.00098	mg/kg	
108-88-3	Toluene	< 0.0049	0.0049	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0049	0.0049	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0049	0.0049	mg/kg	
	m,p-Xylene	< 0.0020	0.0020	mg/kg	
95-47-6	o-Xylene	< 0.00098	0.00098	mg/kg	
1330-20-7	Xylene (total)	< 0.0020	0.0020	mg/kg	
	TPH-GRO (C6-C10)	< 0.20	0.20	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	132%		59-143%
2037-26-5	Toluene-D8	99%		52-159%
460-00-4	4-Bromofluorobenzene	99%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BH10@2-3'		
<b>Lab Sample ID:</b> DA75521-22		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 96.2
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	C0082815.D	1	10/03/25 16:57	ALA	10/03/25 07:30	L:OP28753	L:EC3216
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.00 g	10.0 ml
Run #2		

### COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	98%		50-150%
321-60-8	2-Fluorobiphenyl	100%		50-150%
1718-51-0	Terphenyl-d14	91%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH10@2-3'	
<b>Lab Sample ID:</b> DA75521-22	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570	<b>Percent Solids:</b> 96.2
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001370.D	1	10/08/25 20:28	ALA	10/03/25 07:30	L:OP28755	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.2	4.2	mg/kg	
	TPH-ORO (> C28-C36)	< 6.2	6.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	89%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH10@2-3'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-22		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 96.2
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	1.2	0.069	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	35.0	0.69	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.048	0.035	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	2.9	0.69	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	3.0	0.17	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	2.6	0.69	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	< 0.14	0.14	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.035	0.035	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	10.4	3.5	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19662

(2) Prep QC Batch: MP43116

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH10@2-3'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-22	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 96.2
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	96.2		%	1	09/23/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	8.92		su	1	09/29/25 10:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.32	0.010	mmhos/cm	1	10/08/25 15:25	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.41	0.41	mg/kg	1	10/20/25 22:12	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH10@2-3'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-22A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 96.2
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	31.9	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	4.37	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	31.1	2.5	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30831

(2) Prep QC Batch: L:MP31743

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH10@2-3'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-22A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 96.2
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	1.37		ratio	1	10/03/25 12:08	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH10@2-3'	
<b>Lab Sample ID:</b> DA75521-22B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 96.2
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/25/25	09/26/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19668

(2) Prep QC Batch: MP43115

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RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> BH10@4-5'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-23		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 96.8
<b>Method:</b> SW846 8260D		
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	2K20066.D	1	10/05/25 03:56	ALA	n/a	n/a	L:V2K4647
Run #2							

Run #	Initial Weight
Run #1	5.3 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00049	0.00049	mg/kg	
100-41-4	Ethylbenzene	< 0.00097	0.00097	mg/kg	
108-88-3	Toluene	< 0.0049	0.0049	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0049	0.0049	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0049	0.0049	mg/kg	
	m,p-Xylene	< 0.0019	0.0019	mg/kg	
95-47-6	o-Xylene	< 0.00097	0.00097	mg/kg	
1330-20-7	Xylene (total)	< 0.0019	0.0019	mg/kg	
	TPH-GRO (C6-C10)	< 0.19	0.19	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	139%		59-143%
2037-26-5	Toluene-D8	101%		52-159%
460-00-4	4-Bromofluorobenzene	100%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BH10@4-5'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-23		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 96.8
<b>Method:</b> SW846 8270E SW846 3570		
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	C0082817.D	1	10/03/25 17:36	ALA	10/03/25 07:30	L:OP28753	L:EC3216
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.01 g	10.0 ml
Run #2		

### COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	95%		50-150%
321-60-8	2-Fluorobiphenyl	96%		50-150%
1718-51-0	Terphenyl-d14	88%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH10@4-5'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-23	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 96.8
<b>Method:</b> SW846 8015C SW846 3570	
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001371.D	1	10/08/25 20:45	ALA	10/03/25 07:30	L:OP28755	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.1	4.1	mg/kg	
	TPH-ORO (> C28-C36)	< 6.2	6.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	90%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
 E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH10@4-5'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-23	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 96.8
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	1.3	0.064	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	33.8	0.64	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.046	0.032	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	2.4	0.64	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	2.7	0.16	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	2.1	0.64	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	< 0.13	0.13	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.032	0.032	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	9.7	3.2	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19662

(2) Prep QC Batch: MP43116

RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> BH10@4-5'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-23	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 96.8
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

## General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	96.8		%	1	09/23/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	7.48		su	1	09/29/25 10:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	2.1	0.010	mmhos/cm	1	10/08/25 15:25	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.43	0.43	mg/kg	1	10/20/25 22:36	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> BH10@4-5'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-23A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 96.8
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

## SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	359	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	44.7	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	156	2.5	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30831

(2) Prep QC Batch: L:MP31743

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH10@4-5'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-23A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 96.8
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	2.06		ratio	1	10/03/25 12:12	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH10@4-5'	
<b>Lab Sample ID:</b> DA75521-23B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 96.8
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/25/25	09/26/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19668

(2) Prep QC Batch: MP43115

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RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> BH10@6-7'		
<b>Lab Sample ID:</b> DA75521-24		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D		<b>Percent Solids:</b> 97.8
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	2K20067.D	1	10/05/25 04:20	ALA	n/a	n/a	L:V2K4647
Run #2							

Run #	Initial Weight
Run #1	5.4 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00047	0.00047	mg/kg	
100-41-4	Ethylbenzene	< 0.00095	0.00095	mg/kg	
108-88-3	Toluene	< 0.0047	0.0047	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0047	0.0047	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0047	0.0047	mg/kg	
	m,p-Xylene	< 0.0019	0.0019	mg/kg	
95-47-6	o-Xylene	< 0.00095	0.00095	mg/kg	
1330-20-7	Xylene (total)	< 0.0019	0.0019	mg/kg	
	TPH-GRO (C6-C10)	< 0.19	0.19	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	138%		59-143%
2037-26-5	Toluene-D8	98%		52-159%
460-00-4	4-Bromofluorobenzene	103%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BH10@6-7'		
<b>Lab Sample ID:</b> DA75521-24		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 97.8
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	C0082818.D	1	10/03/25 17:55	ALA	10/03/25 07:30	L:OP28753	L:EC3216
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.01 g	10.0 ml
Run #2		

### COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	92%		50-150%
321-60-8	2-Fluorobiphenyl	91%		50-150%
1718-51-0	Terphenyl-d14	86%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH10@6-7'	
<b>Lab Sample ID:</b> DA75521-24	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570	<b>Percent Solids:</b> 97.8
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001372.D	1	10/08/25 21:03	ALA	10/03/25 07:30	L:OP28755	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.1	4.1	mg/kg	
	TPH-ORO (> C28-C36)	< 6.1	6.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	89%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH10@6-7'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-24	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 97.8
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	1.1	0.063	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	28.9	0.63	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.032	0.032	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	1.9	0.63	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	2.4	0.16	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	1.7	0.63	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	< 0.13	0.13	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.032	0.032	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	7.7	3.2	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19662

(2) Prep QC Batch: MP43116

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH10@6-7'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-24	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 97.8
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	97.8		%	1	09/23/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	7.34		su	1	09/29/25 10:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.54	0.010	mmhos/cm	1	10/08/25 15:25	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.40	0.40	mg/kg	1	10/20/25 22:44	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH10@6-7'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-24A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 97.8
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	187	0.50	mg/l	5	09/29/25	10/03/25	ALA SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	10.6	0.50	mg/l	5	09/29/25	10/03/25	ALA SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	50.0	2.5	mg/l	5	09/29/25	10/03/25	ALA SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30831

(2) Prep QC Batch: L:MP31743

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH10@6-7'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-24A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 97.8
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.962		ratio	1	10/03/25 12:16	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH10@6-7'	
<b>Lab Sample ID:</b> DA75521-24B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 97.8
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/25/25	09/26/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19668

(2) Prep QC Batch: MP43115

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH11@2-3'	
<b>Lab Sample ID:</b> DA75521-25	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D	<b>Percent Solids:</b> 92.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	2K20068.D	1	10/05/25 04:44	ALA	n/a	n/a	L:V2K4647
Run #2							

Run #	Initial Weight
Run #1	5.1 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00053	0.00053	mg/kg	
100-41-4	Ethylbenzene	< 0.0011	0.0011	mg/kg	
108-88-3	Toluene	< 0.0053	0.0053	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0053	0.0053	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0053	0.0053	mg/kg	
	m,p-Xylene	< 0.0021	0.0021	mg/kg	
95-47-6	o-Xylene	< 0.0011	0.0011	mg/kg	
1330-20-7	Xylene (total)	< 0.0021	0.0021	mg/kg	
	TPH-GRO (C6-C10)	< 0.21	0.21	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	132%		59-143%
2037-26-5	Toluene-D8	99%		52-159%
460-00-4	4-Bromofluorobenzene	100%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH11@2-3'		
<b>Lab Sample ID:</b> DA75521-25		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 92.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	C0082819.D	1	10/03/25 18:15	ALA	10/03/25 07:30	L:OP28753	L:EC3216
Run #2							

	Initial Weight	Final Volume
Run #1	5.01 g	10.0 ml
Run #2		

## COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	96%		50-150%
321-60-8	2-Fluorobiphenyl	98%		50-150%
1718-51-0	Terphenyl-d14	91%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH11@2-3'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-25		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 92.4
<b>Method:</b> SW846 8015C SW846 3570		
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001376.D	1	10/08/25 22:15	ALA	10/03/25 07:30	L:OP28755	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	89%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
 E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH11@2-3'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-25		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 92.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	1.8	0.064	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	59.6	0.64	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.066	0.032	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	5.2	0.64	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	4.6	0.16	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	4.0	0.64	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	< 0.13	0.13	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.032	0.032	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	16.1	3.2	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19662

(2) Prep QC Batch: MP43116

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH11@2-3'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-25	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 92.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	92.4		%	1	09/23/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	9.00		su	1	09/29/25 10:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	2.3	0.010	mmhos/cm	1	10/08/25 15:25	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.45	0.45	mg/kg	1	10/20/25 23:07	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH11@2-3'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-25A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 92.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	367	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	56.7	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	130	2.5	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30831

(2) Prep QC Batch: L:MP31743

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH11@2-3'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-25A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 92.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	1.67		ratio	1	10/03/25 12:20	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH11@2-3'	
<b>Lab Sample ID:</b> DA75521-25B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 92.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/25/25	09/26/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19668

(2) Prep QC Batch: MP43115

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH11@4-5'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-26		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 86.1
<b>Method:</b> SW846 8260D		
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	2K20069.D	1	10/05/25 05:08	ALA	n/a	n/a	L:V2K4647
Run #2							

Run #	Initial Weight
Run #1	4.8 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00060	0.00060	mg/kg	
100-41-4	Ethylbenzene	< 0.0012	0.0012	mg/kg	
108-88-3	Toluene	< 0.0060	0.0060	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0060	0.0060	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0060	0.0060	mg/kg	
	m,p-Xylene	< 0.0024	0.0024	mg/kg	
95-47-6	o-Xylene	< 0.0012	0.0012	mg/kg	
1330-20-7	Xylene (total)	< 0.0024	0.0024	mg/kg	
	TPH-GRO (C6-C10)	< 0.24	0.24	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	140%		59-143%
2037-26-5	Toluene-D8	100%		52-159%
460-00-4	4-Bromofluorobenzene	103%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BH11@4-5'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-26		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 86.1
<b>Method:</b> SW846 8270E SW846 3570		
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	C0082820.D	1	10/03/25 18:34	ALA	10/03/25 07:30	L:OP28753	L:EC3216
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.00 g	10.0 ml
Run #2		

### COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0023	0.0023	mg/kg	
120-12-7	Anthracene	< 0.0023	0.0023	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0023	0.0023	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0023	0.0023	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0023	0.0023	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0023	0.0023	mg/kg	
218-01-9	Chrysene	< 0.0023	0.0023	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0023	0.0023	mg/kg	
206-44-0	Fluoranthene	< 0.0023	0.0023	mg/kg	
86-73-7	Fluorene	< 0.0023	0.0023	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0023	0.0023	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0023	0.0023	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0023	0.0023	mg/kg	
91-20-3	Naphthalene	< 0.0023	0.0023	mg/kg	
129-00-0	Pyrene	< 0.0023	0.0023	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	96%		50-150%
321-60-8	2-Fluorobiphenyl	95%		50-150%
1718-51-0	Terphenyl-d14	90%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BH11@4-5'		
<b>Lab Sample ID:</b> DA75521-26		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570		<b>Percent Solids:</b> 86.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001377.D	1	10/08/25 22:33	ALA	10/03/25 07:30	L:OP28755	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.6	4.6	mg/kg	
	TPH-ORO (> C28-C36)	< 7.0	7.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	89%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH11@4-5'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-26	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 86.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	1.0	0.065	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	29.6	0.65	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	< 0.032	0.032	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	1.7	0.65	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	2.4	0.16	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	1.6	0.65	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	< 0.13	0.13	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.032	0.032	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	7.7	3.2	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19662

(2) Prep QC Batch: MP43116

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH11@4-5'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-26	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 86.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	86.1		%	1	09/23/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	8.05		su	1	09/29/25 10:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.32	0.010	mmhos/cm	1	10/08/25 15:25	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.48	0.48	mg/kg	1	10/20/25 23:31	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH11@4-5'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-26A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 86.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	28.4	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	4.83	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	36.6	2.5	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30831

(2) Prep QC Batch: L:MP31743

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH11@4-5'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-26A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 86.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	1.67		ratio	1	10/03/25 12:24	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH11@4-5'	
<b>Lab Sample ID:</b> DA75521-26B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 86.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/25/25	09/26/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19668

(2) Prep QC Batch: MP43115

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RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> BH11@6-7'		
<b>Lab Sample ID:</b> DA75521-27		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D		<b>Percent Solids:</b> 96.9
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	2K20131.D	1	10/06/25 22:17	ALA	n/a	n/a	L:V2K4649
Run #2							

Run #	Initial Weight
Run #1	5.1 g
Run #2	

**VOA COGCC Table 915 soil list**

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00051	0.00051	mg/kg	
100-41-4	Ethylbenzene <sup>b</sup>	< 0.0010	0.0010	mg/kg	
108-88-3	Toluene	< 0.0051	0.0051	mg/kg	
95-63-6	1,2,4-Trimethylbenzene <sup>b</sup>	< 0.0051	0.0051	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0051	0.0051	mg/kg	
	m,p-Xylene	< 0.0020	0.0020	mg/kg	
95-47-6	o-Xylene	< 0.0010	0.0010	mg/kg	
1330-20-7	Xylene (total)	< 0.0020	0.0020	mg/kg	
	TPH-GRO (C6-C10)	< 0.20	0.20	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	134%		59-143%
2037-26-5	Toluene-D8	101%		52-159%
460-00-4	4-Bromofluorobenzene	102%		38-183%

(a) Analysis performed at SGS Scott, LA.

(b) Associated CCV outside of control limits high, sample is ND.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BH11@6-7'		
<b>Lab Sample ID:</b> DA75521-27		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 96.9
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	C0082821.D	1	10/03/25 18:54	ALA	10/03/25 07:30	L:OP28753	L:EC3216
Run #2							

	Initial Weight	Final Volume
Run #1	5.01 g	10.0 ml
Run #2		

### COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	94%		50-150%
321-60-8	2-Fluorobiphenyl	92%		50-150%
1718-51-0	Terphenyl-d14	88%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
 E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH11@6-7'	
<b>Lab Sample ID:</b> DA75521-27	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570	<b>Percent Solids:</b> 96.9
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001378.D	1	10/08/25 22:51	ALA	10/03/25 07:30	L:OP28755	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.1	4.1	mg/kg	
	TPH-ORO (> C28-C36)	< 6.2	6.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	89%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BH11@6-7'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-27		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 96.9
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	1.2	0.063	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	34.7	0.63	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	< 0.031	0.031	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	2.0	0.63	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	5.7	0.16	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	1.9	0.63	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	< 0.13	0.13	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.031	0.031	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	7.9	3.1	mg/kg	5	09/23/25	09/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19662

(2) Prep QC Batch: MP43116

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH11@6-7'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-27		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 96.9
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	96.9		%	1	09/23/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	7.31		su	1	09/29/25 10:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.34	0.010	mmhos/cm	1	10/08/25 15:25	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.41	0.41	mg/kg	1	10/20/25 23:55	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH11@6-7'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-27A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 96.9
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	30.3	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	5.19	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	38.7	2.5	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30831

(2) Prep QC Batch: L:MP31743

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH11@6-7'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-27A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 96.9
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	1.71		ratio	1	10/03/25 12:28	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BH11@6-7'	
<b>Lab Sample ID:</b> DA75521-27B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 96.9
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/25/25	09/26/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19668

(2) Prep QC Batch: MP43115

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RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> BKG04@2-3'	
<b>Lab Sample ID:</b> DA75521-28	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D	<b>Percent Solids:</b> 96.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	1Y014817.D	1	10/05/25 01:09	ALA	n/a	n/a	L:V1Y667
Run #2							

Run #	Initial Weight
Run #1	5.5 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00047	0.00047	mg/kg	
100-41-4	Ethylbenzene	< 0.00094	0.00094	mg/kg	
108-88-3	Toluene	< 0.0047	0.0047	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0047	0.0047	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0047	0.0047	mg/kg	
	m,p-Xylene	< 0.0019	0.0019	mg/kg	
95-47-6	o-Xylene	< 0.00094	0.00094	mg/kg	
1330-20-7	Xylene (total)	< 0.0019	0.0019	mg/kg	
	TPH-GRO (C6-C10)	< 0.19	0.19	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	78%		59-143%
2037-26-5	Toluene-D8	103%		52-159%
460-00-4	4-Bromofluorobenzene	101%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BKG04@2-3'		
<b>Lab Sample ID:</b> DA75521-28		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 96.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	C0082822.D	1	10/03/25 19:13	ALA	10/03/25 07:30	L:OP28753	L:EC3216
Run #2							

	Initial Weight	Final Volume
Run #1	5.00 g	10.0 ml
Run #2		

### COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	100%		50-150%
321-60-8	2-Fluorobiphenyl	99%		50-150%
1718-51-0	Terphenyl-d14	92%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BKG04@2-3'	
<b>Lab Sample ID:</b> DA75521-28	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570	<b>Percent Solids:</b> 96.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001379.D	1	10/08/25 23:09	ALA	10/03/25 07:30	L:OP28755	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.1	4.1	mg/kg	
	TPH-ORO (> C28-C36)	< 6.2	6.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	89%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BKG04@2-3'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-28	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 96.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	1.6	0.077	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	50.2	0.77	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.084	0.039	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	4.4	0.77	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	4.8	0.19	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	4.0	0.77	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	< 0.15	0.15	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.039	0.039	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	15.8	3.9	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19662

(2) Prep QC Batch: MP43118

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG04@2-3'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-28	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 96.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	96.7		%	1	09/23/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	9.25		su	1	09/29/25 10:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.21	0.010	mmhos/cm	1	10/08/25 15:25	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.43	0.43	mg/kg	1	10/21/25 00:03	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG04@2-3'	
<b>Lab Sample ID:</b> DA75521-28A	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 96.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	46.9	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	7.59	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	5.62	2.5	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30831

(2) Prep QC Batch: L:MP31743

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG04@2-3'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-28A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 96.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.201		ratio	1	10/03/25 12:40	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG04@2-3'	
<b>Lab Sample ID:</b> DA75521-28B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 96.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/24/25	09/25/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19664

(2) Prep QC Batch: MP43117

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG04@4-5'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-29		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 94.7
<b>Method:</b> SW846 8260D		
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	2K20071.D	1	10/05/25 05:56	ALA	n/a	n/a	L:V2K4647
Run #2							

Run #	Initial Weight
Run #1	4.6 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00057	0.00057	mg/kg	
100-41-4	Ethylbenzene	< 0.0011	0.0011	mg/kg	
108-88-3	Toluene	< 0.0057	0.0057	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0057	0.0057	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0057	0.0057	mg/kg	
	m,p-Xylene	< 0.0023	0.0023	mg/kg	
95-47-6	o-Xylene	< 0.0011	0.0011	mg/kg	
1330-20-7	Xylene (total)	< 0.0023	0.0023	mg/kg	
	TPH-GRO (C6-C10)	< 0.23	0.23	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	140%		59-143%
2037-26-5	Toluene-D8	100%		52-159%
460-00-4	4-Bromofluorobenzene	102%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BKG04@4-5'		
<b>Lab Sample ID:</b> DA75521-29		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 94.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	C0082823.D	1	10/03/25 19:33	ALA	10/03/25 07:30	L:OP28753	L:EC3216
Run #2							

	Initial Weight	Final Volume
Run #1	5.00 g	10.0 ml
Run #2		

### COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	96%		50-150%
321-60-8	2-Fluorobiphenyl	96%		50-150%
1718-51-0	Terphenyl-d14	89%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BKG04@4-5'	
<b>Lab Sample ID:</b> DA75521-29	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570	<b>Percent Solids:</b> 94.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001380.D	1	10/08/25 23:27	ALA	10/03/25 07:30	L:OP28755	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.2	4.2	mg/kg	
	TPH-ORO (> C28-C36)	< 6.3	6.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	88%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BKG04@4-5'	
<b>Lab Sample ID:</b> DA75521-29	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 94.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

## Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	1.8	0.070	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	71.4	0.70	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.12	0.035	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	6.6	0.70	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	6.2	0.18	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	5.1	0.70	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	< 0.14	0.14	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.035	0.035	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	20.1	3.5	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19662

(2) Prep QC Batch: MP43118

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG04@4-5'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-29	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 94.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	94.7		%	1	09/23/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	7.62		su	1	09/29/25 10:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.28	0.010	mmhos/cm	1	10/08/25 15:25	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.43	0.43	mg/kg	1	10/21/25 00:19	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG04@4-5'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-29A	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 94.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	43.3	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	6.50	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	12.6	2.5	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30831

(2) Prep QC Batch: L:MP31743

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG04@4-5'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-29A	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 94.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.472		ratio	1	10/03/25 12:44	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG04@4-5'	
<b>Lab Sample ID:</b> DA75521-29B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 94.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/24/25	09/25/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19664

(2) Prep QC Batch: MP43117

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RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> BKG04@6-7'		
<b>Lab Sample ID:</b> DA75521-30		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D		<b>Percent Solids:</b> 96.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	2K20072.D	1	10/05/25 06:20	ALA	n/a	n/a	L:V2K4647
Run #2							

Run #	Initial Weight
Run #1	5.0 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00052	0.00052	mg/kg	
100-41-4	Ethylbenzene	< 0.0010	0.0010	mg/kg	
108-88-3	Toluene	< 0.0052	0.0052	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0052	0.0052	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0052	0.0052	mg/kg	
	m,p-Xylene	< 0.0021	0.0021	mg/kg	
95-47-6	o-Xylene	< 0.0010	0.0010	mg/kg	
1330-20-7	Xylene (total)	< 0.0021	0.0021	mg/kg	
	TPH-GRO (C6-C10)	< 0.21	0.21	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	141%		59-143%
2037-26-5	Toluene-D8	100%		52-159%
460-00-4	4-Bromofluorobenzene	102%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BKG04@6-7'		
<b>Lab Sample ID:</b> DA75521-30		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 96.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	C0082824.D	1	10/03/25 19:52	ALA	10/03/25 07:30	L:OP28753	L:EC3216
Run #2							

	Initial Weight	Final Volume
Run #1	5.00 g	10.0 ml
Run #2		

## COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	96%		50-150%
321-60-8	2-Fluorobiphenyl	94%		50-150%
1718-51-0	Terphenyl-d14	89%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BKG04@6-7'	
<b>Lab Sample ID:</b> DA75521-30	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570	<b>Percent Solids:</b> 96.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001381.D	1	10/08/25 23:44	ALA	10/03/25 07:30	L:OP28755	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.1	4.1	mg/kg	
	TPH-ORO (> C28-C36)	< 6.2	6.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	90%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BKG04@6-7'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-30	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 96.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

## Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	1.8	0.080	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	61.2	0.80	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.11	0.040	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	5.1	0.80	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	5.6	0.20	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	4.8	0.80	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	< 0.16	0.16	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.040	0.040	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	17.8	4.0	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19662

(2) Prep QC Batch: MP43118

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG04@6-7'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-30	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 96.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	96.4		%	1	09/23/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	9.32		su	1	09/29/25 10:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.32	0.010	mmhos/cm	1	10/08/25 15:25	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.40	0.40	mg/kg	1	10/21/25 00:43	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG04@6-7'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-30A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 96.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	40.7	0.50	mg/l	5	09/29/25	10/03/25	ALA SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	7.08	0.50	mg/l	5	09/29/25	10/03/25	ALA SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	15.6	2.5	mg/l	5	09/29/25	10/03/25	ALA SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30831

(2) Prep QC Batch: L:MP31743

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG04@6-7'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-30A	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 96.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.593		ratio	1	10/03/25 12:48	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG04@6-7'	
<b>Lab Sample ID:</b> DA75521-30B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 96.4
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/24/25	09/25/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19664

(2) Prep QC Batch: MP43117

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RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> BKG05@2-3'		
<b>Lab Sample ID:</b> DA75521-31		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D		<b>Percent Solids:</b> 94.6
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	2K20073.D	1	10/05/25 06:44	ALA	n/a	n/a	L:V2K4647
Run #2							

Run #	Initial Weight
Run #1	5.3 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00050	0.00050	mg/kg	
100-41-4	Ethylbenzene	< 0.0010	0.0010	mg/kg	
108-88-3	Toluene	< 0.0050	0.0050	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0050	0.0050	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0050	0.0050	mg/kg	
	m,p-Xylene	< 0.0020	0.0020	mg/kg	
95-47-6	o-Xylene	< 0.0010	0.0010	mg/kg	
1330-20-7	Xylene (total)	< 0.0020	0.0020	mg/kg	
	TPH-GRO (C6-C10)	< 0.20	0.20	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	141%		59-143%
2037-26-5	Toluene-D8	101%		52-159%
460-00-4	4-Bromofluorobenzene	103%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BKG05@2-3'		
<b>Lab Sample ID:</b> DA75521-31		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 94.6
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	C0082825.D	1	10/03/25 20:12	ALA	10/03/25 07:30	L:OP28753	L:EC3216
Run #2							

	Initial Weight	Final Volume
Run #1	5.00 g	10.0 ml
Run #2		

### COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	97%		50-150%
321-60-8	2-Fluorobiphenyl	97%		50-150%
1718-51-0	Terphenyl-d14	89%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BKG05@2-3'		
<b>Lab Sample ID:</b> DA75521-31		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570		<b>Percent Solids:</b> 94.6
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001382.D	1	10/09/25 00:02	ALA	10/03/25 07:30	L:OP28755	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.2	4.2	mg/kg	
	TPH-ORO (> C28-C36)	< 6.3	6.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	88%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BKG05@2-3'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-31	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 94.6
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	1.9	0.076	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	77.6	0.76	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.13	0.038	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	7.3	0.76	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	7.1	0.19	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	6.2	0.76	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	< 0.15	0.15	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.038	0.038	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	23.4	3.8	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19662

(2) Prep QC Batch: MP43118

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG05@2-3'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-31	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 94.6
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	94.6		%	1	09/23/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	7.62		su	1	09/29/25 10:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.55	0.010	mmhos/cm	1	10/08/25 15:25	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.43	0.43	mg/kg	1	10/21/25 00:50	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG05@2-3'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-31A	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 94.6
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	66.2	0.50	mg/l	5	09/29/25	10/03/25	ALA SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	11.0	0.50	mg/l	5	09/29/25	10/03/25	ALA SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	16.7	2.5	mg/l	5	09/29/25	10/03/25	ALA SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30831

(2) Prep QC Batch: L:MP31743

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG05@2-3'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-31A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 94.6
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.500		ratio	1	10/03/25 12:52	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG05@2-3'	
<b>Lab Sample ID:</b> DA75521-31B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 94.6
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/24/25	09/25/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19664

(2) Prep QC Batch: MP43117

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG05@4-5'	
<b>Lab Sample ID:</b> DA75521-32	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D	<b>Percent Solids:</b> 96.3
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	2K20074.D	1	10/05/25 07:08	ALA	n/a	n/a	L:V2K4647
Run #2							

Run #	Initial Weight
Run #1	5.3 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00049	0.00049	mg/kg	
100-41-4	Ethylbenzene	< 0.00098	0.00098	mg/kg	
108-88-3	Toluene	< 0.0049	0.0049	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0049	0.0049	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0049	0.0049	mg/kg	
	m,p-Xylene	< 0.0020	0.0020	mg/kg	
95-47-6	o-Xylene	< 0.00098	0.00098	mg/kg	
1330-20-7	Xylene (total)	< 0.0020	0.0020	mg/kg	
	TPH-GRO (C6-C10)	< 0.20	0.20	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	132%		59-143%
2037-26-5	Toluene-D8	101%		52-159%
460-00-4	4-Bromofluorobenzene	101%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BKG05@4-5'		
<b>Lab Sample ID:</b> DA75521-32		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 96.3
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	C0082826.D	1	10/03/25 20:31	ALA	10/03/25 07:30	L:OP28753	L:EC3216
Run #2							

	Initial Weight	Final Volume
Run #1	5.00 g	10.0 ml
Run #2		

### COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	101%		50-150%
321-60-8	2-Fluorobiphenyl	102%		50-150%
1718-51-0	Terphenyl-d14	96%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BKG05@4-5'		
<b>Lab Sample ID:</b> DA75521-32		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570		<b>Percent Solids:</b> 96.3
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001383.D	1	10/09/25 00:20	ALA	10/03/25 07:30	L:OP28755	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.2	4.2	mg/kg	
	TPH-ORO (> C28-C36)	< 6.2	6.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	89%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BKG05@4-5'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-32		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 96.3
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

**Metals Analysis**

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	1.6	0.069	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	51.9	0.69	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.093	0.034	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	4.8	0.69	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	5.2	0.17	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	4.0	0.69	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	< 0.14	0.14	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.034	0.034	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	15.8	3.4	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19662

(2) Prep QC Batch: MP43118

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG05@4-5'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-32	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 96.3
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	96.3		%	1	09/23/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	7.55		su	1	09/29/25 10:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.38	0.010	mmhos/cm	1	10/08/25 15:25	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.42	0.42	mg/kg	1	10/21/25 01:06	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> BKG05@4-5'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-32A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 96.3
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

## SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	45.6	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	8.74	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	16.9	2.5	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30831

(2) Prep QC Batch: L:MP31743

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG05@4-5'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-32A	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 96.3
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.600		ratio	1	10/03/25 12:56	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG05@4-5'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-32B		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 96.3
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/24/25	09/25/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19664

(2) Prep QC Batch: MP43117

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG05@6-7'	
<b>Lab Sample ID:</b> DA75521-33	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D	<b>Percent Solids:</b> 95.9
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	2K20075.D	1	10/05/25 07:32	ALA	n/a	n/a	L:V2K4647
Run #2							

Run #	Initial Weight
Run #1	5.4 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00048	0.00048	mg/kg	
100-41-4	Ethylbenzene	< 0.00097	0.00097	mg/kg	
108-88-3	Toluene	< 0.0048	0.0048	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0048	0.0048	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0048	0.0048	mg/kg	
	m,p-Xylene	< 0.0019	0.0019	mg/kg	
95-47-6	o-Xylene	< 0.00097	0.00097	mg/kg	
1330-20-7	Xylene (total)	< 0.0019	0.0019	mg/kg	
	TPH-GRO (C6-C10)	< 0.19	0.19	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	139%		59-143%
2037-26-5	Toluene-D8	99%		52-159%
460-00-4	4-Bromofluorobenzene	102%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BKG05@6-7'		
<b>Lab Sample ID:</b> DA75521-33		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 95.9
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	C0082827.D	1	10/03/25 20:51	ALA	10/03/25 07:30	L:OP28753	L:EC3216
Run #2							

	Initial Weight	Final Volume
Run #1	5.01 g	10.0 ml
Run #2		

### COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	100%		50-150%
321-60-8	2-Fluorobiphenyl	94%		50-150%
1718-51-0	Terphenyl-d14	91%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BKG05@6-7'	
<b>Lab Sample ID:</b> DA75521-33	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570	<b>Percent Solids:</b> 95.9
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001384.D	1	10/09/25 00:38	ALA	10/03/25 07:30	L:OP28755	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.2	4.2	mg/kg	
	TPH-ORO (> C28-C36)	< 6.3	6.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	88%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BKG05@6-7'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-33	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 95.9
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	2.2	0.064	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	75.2	0.64	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.094	0.032	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	5.3	0.64	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	6.4	0.16	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	4.9	0.64	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	< 0.13	0.13	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.032	0.032	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	20.3	3.2	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19662

(2) Prep QC Batch: MP43118

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG05@6-7'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-33	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 95.9
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	95.9		%	1	09/23/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	8.30		su	1	09/29/25 10:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	2.0	0.010	mmhos/cm	1	10/08/25 15:25	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.42	0.42	mg/kg	1	10/21/25 10:13	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> BKG05@6-7'	
<b>Lab Sample ID:</b> DA75521-33A	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 95.9
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

## SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	238	0.50	mg/l	5	09/29/25	10/03/25	ALA SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	54.8	0.50	mg/l	5	09/29/25	10/03/25	ALA SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	31.5	2.5	mg/l	5	09/29/25	10/03/25	ALA SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30831

(2) Prep QC Batch: L:MP31743

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG05@6-7'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-33A	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 95.9
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.478		ratio	1	10/03/25 13:00	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG05@6-7'	
<b>Lab Sample ID:</b> DA75521-33B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 95.9
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/24/25	09/25/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19664

(2) Prep QC Batch: MP43117

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RL = Reporting Limit

# Report of Analysis

3.100  
3

<b>Client Sample ID:</b> BKG06@2-3'	
<b>Lab Sample ID:</b> DA75521-34	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D	<b>Percent Solids:</b> 94.2
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	1Y014818.D	1	10/05/25 01:33	ALA	n/a	n/a	L:V1Y667
Run #2							

Run #	Initial Weight
Run #1	5.2 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00051	0.00051	mg/kg	
100-41-4	Ethylbenzene	< 0.0010	0.0010	mg/kg	
108-88-3	Toluene	< 0.0051	0.0051	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0051	0.0051	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0051	0.0051	mg/kg	
	m,p-Xylene	< 0.0020	0.0020	mg/kg	
95-47-6	o-Xylene	< 0.0010	0.0010	mg/kg	
1330-20-7	Xylene (total)	< 0.0020	0.0020	mg/kg	
	TPH-GRO (C6-C10)	< 0.20	0.20	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	87%		59-143%
2037-26-5	Toluene-D8	100%		52-159%
460-00-4	4-Bromofluorobenzene	100%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BKG06@2-3'		
<b>Lab Sample ID:</b> DA75521-34		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 94.2
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	C0082828.D	1	10/03/25 21:10	ALA	10/03/25 07:30	L:OP28753	L:EC3216
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.00 g	10.0 ml
Run #2		

### COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	99%		50-150%
321-60-8	2-Fluorobiphenyl	98%		50-150%
1718-51-0	Terphenyl-d14	92%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BKG06@2-3'		
<b>Lab Sample ID:</b> DA75521-34		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570		<b>Percent Solids:</b> 94.2
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001385.D	1	10/09/25 00:56	ALA	10/03/25 07:30	L:OP28755	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.2	4.2	mg/kg	
	TPH-ORO (> C28-C36)	< 6.4	6.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	90%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BKG06@2-3'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-34	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 94.2
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	2.0	0.068	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	72.1	0.68	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.13	0.034	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	6.8	0.68	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	7.2	0.17	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	5.9	0.68	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	< 0.14	0.14	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.034	0.034	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	23.1	3.4	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19662

(2) Prep QC Batch: MP43118

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG06@2-3'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-34		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 94.2
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	94.2		%	1	09/23/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	9.78		su	1	09/29/25 11:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.26	0.010	mmhos/cm	1	10/08/25 15:25	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.42	0.42	mg/kg	1	10/21/25 11:58	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG06@2-3'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-34A	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 94.2
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	48.8	0.50	mg/l	5	09/29/25	10/03/25	ALA SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	8.16	0.50	mg/l	5	09/29/25	10/03/25	ALA SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	11.0	2.5	mg/l	5	09/29/25	10/03/25	ALA SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30831

(2) Prep QC Batch: L:MP31743

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG06@2-3'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-34A	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 94.2
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.384		ratio	1	10/03/25 13:03	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG06@2-3'	
<b>Lab Sample ID:</b> DA75521-34B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 94.2
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/24/25	09/25/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19664

(2) Prep QC Batch: MP43117

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG06@4-5'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-35	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 96.1
<b>Method:</b> SW846 8260D	
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	1Y014819.D	1	10/05/25 01:57	ALA	n/a	n/a	L:V1Y667
Run #2							

Run #	Initial Weight
Run #1	4.8 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00054	0.00054	mg/kg	
100-41-4	Ethylbenzene	< 0.0011	0.0011	mg/kg	
108-88-3	Toluene	< 0.0054	0.0054	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0054	0.0054	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0054	0.0054	mg/kg	
	m,p-Xylene	< 0.0022	0.0022	mg/kg	
95-47-6	o-Xylene	< 0.0011	0.0011	mg/kg	
1330-20-7	Xylene (total)	< 0.0022	0.0022	mg/kg	
	TPH-GRO (C6-C10)	< 0.22	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	89%		59-143%
2037-26-5	Toluene-D8	100%		52-159%
460-00-4	4-Bromofluorobenzene	99%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
 E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BKG06@4-5'		
<b>Lab Sample ID:</b> DA75521-35		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 96.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	C0082829.D	1	10/03/25 21:30	ALA	10/03/25 07:30	L:OP28753	L:EC3216
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.01 g	10.0 ml
Run #2		

### COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	105%		50-150%
321-60-8	2-Fluorobiphenyl	106%		50-150%
1718-51-0	Terphenyl-d14	97%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BKG06@4-5'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-35	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 96.1
<b>Method:</b> SW846 8015C SW846 3570	
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001389.D	1	10/09/25 02:08	ALA	10/03/25 07:30	L:OP28755	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.2	4.2	mg/kg	
	TPH-ORO (> C28-C36)	< 6.2	6.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	88%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
 E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BKG06@4-5'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-35	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 96.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

## Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	1.9	0.069	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	78.8	0.69	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.12	0.034	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	5.3	0.69	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	6.0	0.17	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	5.0	0.69	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	0.15	0.14	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.034	0.034	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	18.3	3.4	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19662

(2) Prep QC Batch: MP43118

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG06@4-5'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-35	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 96.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	96.1		%	1	09/23/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	6.93		su	1	09/29/25 11:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.52	0.010	mmhos/cm	1	10/08/25 15:25	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.41	0.41	mg/kg	1	10/21/25 12:23	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG06@4-5'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-35A	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 96.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	52.9	0.50	mg/l	5	09/29/25	10/03/25	ALA SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	10.9	0.50	mg/l	5	09/29/25	10/03/25	ALA SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	33.8	2.5	mg/l	5	09/29/25	10/03/25	ALA SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30831

(2) Prep QC Batch: L:MP31743

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG06@4-5'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-35A	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 96.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	1.10		ratio	1	10/03/25 13:07	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG06@4-5'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-35B	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 96.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/24/25	09/25/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19664

(2) Prep QC Batch: MP43117

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RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> BKG06@6-7'		
<b>Lab Sample ID:</b> DA75521-36		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D		<b>Percent Solids:</b> 92.5
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	1Y014820.D	1	10/05/25 02:21	ALA	n/a	n/a	L:V1Y667
Run #2							

Run #	Initial Weight
Run #1	4.9 g
Run #2	

**VOA COGCC Table 915 soil list**

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00055	0.00055	mg/kg	
100-41-4	Ethylbenzene	< 0.0011	0.0011	mg/kg	
108-88-3	Toluene	< 0.0055	0.0055	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0055	0.0055	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0055	0.0055	mg/kg	
	m,p-Xylene	< 0.0022	0.0022	mg/kg	
95-47-6	o-Xylene	< 0.0011	0.0011	mg/kg	
1330-20-7	Xylene (total)	< 0.0022	0.0022	mg/kg	
	TPH-GRO (C6-C10)	< 0.22	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	90%		59-143%
2037-26-5	Toluene-D8	102%		52-159%
460-00-4	4-Bromofluorobenzene	102%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BKG06@6-7'		
<b>Lab Sample ID:</b> DA75521-36		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 92.5
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	C0082830.D	1	10/03/25 21:49	ALA	10/03/25 07:30	L:OP28753	L:EC3216
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.01 g	10.0 ml
Run #2		

### COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	100%		50-150%
321-60-8	2-Fluorobiphenyl	98%		50-150%
1718-51-0	Terphenyl-d14	93%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
 E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BKG06@6-7'	
<b>Lab Sample ID:</b> DA75521-36	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570	<b>Percent Solids:</b> 92.5
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001390.D	1	10/09/25 02:25	ALA	10/03/25 07:30	L:OP28755	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	89%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BKG06@6-7'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-36	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 92.5
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	3.7	0.078	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	142	0.78	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.12	0.039	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	6.5	0.78	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	9.4	0.19	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	8.6	0.78	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	0.17	0.16	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	0.060	0.039	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	27.0	3.9	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19662

(2) Prep QC Batch: MP43118

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG06@6-7'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-36	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 92.5
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	92.5		%	1	09/23/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	7.32		su	1	09/29/25 11:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	1.2	0.010	mmhos/cm	1	10/08/25 15:25	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.44	0.44	mg/kg	1	10/21/25 13:58	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG06@6-7'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-36A	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 92.5
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	144	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	31.4	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	72.4	2.5	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30831

(2) Prep QC Batch: L:MP31743

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG06@6-7'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-36A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 92.5
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	1.42		ratio	1	10/03/25 13:11	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG06@6-7'	
<b>Lab Sample ID:</b> DA75521-36B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 92.5
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/24/25	09/25/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19664

(2) Prep QC Batch: MP43117

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RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> BKG07@2-3'	
<b>Lab Sample ID:</b> DA75521-37	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D	<b>Percent Solids:</b> 93.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	1Y014821.D	1	10/05/25 02:46	ALA	n/a	n/a	L:V1Y667
Run #2							

Run #	Initial Weight
Run #1	5.1 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00052	0.00052	mg/kg	
100-41-4	Ethylbenzene	< 0.0010	0.0010	mg/kg	
108-88-3	Toluene	< 0.0052	0.0052	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0052	0.0052	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0052	0.0052	mg/kg	
	m,p-Xylene	< 0.0021	0.0021	mg/kg	
95-47-6	o-Xylene	< 0.0010	0.0010	mg/kg	
1330-20-7	Xylene (total)	< 0.0021	0.0021	mg/kg	
	TPH-GRO (C6-C10)	< 0.21	0.21	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	93%		59-143%
2037-26-5	Toluene-D8	101%		52-159%
460-00-4	4-Bromofluorobenzene	101%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BKG07@2-3'	
<b>Lab Sample ID:</b> DA75521-37	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8270E SW846 3570	<b>Percent Solids:</b> 93.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	C0082831.D	1	10/03/25 22:09	ALA	10/03/25 07:30	L:OP28753	L:EC3216
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.00 g	10.0 ml
Run #2		

### COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	100%		50-150%
321-60-8	2-Fluorobiphenyl	100%		50-150%
1718-51-0	Terphenyl-d14	93%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BKG07@2-3'	
<b>Lab Sample ID:</b> DA75521-37	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570	<b>Percent Solids:</b> 93.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001391.D	1	10/09/25 02:43	ALA	10/03/25 07:30	L:OP28755	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.3	4.3	mg/kg	
	TPH-ORO (> C28-C36)	< 6.4	6.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	88%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BKG07@2-3'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-37	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 93.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

## Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	2.3	0.067	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	87.9	0.67	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.16	0.034	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	8.7	0.67	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	8.2	0.17	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	7.0	0.67	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	0.14	0.13	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	0.038	0.034	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	26.8	3.4	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19662

(2) Prep QC Batch: MP43118

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG07@2-3'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-37	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 93.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	93.7		%	1	09/23/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	7.59		su	1	09/29/25 11:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.13	0.010	mmhos/cm	1	10/08/25 15:25	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.42	0.42	mg/kg	1	10/21/25 14:21	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG07@2-3'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-37A	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 93.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	192	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	39.7	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	5.15	2.5	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30831

(2) Prep QC Batch: L:MP31743

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG07@2-3'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-37A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 93.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.0883		ratio	1	10/03/25 13:15	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG07@2-3'	
<b>Lab Sample ID:</b> DA75521-37B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 93.7
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/24/25	09/25/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19664

(2) Prep QC Batch: MP43117

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG07@4-5'	
<b>Lab Sample ID:</b> DA75521-38	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D	<b>Percent Solids:</b> 97.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	1Y014822.D	1	10/05/25 03:10	ALA	n/a	n/a	L:V1Y667
Run #2							

	Initial Weight
Run #1	4.7 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00055	0.00055	mg/kg	
100-41-4	Ethylbenzene	< 0.0011	0.0011	mg/kg	
108-88-3	Toluene	< 0.0055	0.0055	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0055	0.0055	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0055	0.0055	mg/kg	
	m,p-Xylene	< 0.0022	0.0022	mg/kg	
95-47-6	o-Xylene	< 0.0011	0.0011	mg/kg	
1330-20-7	Xylene (total)	< 0.0022	0.0022	mg/kg	
	TPH-GRO (C6-C10)	< 0.22	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	89%		59-143%
2037-26-5	Toluene-D8	103%		52-159%
460-00-4	4-Bromofluorobenzene	102%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BKG07@4-5'		
<b>Lab Sample ID:</b> DA75521-38		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 97.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	C0082832.D	1	10/03/25 22:28	ALA	10/03/25 07:30	L:OP28753	L:EC3216
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.00 g	10.0 ml
Run #2		

### COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	101%		50-150%
321-60-8	2-Fluorobiphenyl	103%		50-150%
1718-51-0	Terphenyl-d14	95%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BKG07@4-5'	
<b>Lab Sample ID:</b> DA75521-38	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570	<b>Percent Solids:</b> 97.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001392.D	1	10/09/25 03:01	ALA	10/03/25 07:30	L:OP28755	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.1	4.1	mg/kg	
	TPH-ORO (> C28-C36)	< 6.2	6.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	90%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BKG07@4-5'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-38	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 97.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	1.4	0.060	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	53.8	0.60	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.072	0.030	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	4.0	0.60	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	4.9	0.15	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	3.5	0.60	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	< 0.12	0.12	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.030	0.030	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	14.2	3.0	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19662

(2) Prep QC Batch: MP43118

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG07@4-5'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-38	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 97.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b> Solids, Percent	97		%	1	09/23/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b> pH <sup>a</sup>	9.33		su	1	09/29/25 11:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b> Specific Conductivity <sup>a</sup>	0.60	0.010	mmhos/cm	1	10/08/25 15:25	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.41	0.41	mg/kg	1	10/21/25 14:29	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG07@4-5'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-38A	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 97.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	78.9	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	14.6	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	21.9	2.5	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30831

(2) Prep QC Batch: L:MP31743

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG07@4-5'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-38A	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 97.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.594		ratio	1	10/03/25 13:27	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG07@4-5'	
<b>Lab Sample ID:</b> DA75521-38B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 97.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/24/25	09/25/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19664

(2) Prep QC Batch: MP43117

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RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> BKG07@6-7'	
<b>Lab Sample ID:</b> DA75521-39	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D	<b>Percent Solids:</b> 98.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	2K20124.D	1	10/06/25 19:29	ALA	n/a	n/a	L:V2K4649
Run #2							

Run #	Initial Weight
Run #1	5.2 g
Run #2	

**VOA COGCC Table 915 soil list**

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00049	0.00049	mg/kg	
100-41-4	Ethylbenzene <sup>b</sup>	< 0.00098	0.00098	mg/kg	
108-88-3	Toluene	< 0.0049	0.0049	mg/kg	
95-63-6	1,2,4-Trimethylbenzene <sup>b</sup>	< 0.0049	0.0049	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0049	0.0049	mg/kg	
	m,p-Xylene	< 0.0020	0.0020	mg/kg	
95-47-6	o-Xylene	< 0.00098	0.00098	mg/kg	
1330-20-7	Xylene (total)	< 0.0020	0.0020	mg/kg	
	TPH-GRO (C6-C10)	< 0.20	0.20	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	138%		59-143%
2037-26-5	Toluene-D8	100%		52-159%
460-00-4	4-Bromofluorobenzene	103%		38-183%

(a) Analysis performed at SGS Scott, LA.

(b) Associated CCV outside of control limits high, sample is ND.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BKG07@6-7'	
<b>Lab Sample ID:</b> DA75521-39	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8270E SW846 3570	<b>Percent Solids:</b> 98.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	C0082833.D	1	10/03/25 22:48	ALA	10/03/25 07:30	L:OP28753	L:EC3216
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.00 g	10.0 ml
Run #2		

### COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	102%		50-150%
321-60-8	2-Fluorobiphenyl	103%		50-150%
1718-51-0	Terphenyl-d14	96%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BKG07@6-7'	
<b>Lab Sample ID:</b> DA75521-39	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570	<b>Percent Solids:</b> 98.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001393.D	1	10/09/25 03:19	ALA	10/03/25 07:30	L:OP28755	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.1	4.1	mg/kg	
	TPH-ORO (> C28-C36)	< 6.1	6.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	89%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BKG07@6-7'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-39	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 98.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

## Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	1.3	0.056	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	21.8	0.56	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.067	0.028	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	2.4	0.56	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	2.8	0.14	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	2.2	0.56	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	< 0.11	0.11	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.028	0.028	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	8.8	2.8	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19662

(2) Prep QC Batch: MP43118

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG07@6-7'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-39	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 98.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b> Solids, Percent	98		%	1	09/23/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b> pH <sup>a</sup>	7.55		su	1	09/29/25 11:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b> Specific Conductivity <sup>a</sup>	0.12	0.010	mmhos/cm	1	10/08/25 15:25	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.41	0.41	mg/kg	1	10/21/25 14:45	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG07@6-7'	
<b>Lab Sample ID:</b> DA75521-39A	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 98.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	31.9	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	6.84	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	2.95	2.5	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30831

(2) Prep QC Batch: L:MP31743

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG07@6-7'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-39A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 98.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.124		ratio	1	10/03/25 13:31	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG07@6-7'	
<b>Lab Sample ID:</b> DA75521-39B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 98.0
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/24/25	09/25/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19664

(2) Prep QC Batch: MP43117

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG08@2-3'	
<b>Lab Sample ID:</b> DA75521-40	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D	<b>Percent Solids:</b> 93.6
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	1Y014824.D	1	10/05/25 03:58	ALA	n/a	n/a	L:V1Y667
Run #2							

Run #	Initial Weight
Run #1	4.9 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00055	0.00055	mg/kg	
100-41-4	Ethylbenzene	< 0.0011	0.0011	mg/kg	
108-88-3	Toluene	< 0.0055	0.0055	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0055	0.0055	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0055	0.0055	mg/kg	
	m,p-Xylene	< 0.0022	0.0022	mg/kg	
95-47-6	o-Xylene	< 0.0011	0.0011	mg/kg	
1330-20-7	Xylene (total)	< 0.0022	0.0022	mg/kg	
	TPH-GRO (C6-C10)	< 0.22	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	98%		59-143%
2037-26-5	Toluene-D8	102%		52-159%
460-00-4	4-Bromofluorobenzene	102%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BKG08@2-3'		
<b>Lab Sample ID:</b> DA75521-40		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 93.6
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	C0082834.D	1	10/03/25 23:07	ALA	10/03/25 07:30	L:OP28753	L:EC3216
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.00 g	10.0 ml
Run #2		

### COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	98%		50-150%
321-60-8	2-Fluorobiphenyl	99%		50-150%
1718-51-0	Terphenyl-d14	92%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BKG08@2-3'	
<b>Lab Sample ID:</b> DA75521-40	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570	<b>Percent Solids:</b> 93.6
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001394.D	1	10/09/25 03:37	ALA	10/03/25 07:30	L:OP28755	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.3	4.3	mg/kg	
	TPH-ORO (> C28-C36)	< 6.4	6.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	91%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
 E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BKG08@2-3'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-40	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 93.6
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	2.5	0.079	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	93.6	0.79	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.22	0.039	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	9.4	0.79	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	10.0	0.20	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	7.1	0.79	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	0.21	0.16	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	0.039	0.039	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	30.0	3.9	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19662

(2) Prep QC Batch: MP43118

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG08@2-3'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-40	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 93.6
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	93.6		%	1	09/23/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	7.92		su	1	09/29/25 11:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.32	0.010	mmhos/cm	1	10/08/25 15:25	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.44	0.44	mg/kg	1	10/21/25 15:01	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG08@2-3'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-40A	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 93.6
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	47.8	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	10.5	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	3.53	2.5	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30831

(2) Prep QC Batch: L:MP31743

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG08@2-3'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-40A	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 93.6
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.120		ratio	1	10/03/25 13:35	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG08@2-3'	
<b>Lab Sample ID:</b> DA75521-40B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 93.6
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/24/25	09/25/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19664

(2) Prep QC Batch: MP43117

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RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> BKG08@4-5'		
<b>Lab Sample ID:</b> DA75521-41		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D		<b>Percent Solids:</b> 95.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	1Y014825.D	1	10/05/25 04:22	ALA	n/a	n/a	L:V1Y667
Run #2							

Run #	Initial Weight
Run #1	5.2 g
Run #2	

**VOA COGCC Table 915 soil list**

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00051	0.00051	mg/kg	
100-41-4	Ethylbenzene	< 0.0010	0.0010	mg/kg	
108-88-3	Toluene	< 0.0051	0.0051	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0051	0.0051	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0051	0.0051	mg/kg	
	m,p-Xylene	< 0.0020	0.0020	mg/kg	
95-47-6	o-Xylene	< 0.0010	0.0010	mg/kg	
1330-20-7	Xylene (total)	< 0.0020	0.0020	mg/kg	
	TPH-GRO (C6-C10)	< 0.20	0.20	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	97%		59-143%
2037-26-5	Toluene-D8	99%		52-159%
460-00-4	4-Bromofluorobenzene	100%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BKG08@4-5'		
<b>Lab Sample ID:</b> DA75521-41		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 95.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	C0082835.D	1	10/03/25 23:27	ALA	10/03/25 07:30	L:OP28753	L:EC3216
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.00 g	10.0 ml
Run #2		

### COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	99%		50-150%
321-60-8	2-Fluorobiphenyl	97%		50-150%
1718-51-0	Terphenyl-d14	89%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> BKG08@4-5'	
<b>Lab Sample ID:</b> DA75521-41	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570	<b>Percent Solids:</b> 95.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001395.D	1	10/09/25 03:55	ALA	10/03/25 07:30	L:OP28755	L:GKF33
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.2	4.2	mg/kg	
	TPH-ORO (> C28-C36)	< 6.3	6.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	90%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BKG08@4-5'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-41	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 95.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

## Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	2.1	0.076	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Barium	79.1	0.76	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>2</sup>	SW846 3050B <sup>3</sup>
Cadmium	0.13	0.038	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Copper	6.6	0.76	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Lead	6.8	0.19	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Nickel	6.0	0.76	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Selenium	< 0.15	0.15	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Silver	< 0.038	0.038	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Zinc	21.9	3.8	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>

- (1) Instrument QC Batch: MA19662
- (2) Instrument QC Batch: MA19666
- (3) Prep QC Batch: MP43118

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG08@4-5'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-41	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 95.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	95.1		%	1	09/23/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	8.22		su	1	09/29/25 11:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.29	0.010	mmhos/cm	1	10/08/25 16:15	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.44	0.44	mg/kg	1	10/21/25 15:17	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG08@4-5'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-41A		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 95.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	42.8	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	14.3	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	9.31	2.5	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30830

(2) Prep QC Batch: L:MP31744

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG08@4-5'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-41A	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 95.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.315		ratio	1	10/03/25 11:39	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG08@4-5'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-41B		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 95.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/24/25	09/25/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19664

(2) Prep QC Batch: MP43117

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RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> BKG08@6-7'		
<b>Lab Sample ID:</b> DA75521-42		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8260D		<b>Percent Solids:</b> 94.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	1Y014826.D	1	10/05/25 04:46	ALA	n/a	n/a	L:V1Y667
Run #2							

Run #	Initial Weight
Run #1	5.0 g
Run #2	

**VOA COGCC Table 915 soil list**

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00053	0.00053	mg/kg	
100-41-4	Ethylbenzene	< 0.0011	0.0011	mg/kg	
108-88-3	Toluene	< 0.0053	0.0053	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0053	0.0053	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0053	0.0053	mg/kg	
	m,p-Xylene	< 0.0021	0.0021	mg/kg	
95-47-6	o-Xylene	< 0.0011	0.0011	mg/kg	
1330-20-7	Xylene (total)	< 0.0021	0.0021	mg/kg	
	TPH-GRO (C6-C10)	< 0.21	0.21	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	96%		59-143%
2037-26-5	Toluene-D8	101%		52-159%
460-00-4	4-Bromofluorobenzene	103%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BKG08@6-7'		<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-42		<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 94.1
<b>Method:</b> SW846 8270E SW846 3570		
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	V56543.D	1	10/06/25 18:47	ALA	10/06/25 13:00	L:OP28762	L:EV1838
Run #2							

	Initial Weight	Final Volume
Run #1	5.00 g	10.0 ml
Run #2		

### COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	85%		50-150%
321-60-8	2-Fluorobiphenyl	90%		50-150%
1718-51-0	Terphenyl-d14	82%		50-150%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
 E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BKG08@6-7'		
<b>Lab Sample ID:</b> DA75521-42		<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/22/25
<b>Method:</b> SW846 8015C SW846 3570		<b>Percent Solids:</b> 94.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	KF001412.D	1	10/09/25 10:47	ALA	10/06/25 09:00	L:OP28760	L:GKF34
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.3	4.3	mg/kg	
	TPH-ORO (> C28-C36)	< 6.4	6.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	90%		31-127%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit  
 E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> BKG08@6-7'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-42	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 94.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

## Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	3.1	0.071	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Barium	101	0.71	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>2</sup>	SW846 3050B <sup>3</sup>
Cadmium	0.10	0.035	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Copper	5.9	0.71	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Lead	8.1	0.18	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Nickel	7.5	0.71	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Selenium	0.15	0.14	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Silver	0.038	0.035	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Zinc	23.3	3.5	mg/kg	5	09/23/25	09/25/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>

- (1) Instrument QC Batch: MA19662
- (2) Instrument QC Batch: MA19666
- (3) Prep QC Batch: MP43118

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG08@6-7'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-42	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 94.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	94.1		%	1	09/23/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	9.51		su	1	09/29/25 11:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.33	0.010	mmhos/cm	1	10/08/25 16:15	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.44	0.44	mg/kg	1	10/21/25 15:33	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG08@6-7'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-42A	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 94.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	49.5	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	10.7	0.50	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	11.7	2.5	mg/l	5	09/29/25	10/03/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30830

(2) Prep QC Batch: L:MP31744

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG08@6-7'	<b>Date Sampled:</b> 09/22/25
<b>Lab Sample ID:</b> DA75521-42A	<b>Date Received:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 94.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.393		ratio	1	10/03/25 11:47	ALA	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG08@6-7'	
<b>Lab Sample ID:</b> DA75521-42B	<b>Date Sampled:</b> 09/22/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/22/25
	<b>Percent Solids:</b> 94.1
<b>Project:</b> TASMCOA: Dr Joe CC-64N63W 6SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	09/24/25	09/25/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19664

(2) Prep QC Batch: MP43117

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RL = Reporting Limit

Misc. Forms

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Custody Documents and Other Forms

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Includes the following where applicable:

- Chain of Custody



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

Bottle Order Control #	FED-EX Tracking #
SGS Quote #	SGS Job # <b>DA75521</b>
<b>Requested Analysis (see TEST CODE sheet)</b>	
Metals - 915	VOCs - 915
TPH - 915	PAHs - 915
pH, EC, SAR, boron	TDS, Cl, SO4
Full Table 915-1	Hold
Matrix Codes	
DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge SED - Sediment OL - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB - Field Blank EB - Equipment Blank RB - Rinse Blank D - Dissolved metals PD - Potentially dissolved TR - Total recoverable	
LAB USE ONLY	

<b>Client / Reporting Information</b>		<b>Project Information</b>	
Company: <b>Tasman, Inc.</b>		Project Name: <b>Dr. Joe C. Wainwright 655E</b>	
Street: <b>4725 Independence St.</b>		Check Box if Project Report to Division of Oil and Public Safety (OPS): <input type="checkbox"/>	
City, State ZIP: <b>Wheat Ridge, CO 80033</b>		Billing Information (if different from Report to)	
Project Contact: <b>Eric Vonde</b>		Company: <b>Noble</b>	
Phone: <b>(303) 487-1228</b>		Project #: <b>10016</b>	
Email: <b>evonde@tasman-geo.com</b>		Client Purchase Order #: <b>UWPE-A4404-ABN</b>	
Sampler(s) Name(s): <b>Michaela Reynolds, Cory Campbell</b>		Project Manager: <b>Eric Vonde</b>	
Attention: <b>DAN KERRIM</b>		City, State ZIP:	
Collection		Number of preserved Bottles	
Field ID / Point of Collection	Date	Time	Sampled by
BH0101-2'	9/24/15	1049	MK SD
BH0102-3'		1051	
BH0201-2'		1025	
BH0202-3'		1028	
BH0301-2'	12/5	1101	
BH0302-3'		1258	
BH0401-2'		1101	
BH0402-3'		1104	
BH0501-2'		1115	
BH0502-3'		1119	
BH0604-5'		1154	
BH0606-7'		1158	

<b>Turnaround Time (Business days)</b>	<b>Special Reporting Instructions</b>	<b>Data Deliverable Information</b>	<b>Comments / Special Instructions</b>
<input checked="" type="checkbox"/> 6 Business Days <input type="checkbox"/> 5 Business Days <input type="checkbox"/> 3 Business Days RUSH <input type="checkbox"/> 2 Business Days RUSH <input type="checkbox"/> 1 Business Day EMERGENCY	<input type="checkbox"/> Report in PPB <input type="checkbox"/> Report in PPM <input type="checkbox"/> Report MDLs	<input type="checkbox"/> Commercial "A" (Level 1, Results Only) <input type="checkbox"/> Commercial "B" (Level 2, Results + QC Summary) <input type="checkbox"/> COMMBN (Results/QC/Narrative) <input type="checkbox"/> COMMBN+ (Results/QC/Narrative (+ chromatograms)) <input type="checkbox"/> REDT2 (Results/QC Summary/partial raw data) <input type="checkbox"/> FULT1	<b>**Metals: specify metal(s), method, and type (D, PD, TR)</b>

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

Relinquished by Sampler/Affiliation: 1 <b>Michaela Reynolds</b>	Date/Time: <b>9/22/2015/1430</b>	Received By/Affiliation: 1 <b>[Signature]</b>	Date/Time:	Received By/Affiliation: 2
Relinquished by Sampler/Affiliation: 3	Date/Time:	Received By/Affiliation: 3	Date/Time:	Received By/Affiliation: 4

Custody Seal #: Intact  Not Intact  Absent  Preserved where applicable  Cooler Temp. °C (corrected): **3.1** Therm. ID: **TD** On Ice

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





# 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 # <b>DA75521</b>
Requested Analysis (see TEST CODE sheet)	
Metal - 915	Hold
VOCs - 915	
TPH - 915	
PAHs - 915	
pH, EC, SAR, boron	
TDS, Cl, SO4	
Full Table 915-1	
	LAB USE ONLY

Client / Reporting Information		Project Information	
Company: <b>Tasman, Inc.</b>		Project Name: <b>Dr. Joe C. - WIN 10310 WSESE</b>	
Street: <b>4725 Independence St.</b>		Check Box if Project Report to Division of Oil and Public Safety (OPS): <input type="checkbox"/>	
City, State ZIP: <b>Wheat Ridge, CO 80033</b>		Billing Information (if different from Report to)	
Project Contact: <b>Eric Vonde</b>		Company: <b>NONE</b>	
Phone: <b>(303) 487-1228</b>		Street Address:	
Email: <b>evonde@tasmangeo.com</b>		City, State ZIP:	
Client Purchase Order #: <b>WWRWE-14440-MAN</b>		Attention: <b>KAN KETEVIAN</b>	
Sampler(s) Name(s): <b>Wickenburg Keyway, City Camped</b>		Project Manager: <b>Eric Vonde</b>	

Field ID / Point of Collection	Date	Time	Sampled by	Matrix	# of bottles	Number of preserved bottles																
						NONE	HCl	NaOH	HNO3	H2SO4	Dil Water	MeOH	ENCORE	N2S2O3	Na2S2O3							
BH0702-3'	7/14/15	1315	MK	SO	3	X																
BH0704-5'		1329																				
BH0706-7'		1332																				
BH0802-3'		1217																				
BH0804-5'		1222																				
BH0806-7'		1224																				
BH0902-3'		1236																				
BH0904-5'		1241																				
BH0906-7'		1244																				
BH1002-3'		1307																				
BH1004-5'		1312																				
BH1006-7'		1315																				

Turnaround Time (Business days)	Special Reporting Instructions	Data Deliverable Information	Comments / Special Instructions
<input checked="" type="checkbox"/> 10 Business Days <input type="checkbox"/> 5 Business Days <input type="checkbox"/> 3 Business Days RUSH <input type="checkbox"/> 2 Business Days RUSH <input type="checkbox"/> 1 Business Day EMERGENCY	<input type="checkbox"/> Report in PPB <input type="checkbox"/> Report in PPM <input type="checkbox"/> Report MDLs	<input type="checkbox"/> Commercial "A" (Level 1, Results Only) <input type="checkbox"/> Commercial "B" (Level 2, Results + QC Summary) <input type="checkbox"/> COMMBN (Results/QC/Narrative) <input type="checkbox"/> COMMBN+ (Results/QC/Narrative (+ chromatograms)) <input type="checkbox"/> REDT2 (Results/QC Summary/partial raw data) <input type="checkbox"/> FULT1 <input checked="" type="checkbox"/> EDD Format, Tasman	<b>**Metals: specify metal(s), method, and type (D, PD, TR)</b>

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

Relinquished by/Affiliation: 1 <i>[Signature]</i>	Date/Time: 9/22/2015 / 1430	Received By/Affiliation: 1 <i>[Signature]</i>	Relinquished By/Affiliation: 2	Date/Time:	Received By/Affiliation: 2
Relinquished by/Affiliation: 3	Date/Time:	Received By/Affiliation: 3	Relinquished By/Affiliation: 4	Date/Time:	Received By/Affiliation: 4
Custody Seal #:	Intact <input type="checkbox"/> Not intact <input type="checkbox"/> Absent <input type="checkbox"/>	Preserved where applicable <input type="checkbox"/>	Cooler Temp. °C (corrected): <u>3</u>	Therm. ID: <u>1424</u>	On Ice <input type="checkbox"/>

<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/ehsusua

Bottle Order Control #	FED-EX Tracking #
SGS Quote #	SGS Job # <u>DA7521</u>
<b>Requested Analysis (see TEST CODE sheet)</b>	
Metals - 915	VOCs - 915
TPH - 915	PAHs - 915
pH, EC, SAR, boron	TDS, Cl, SO4
Full Table 915-1	Hold
LAB USE ONLY	

<b>Client / Reporting Information</b>		<b>Project Information</b>	
Company: <b>Tasman, Inc.</b>		Project Name: <u>Dr. Joe C-1011602W USESE</u>	
Street: <u>4725 Independence St.</u>		Check Box if Project Report to Division of Oil and Public Safety (OPS): <input type="checkbox"/>	
City, State ZIP: <u>Wheat Ridge, CO 80033</u>		Billing Information (if different from Report to)	
Project Contact: <u>Eric Vonde</u>		Company: <u>Noble</u>	
Phone: <u>(303) 487-1228</u>		Project #: <u>10216</u>	
Email: <u>evonde@tasman-sgs.com</u>		Client Purchase Order #: <u>UWBE-14040-ABN</u>	
Sampler(s) Name(s): <u>Van Peterson, Cory Campbell</u>		Project Manager: <u>Eric Vonde</u>	
Attention: <u>Van Peterson</u>		City, State ZIP:	
Collection		Number of preserved bottles	
Field ID / Point of Collection	Date	Time	Sampled by
<u>BK60732-3'</u>	<u>9/12/2025</u>	<u>1435</u>	<u>ME SD</u>
<u>BK60734-5'</u>		<u>1438</u>	
<u>BK60736-7'</u>		<u>1442</u>	
<u>BK60802-3'</u>		<u>1451</u>	
<u>BK60804-5'</u>		<u>1453</u>	
<u>BK60806-7'</u>		<u>1456</u>	

<b>Turnaround Time (Business days)</b>	<b>Data Deliverable Information</b>	<b>Comments / Special Instructions</b>
<input checked="" type="checkbox"/> 10 Business Days <input type="checkbox"/> 5 Business Days <input type="checkbox"/> 3 Business Days RUSH <input type="checkbox"/> 2 Business Days RUSH <input type="checkbox"/> 1 Business Day EMERGENCY	<input type="checkbox"/> Commercial "A" (Level 1, Results Only) <input type="checkbox"/> Commercial "B" (Level 2, Results + QC Summary) <input type="checkbox"/> COMMBN (Results/QC/Narrative) <input type="checkbox"/> COMMBN+ (Results/QC/Narrative (+ chromatograms)) <input type="checkbox"/> REDT2 (Results/QC Summary/partial raw data) <input type="checkbox"/> FULT1 <input checked="" type="checkbox"/> EDD Format, Tasman	<b>**Metals: specify metal(s), method, and type (D, PD, TR)</b>

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

Relinquished by Sampler/Affiliation: <u>[Signature]</u>	Date/Time: <u>9/12/2025/1430</u>	Received By/Affiliation: <u>[Signature]</u>	Date/Time: <u>[Signature]</u>
Relinquished by Sampler/Affiliation: <u>3</u>	Date/Time:	Received By/Affiliation: <u>4</u>	Date/Time:

Custody Seal #: Intact  Not intact  Absent  Preserved where applicable  Cooler Temp. °C (corrected): 32 Therm ID: 10 On Ice

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



## SGS Sample Receipt Summary

Job Number: da75521

Client: TASMAN

Project: DR. JOE CL-64N63W 65ESE

Date / Time Received: 9/22/2025 2:30:00 PM

Delivery Method: hd

Airbill #'s: \_\_\_\_\_

Cooler Temps (Raw Measured) °C: Cooler 1: (3.5);

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

**Cooler Informatio**

Y or N

- 1. Custody Seals Present:
- 2. Custody Seals Intact:
- 3. Temp criteria achieved:
- 4. Cooler temp verification: IR Gun
- 5. Cooler media: Ice (Bag)

**Trip Blank Information**

Y or N N/A

- 1. Trip Blank present / cooler:
- 2. Trip Blank listed on COC:

W or S N/A

- 3. Type of TB Received

**Sample Information**

Y or N N/A

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

**Misc Information**

Number of Encores: 25 Gram 5 Gram Number of Lab Filtered Metals  
 Test Strip Lot #: pH 0-3: \_\_\_\_\_ pH 10-12: \_\_\_\_\_ Other: (Specify) \_\_\_\_\_  
 Residual Chlorine Test Strip Lot \_\_\_\_\_

Comments

SM001

Rev. Date 05/04/17

Technician: JADENC

Date: 9/22/2025 4:58:03 PM

Reviewer: \_\_\_\_\_

Date: \_\_\_\_\_

**DA75521: Chain of Custody**

Page 5 of 5

4.1  
4

## Metals Analysis

### QC Data Summaries

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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: DA75521  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43113  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 09/24/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	500	230	75		
Antimony	150	70	34		
Arsenic	130	110	23		
Barium	50	1.5	6.5		
Beryllium	50	5	6.5		
Boron	250	17	32	-1.0	<250
Cadmium	50	9.5	6.5		
Calcium	2000	33	250		
Chromium	50	5.5	6.5		
Cobalt	25	14	3.2		
Copper	50	23	6.5		
Iron	350	45	60		
Lead	250	67	32		
Lithium	25	3	6.5		
Magnesium	1000	250	130		
Manganese	25	2.5	3.2		
Molybdenum	50	43	14		
Nickel	150	31	19		
Phosphorus	500	460	80		
Potassium	5000	420	630		
Selenium	250	150	110		
Silicon	1000	210	750		
Silver	150	3	19		
Sodium	2000	63	250		
Strontium	25	.5	3.2		
Thallium	50	85	22		
Tin	300	210	260		
Titanium	50	2.5	6.5		
Uranium	250	20	43		
Vanadium	50	4.5	6.5		
Zinc	150	45	19		

Associated samples MP43113: DA75521-1B, DA75521-2B, DA75521-3B, DA75521-4B, DA75521-5B, DA75521-6B, DA75521-7B

Results < IDL are shown as zero for calculation purposes

5.1.1  
5

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: DA75521  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

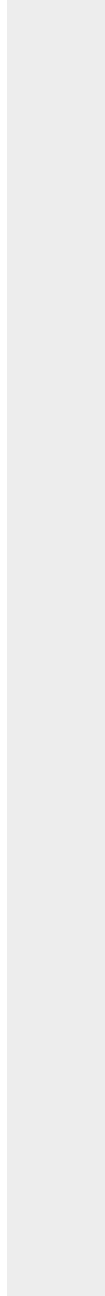
QC Batch ID: MP43113  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 09/24/25

Metal	RL	IDL	MDL	MB	
				raw	final

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



5.1.1  
5

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA75521  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43113  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 09/24/25 09/24/25

Metal	DA75521-7B Original	DUP	RPD	QC Limits	DA75521-7B Original MS	Spikelot ICPALL6	% Rec	QC Limits	
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Boron	264	254	3.9	0-20	264	10700	10000	104.4	75-125
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Lithium									
Magnesium									
Manganese									
Molybdenum									
Nickel									
Phosphorus									
Potassium									
Selenium									
Silicon									
Silver									
Sodium									
Strontium									
Thallium									
Tin									
Titanium									
Uranium									
Vanadium									
Zinc									

Associated samples MP43113: DA75521-1B, DA75521-2B, DA75521-3B, DA75521-4B, DA75521-5B, DA75521-6B, DA75521-7B

Results < IDL are shown as zero for calculation purposes

5.1.2  
5

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA75521  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Dr Joe CC-64N63W 6SESE

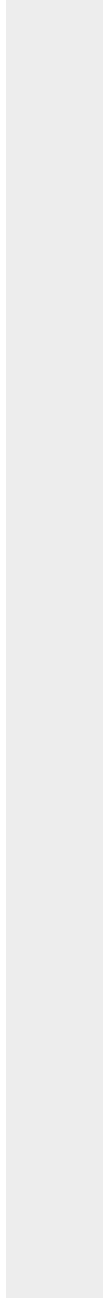
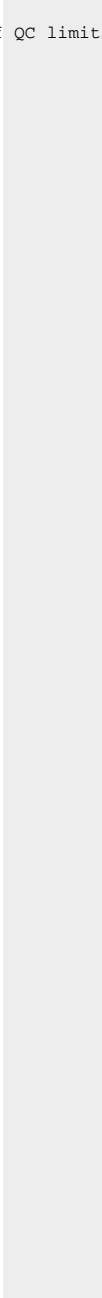
QC Batch ID: MP43113  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 09/24/25 09/24/25

Metal	DA75521-7B Original DUP	RPD	QC Limits	DA75521-7B Original MS	Spikelot ICPALL6	% Rec	QC Limits
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(\* ) Outside of QC limits  
 (N) Matrix Spike Rec. outside of QC limits  
 (anr) Analyte not requested



5.1.2  
5

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA75521  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43113  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 09/24/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	9450	10000	94.5	80-120
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP43113: DA75521-1B, DA75521-2B, DA75521-3B, DA75521-4B, DA75521-5B, DA75521-6B, DA75521-7B

Results < IDL are shown as zero for calculation purposes

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA75521  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

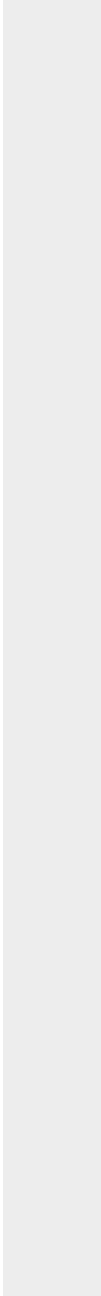
QC Batch ID: MP43113  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 09/24/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
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(\*) Outside of QC limits  
(anr) Analyte not requested



5.1.3  
5

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA75521  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43113  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 09/24/25

Metal	DA75521-7B Original	SDL 1:5	%DIF	QC Limits
-------	------------------------	---------	------	--------------

Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	52.8	45.6	13.6 (a)	0-10
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP43113: DA75521-1B, DA75521-2B, DA75521-3B, DA75521-4B, DA75521-5B, DA75521-6B, DA75521-7B

Results < IDL are shown as zero for calculation purposes

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA75521  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43113  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 09/24/25

Metal	DA75521-7B Original SDL 1:5	%DIF	QC Limits
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(\*) Outside of QC limits  
(anr) Analyte not requested  
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

5.1.4  
5

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: DA75521  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43114  
Matrix Type: SOLID

Methods: SW846 6020B  
Units: mg/kg

Prep Date: 09/23/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	.52	5		
Antimony	0.40	.01	.05		
Arsenic	0.20	.05	.05	0.035	<0.20
Barium	2.0	.096	.24	0.056	<2.0
Beryllium	0.20	.077	.04		
Boron	40	18	10		
Cadmium	0.10	.03	.04	0.017	<0.10
Calcium	400	25	30		
Chromium	2.0	.087	.6		
Cobalt	0.20	.04	.025		
Copper	2.0	.05	.25	0.37	<2.0
Iron	20	1.6	15		
Lead	0.50	.094	.2	0.039	<0.50
Magnesium	100	10	10		
Manganese	1.0	.079	.2		
Molybdenum	1.0	.037	.27		
Nickel	2.0	.098	.2	-0.71	<2.0
Phosphorus	60	7.6	25		
Potassium	200	2	25		
Selenium	0.10	.05	.05	0.033	<0.10
Silver	0.10	.0081	.03	0.0061	<0.10
Sodium	500	10	30		
Strontium	20	.1	1		
Thallium	0.20	.032	.04		
Tin	10	.22	4		
Titanium	2.0	.05	.3		
Uranium	0.20	.015	.1		
Vanadium	1.0	.14	.2		
Zinc	10	.05	1	0.083	<10

Associated samples MP43114: DA75521-1, DA75521-2, DA75521-3, DA75521-4, DA75521-5, DA75521-6, DA75521-7

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: DA75521  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43114  
 Matrix Type: SOLID

Methods: SW846 6020B  
 Units: mg/kg

Prep Date: 09/23/25

Metal	DA75515-13 Original MS		Spike/lot ICPMS6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	3.2	91.4	92.4	95.4	75-125
Barium	138	327	185	102.2	75-125
Beryllium					
Boron					
Cadmium	0.24	47.7	46.2	102.7	75-125
Calcium					
Chromium					
Cobalt					
Copper	6.2	50.7	46.2	96.3	75-125
Iron					
Lead	6.8	102	92.4	103.0	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel	7.2	52.5	46.2	98.0	75-125
Phosphorus					
Potassium					
Selenium	0.28	87.9	92.4	94.8	75-125
Silver	0.025	18.9	18.5	102.1	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	26.4	79.6	46.2	115.1	75-125

Associated samples MP43114: DA75521-1, DA75521-2, DA75521-3, DA75521-4, DA75521-5, DA75521-6, DA75521-7

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

5.2.2  
5

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA75521  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43114  
 Matrix Type: SOLID

Methods: SW846 6020B  
 Units: mg/kg

Prep Date: 09/23/25

Metal	DA75515-13 Original MSD		Spike lot ICPMS6 % Rec		MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	3.2	95.0	94.9	96.7	3.9	20
Barium	138	341	190	106.9	4.2	20
Beryllium						
Boron						
Cadmium	0.24	49.9	47.5	104.6	4.5	20
Calcium						
Chromium						
Cobalt						
Copper	6.2	52.7	47.5	98.0	3.9	20
Iron						
Lead	6.8	105	94.9	103.4	2.9	20
Magnesium						
Manganese						
Molybdenum						
Nickel	7.2	53.9	47.5	98.4	2.6	20
Phosphorus						
Potassium						
Selenium	0.28	92.3	94.9	96.9	4.9	20
Silver	0.025	19.8	19	104.2	4.7	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc	26.4	76.4	47.5	105.3	4.1	20

Associated samples MP43114: DA75521-1, DA75521-2, DA75521-3, DA75521-4, DA75521-5, DA75521-6, DA75521-7

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

5.2.2  
5

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA75521  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43114  
 Matrix Type: SOLID

Methods: SW846 6020B  
 Units: mg/kg

Prep Date: 09/23/25

Metal	BSP Result	Spikelot ICPMS6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	102	100	102.0	80-120
Barium	201	200	100.5	80-120
Beryllium				
Boron				
Cadmium	52.6	50	105.2	80-120
Calcium				
Chromium				
Cobalt				
Copper	51.9	50	103.8	80-120
Iron				
Lead	104	100	104.0	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel	50.6	50	101.2	80-120
Phosphorus				
Potassium				
Selenium	103	100	103.0	80-120
Silver	20.8	20	104.0	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	50.7	50	101.4	80-120

Associated samples MP43114: DA75521-1, DA75521-2, DA75521-3, DA75521-4, DA75521-5, DA75521-6, DA75521-7

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA75521  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43114  
 Matrix Type: SOLID

Methods: SW846 6020B  
 Units: ug/l

Prep Date: 09/23/25

Metal	DA75515-13 Original SDL 10:50%DIF		QC Limits	
Aluminum				
Antimony				
Arsenic	48.6	54.3	11.6	0-20
Barium	2090	2120	1.5	0-20
Beryllium				
Boron				
Cadmium	3.59	3.19	11.2	0-20
Calcium				
Chromium				
Cobalt				
Copper	93.6	102	8.7	0-20
Iron				
Lead	103	102	0.4	0-20
Magnesium				
Manganese				
Molybdenum				
Nickel	110	87.3	20.6*(a)	0-20
Phosphorus				
Potassium				
Selenium	4.28	4.04	5.6	0-20
Silver	0.383	0.415	8.5	0-20
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	401	441	9.8	0-20

Associated samples MP43114: DA75521-1, DA75521-2, DA75521-3, DA75521-4, DA75521-5, DA75521-6, DA75521-7

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (anr) Analyte not requested  
 (a) Serial dilution indicates possible matrix interference.

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: DA75521  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43115  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 09/25/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	500	9.9	75		
Antimony	150	30	34		
Arsenic	130	11	23		
Barium	50	.95	6.5		
Beryllium	50	.5	6.5		
Boron	250	6.3	32	3.5	<250
Cadmium	50	1.1	6.5		
Calcium	2000	28	250		
Chromium	50	3.4	6.5		
Cobalt	25	4.1	3.2		
Copper	50	2.5	6.5		
Iron	350	9.3	60		
Lead	250	21	32		
Lithium	25	10	6.5		
Magnesium	1000	35	130		
Manganese	25	.85	3.2		
Molybdenum	50	13	14		
Nickel	150	5.7	19		
Phosphorus	500	58	80		
Potassium	5000	180	630		
Selenium	250	46	110		
Silicon	1000	210	750		
Silver	150	2.8	19		
Sodium	2000	43	250		
Strontium	25	.5	3.2		
Thallium	50	30	22		
Tin	300	17	260		
Titanium	50	2.2	6.5		
Uranium	250	57	43		
Vanadium	50	5.2	6.5		
Zinc	150	3.4	19		

Associated samples MP43115: DA75521-8B, DA75521-9B, DA75521-10B, DA75521-11B, DA75521-12B, DA75521-13B, DA75521-14B, DA75521-15B, DA75521-16B, DA75521-17B, DA75521-18B, DA75521-19B, DA75521-20B, DA75521-21B, DA75521-22B, DA75521-23B, DA75521-24B, DA75521-25B, DA75521-26B, DA75521-27B

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: DA75521  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43115  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 09/25/25

Metal	RL	IDL	MDL	MB raw	final
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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: DA75521  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43115  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 09/25/25 09/25/25

Metal	DA75521-27B Original	DUP	RPD	QC Limits	DA75521-27B Original MS	Spikelot ICPALL6	% Rec	QC Limits	
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Boron	21.5	39.0	57.9 (a)	0-20	21.5	10300	10000	102.8	75-125
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Lithium									
Magnesium									
Manganese									
Molybdenum									
Nickel									
Phosphorus									
Potassium									
Selenium									
Silicon									
Silver									
Sodium									
Strontium									
Thallium									
Tin									
Titanium									
Uranium									
Vanadium									
Zinc									

Associated samples MP43115: DA75521-8B, DA75521-9B, DA75521-10B, DA75521-11B, DA75521-12B, DA75521-13B, DA75521-14B, DA75521-15B, DA75521-16B, DA75521-17B, DA75521-18B, DA75521-19B, DA75521-20B, DA75521-21B, DA75521-22B, DA75521-23B, DA75521-24B, DA75521-25B, DA75521-26B, DA75521-27B

5.3.2  
5

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA75521  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43115  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 09/25/25 09/25/25

Metal	DA75521-27B Original DUP	RPD	QC Limits	DA75521-27B Original MS	Spikelot ICPALL6	% Rec	QC Limits
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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) RPD acceptable due to low duplicate and sample concentrations.

5.3.2  
5

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA75521  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43115  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 09/25/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	9380	10000	93.8	80-120
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP43115: DA75521-8B, DA75521-9B, DA75521-10B, DA75521-11B, DA75521-12B, DA75521-13B, DA75521-14B, DA75521-15B, DA75521-16B, DA75521-17B, DA75521-18B, DA75521-19B, DA75521-20B, DA75521-21B, DA75521-22B, DA75521-23B, DA75521-24B, DA75521-25B, DA75521-26B, DA75521-27B

5.3.3  
5

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA75521  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43115  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 09/25/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
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Results < IDL are shown as zero for calculation purposes  
(\* ) Outside of QC limits  
(anr) Analyte not requested

5.3.3  
5

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA75521  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43115  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 09/25/25

Metal	DA75521-27B Original SDL 1:5	%DIF	QC Limits
Aluminum			
Antimony			
Arsenic			
Barium			
Beryllium			
Boron	4.30	0.00	100.0(a) 0-10
Cadmium			
Calcium			
Chromium			
Cobalt			
Copper			
Iron			
Lead			
Lithium			
Magnesium			
Manganese			
Molybdenum			
Nickel			
Phosphorus			
Potassium			
Selenium			
Silicon			
Silver			
Sodium			
Strontium			
Thallium			
Tin			
Titanium			
Uranium			
Vanadium			
Zinc			

Associated samples MP43115: DA75521-8B, DA75521-9B, DA75521-10B, DA75521-11B, DA75521-12B, DA75521-13B, DA75521-14B, DA75521-15B, DA75521-16B, DA75521-17B, DA75521-18B, DA75521-19B, DA75521-20B, DA75521-21B, DA75521-22B, DA75521-23B, DA75521-24B, DA75521-25B, DA75521-26B, DA75521-27B

5.3.4  
5

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA75521  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43115  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 09/25/25

	DA75521-27B		QC
Metal	Original SDL 1:5	%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).

5.3.4  
5

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: DA75521  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43116  
Matrix Type: SOLID

Methods: SW846 6020B  
Units: mg/kg

Prep Date: 09/23/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	25	.26	2.5		
Antimony	0.20	.005	.025		
Arsenic	0.10	.025	.025	0.019	<0.10
Barium	1.0	.048	.12	0.019	<1.0
Beryllium	0.10	.038	.02		
Boron	20	9.1	5		
Cadmium	0.050	.015	.02	0.018	<0.050
Calcium	200	13	15		
Chromium	1.0	.043	.3		
Cobalt	0.10	.02	.013		
Copper	1.0	.025	.13	0.011	<1.0
Iron	10	.8	7.5		
Lead	0.25	.047	.1	0.034	<0.25
Magnesium	50	5	5		
Manganese	0.50	.04	.1		
Molybdenum	0.50	.019	.14		
Nickel	1.0	.049	.1	-0.32	<1.0
Phosphorus	30	3.8	13		
Potassium	100	1	13		
Selenium	0.20	.025	.025	0.026	<0.20
Silver	0.050	.0041	.015	0.0046	<0.050
Sodium	250	5	15		
Strontium	10	.05	.5		
Thallium	0.10	.016	.02		
Tin	5.0	.11	2		
Titanium	1.0	.025	.15		
Uranium	0.10	.0074	.05		
Vanadium	0.50	.071	.1		
Zinc	5.0	.025	.5	0.16	<5.0

Associated samples MP43116: DA75521-8, DA75521-9, DA75521-10, DA75521-11, DA75521-12, DA75521-13, DA75521-14, DA75521-15, DA75521-16, DA75521-17, DA75521-18, DA75521-19, DA75521-20, DA75521-21, DA75521-22, DA75521-23, DA75521-24, DA75521-25, DA75521-26, DA75521-27

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: DA75521  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43116  
 Matrix Type: SOLID

Methods: SW846 6020B  
 Units: mg/kg

Prep Date: 09/23/25

Metal	DA75521-8		SpikeLot		QC
	Original	MS	ICPMS6	% Rec	Limits
Aluminum					
Antimony					
Arsenic	2.8	58.4	64.4	86.3	75-125
Barium	76.7	203	129	98.0	75-125
Beryllium					
Boron					
Cadmium	0.090	32.9	32.2	101.8	75-125
Calcium					
Chromium					
Cobalt					
Copper	4.9	34.0	32.2	90.3	75-125
Iron					
Lead	6.5	71.1	64.4	100.2	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel	5.6	34.1	32.2	88.5	75-125
Phosphorus					
Potassium					
Selenium	0.16	55.9	64.4	86.5	75-125
Silver	0.039	13.1	12.9	101.3	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	19.9	49.8	32.2	92.8	75-125

Associated samples MP43116: DA75521-8, DA75521-9, DA75521-10, DA75521-11, DA75521-12, DA75521-13, DA75521-14, DA75521-15, DA75521-16, DA75521-17, DA75521-18, DA75521-19, DA75521-20, DA75521-21, DA75521-22, DA75521-23, DA75521-24, DA75521-25, DA75521-26, DA75521-27

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: DA75521  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43116  
 Matrix Type: SOLID

Methods: SW846 6020B  
 Units: mg/kg

Prep Date: 09/23/25

Metal	DA75521-8 Original MSD		SpikeLot ICPMS6 % Rec		MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	2.8	68.1	74.3	87.9	15.3	20
Barium	76.7	225	149	99.8	10.3	20
Beryllium						
Boron						
Cadmium	0.090	37.6	37.2	100.9	13.3	20
Calcium						
Chromium						
Cobalt						
Copper	4.9	39.2	37.2	92.3	14.2	20
Iron						
Lead	6.5	80.3	74.3	99.3	12.2	20
Magnesium						
Manganese						
Molybdenum						
Nickel	5.6	38.9	37.2	89.6	13.2	20
Phosphorus						
Potassium						
Selenium	0.16	65.8	74.3	88.3	16.3	20
Silver	0.039	14.9	14.9	100.0	12.9	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc	19.9	54.6	37.2	93.4	9.2	20

Associated samples MP43116: DA75521-8, DA75521-9, DA75521-10, DA75521-11, DA75521-12, DA75521-13, DA75521-14, DA75521-15, DA75521-16, DA75521-17, DA75521-18, DA75521-19, DA75521-20, DA75521-21, DA75521-22, DA75521-23, DA75521-24, DA75521-25, DA75521-26, DA75521-27

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

5.4.2  
5

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA75521  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43116  
 Matrix Type: SOLID

Methods: SW846 6020B  
 Units: mg/kg

Prep Date: 09/23/25

Metal	BSP Result	Spikelot ICPMS6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	97.1	100	97.1	80-120
Barium	193	200	96.5	80-120
Beryllium				
Boron				
Cadmium	50.5	50	101.0	80-120
Calcium				
Chromium				
Cobalt				
Copper	49.3	50	98.6	80-120
Iron				
Lead	101	100	101.0	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel	48.2	50	96.4	80-120
Phosphorus				
Potassium				
Selenium	98.1	100	98.1	80-120
Silver	20.0	20	100.0	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	47.7	50	95.4	80-120

Associated samples MP43116: DA75521-8, DA75521-9, DA75521-10, DA75521-11, DA75521-12, DA75521-13, DA75521-14, DA75521-15, DA75521-16, DA75521-17, DA75521-18, DA75521-19, DA75521-20, DA75521-21, DA75521-22, DA75521-23, DA75521-24, DA75521-25, DA75521-26, DA75521-27

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA75521  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43116  
 Matrix Type: SOLID

Methods: SW846 6020B  
 Units: ug/l

Prep Date: 09/23/25

Metal	DA75521-8 Original SDL 5:25 %DIF		QC Limits
Aluminum			
Antimony			
Arsenic	46.4	51.0	9.7 0-20
Barium	1250	1280	2.5 0-20
Beryllium			
Boron			
Cadmium	1.47	1.29	12.8 0-20
Calcium			
Chromium			
Cobalt			
Copper	80.5	85.8	6.5 0-20
Iron			
Lead	107	106	0.4 0-20
Magnesium			
Manganese			
Molybdenum			
Nickel	92.0	86.5	6.0 0-20
Phosphorus			
Potassium			
Selenium	2.53	2.62	3.4 0-20
Silver	0.636	0.608	4.4 0-20
Sodium			
Strontium			
Thallium			
Tin			
Titanium			
Uranium			
Vanadium			
Zinc	325	358	10.2 0-20

Associated samples MP43116: DA75521-8, DA75521-9, DA75521-10, DA75521-11, DA75521-12, DA75521-13, DA75521-14, DA75521-15, DA75521-16, DA75521-17, DA75521-18, DA75521-19, DA75521-20, DA75521-21, DA75521-22, DA75521-23, DA75521-24, DA75521-25, DA75521-26, DA75521-27

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: DA75521  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43117  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 09/24/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	500	9.9	75		
Antimony	150	30	34		
Arsenic	130	11	23		
Barium	50	.95	6.5		
Beryllium	50	.5	6.5		
Boron	250	6.3	32	-7.0	<250
Cadmium	50	1.1	6.5		
Calcium	2000	28	250		
Chromium	50	3.4	6.5		
Cobalt	25	4.1	3.2		
Copper	50	2.5	6.5		
Iron	350	9.3	60		
Lead	250	21	32		
Lithium	25	10	6.5		
Magnesium	1000	35	130		
Manganese	25	.85	3.2		
Molybdenum	50	13	14		
Nickel	150	5.7	19		
Phosphorus	500	58	80		
Potassium	5000	180	630		
Selenium	250	46	110		
Silicon	1000	210	750		
Silver	150	2.8	19		
Sodium	2000	43	250		
Strontium	25	.5	3.2		
Thallium	50	30	22		
Tin	300	17	260		
Titanium	50	2.2	6.5		
Uranium	250	57	43		
Vanadium	50	5.2	6.5		
Zinc	150	3.4	19		

Associated samples MP43117: DA75521-28B, DA75521-29B, DA75521-30B, DA75521-31B, DA75521-32B, DA75521-33B, DA75521-34B, DA75521-35B, DA75521-36B, DA75521-37B, DA75521-38B, DA75521-39B, DA75521-40B, DA75521-41B, DA75521-42B

5.5.1  
5

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: DA75521  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43117  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 09/24/25

Metal	RL	IDL	MDL	MB raw	final
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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: DA75521  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43117  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 09/24/25 09/24/25

Metal	DA75521-42B Original	DUP	RPD	QC Limits	DA75521-42B Original MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Boron	187	198	5.7	0-20	187	10700	10000	105.1 75-125
Cadmium								
Calcium								
Chromium								
Cobalt								
Copper								
Iron								
Lead								
Lithium								
Magnesium								
Manganese								
Molybdenum								
Nickel								
Phosphorus								
Potassium								
Selenium								
Silicon								
Silver								
Sodium								
Strontium								
Thallium								
Tin								
Titanium								
Uranium								
Vanadium								
Zinc								

Associated samples MP43117: DA75521-28B, DA75521-29B, DA75521-30B, DA75521-31B, DA75521-32B, DA75521-33B, DA75521-34B, DA75521-35B, DA75521-36B, DA75521-37B, DA75521-38B, DA75521-39B, DA75521-40B, DA75521-41B, DA75521-42B

5.5.2  
5

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA75521  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43117  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 09/24/25 09/24/25

Metal	DA75521-42B Original DUP	RPD	QC Limits	DA75521-42B Original MS	Spikelot ICPALL6	% Rec	QC Limits
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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

5.5.2  
5

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA75521  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43117  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 09/24/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	8810	10000	88.1	80-120
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP43117: DA75521-28B, DA75521-29B, DA75521-30B, DA75521-31B, DA75521-32B, DA75521-33B, DA75521-34B, DA75521-35B, DA75521-36B, DA75521-37B, DA75521-38B, DA75521-39B, DA75521-40B, DA75521-41B, DA75521-42B

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA75521  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43117  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 09/24/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
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Results < IDL are shown as zero for calculation purposes  
(\*) Outside of QC limits  
(anr) Analyte not requested

5.5.3  
5

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA75521  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43117  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 09/24/25

Metal	DA75521-42B Original SDL 1:5	%DIF	QC Limits
-------	---------------------------------	------	--------------

Aluminum			
Antimony			
Arsenic			
Barium			
Beryllium			
Boron	37.3	35.6	4.6 0-10
Cadmium			
Calcium			
Chromium			
Cobalt			
Copper			
Iron			
Lead			
Lithium			
Magnesium			
Manganese			
Molybdenum			
Nickel			
Phosphorus			
Potassium			
Selenium			
Silicon			
Silver			
Sodium			
Strontium			
Thallium			
Tin			
Titanium			
Uranium			
Vanadium			
Zinc			

Associated samples MP43117: DA75521-28B, DA75521-29B, DA75521-30B, DA75521-31B, DA75521-32B, DA75521-33B, DA75521-34B, DA75521-35B, DA75521-36B, DA75521-37B, DA75521-38B, DA75521-39B, DA75521-40B, DA75521-41B, DA75521-42B

5.5.4  
5

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA75521  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43117  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 09/24/25

Metal	DA75521-42B	QC
	Original SDL 1:5	%DIF Limits

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

5.5.4  
5

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: DA75521  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43118  
Matrix Type: SOLID

Methods: SW846 6020B  
Units: mg/kg

Prep Date: 09/23/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	25	.26	2.5		
Antimony	0.20	.005	.025		
Arsenic	0.10	.025	.025	0.030	<0.10
Barium	1.0	.048	.12	0.032	<1.0
Beryllium	0.10	.038	.02		
Boron	20	9.1	5		
Cadmium	0.050	.015	.02	0.015	<0.050
Calcium	200	13	15		
Chromium	1.0	.043	.3		
Cobalt	0.10	.02	.013		
Copper	1.0	.025	.13	0.033	<1.0
Iron	10	.8	7.5		
Lead	0.25	.047	.1	0.083	<0.25
Magnesium	50	5	5		
Manganese	0.50	.04	.1		
Molybdenum	0.50	.019	.14		
Nickel	1.0	.049	.1	-0.056	<1.0
Phosphorus	30	3.8	13		
Potassium	100	1	13		
Selenium	0.20	.025	.025	0.024	<0.20
Silver	0.050	.0041	.015	0.0042	<0.050
Sodium	250	5	15		
Strontium	10	.05	.5		
Thallium	0.10	.016	.02		
Tin	5.0	.11	2		
Titanium	1.0	.025	.15		
Uranium	0.10	.0074	.05		
Vanadium	0.50	.071	.1		
Zinc	5.0	.025	.5	0.48	<5.0

Associated samples MP43118: DA75521-28, DA75521-29, DA75521-30, DA75521-31, DA75521-32, DA75521-33, DA75521-34, DA75521-35, DA75521-36, DA75521-37, DA75521-38, DA75521-39, DA75521-40, DA75521-41, DA75521-42

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: DA75521  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43118  
 Matrix Type: SOLID

Methods: SW846 6020B  
 Units: mg/kg

Prep Date: 09/23/25

Metal	DA75379-7		SpikeLot		QC
	Original	MS	ICPMS6	% Rec	Limits
Aluminum					
Antimony					
Arsenic	7.0	77.3	81.8	85.9	75-125
Barium	203	360	164	95.9	75-125
Beryllium					
Boron					
Cadmium	1.4	42.0	40.9	99.2	75-125
Calcium					
Chromium	anr				
Cobalt					
Copper	23.0	58.4	40.9	86.5	75-125
Iron					
Lead	194	267	81.8	89.2	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel	13.0	48.2	40.9	86.0	75-125
Phosphorus					
Potassium					
Selenium	0.32	70.0	81.8	85.2	75-125
Silver	2.4	18.7	16.4	99.6	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	141	185	40.9	107.5	75-125

Associated samples MP43118: DA75521-28, DA75521-29, DA75521-30, DA75521-31, DA75521-32, DA75521-33, DA75521-34, DA75521-35, DA75521-36, DA75521-37, DA75521-38, DA75521-39, DA75521-40, DA75521-41, DA75521-42

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

5.6.2  
5

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA75521  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43118  
 Matrix Type: SOLID

Methods: SW846 6020B  
 Units: mg/kg

Prep Date: 09/23/25

Metal	DA75379-7 Original MSD		SpikeLot ICPMS6 % Rec		MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	7.0	68.9	72.8	85.0	11.5	20
Barium	203	326	146	84.5	9.9	20
Beryllium						
Boron						
Cadmium	1.4	37.5	36.4	99.2	11.3	20
Calcium						
Chromium	anr					
Cobalt						
Copper	23.0	52.5	36.4	81.0	10.6	20
Iron						
Lead	194	274	72.8	109.9	2.6	20
Magnesium						
Manganese						
Molybdenum						
Nickel	13.0	42.4	36.4	80.8	12.8	20
Phosphorus						
Potassium						
Selenium	0.32	61.4	72.8	83.9	13.1	20
Silver	2.4	17.6	14.6	104.4	6.1	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc	141	161	36.4	54.9N(a)	13.9	20

Associated samples MP43118: DA75521-28, DA75521-29, DA75521-30, DA75521-31, DA75521-32, DA75521-33, DA75521-34, DA75521-35, DA75521-36, DA75521-37, DA75521-38, DA75521-39, DA75521-40, DA75521-41, DA75521-42

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

5.6.2  
5

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA75521  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43118  
Matrix Type: SOLID

Methods: SW846 6020B  
Units: mg/kg

Prep Date: 09/23/25

Metal	DA75379-7 Original MSD	SpikeLot ICPMS6	% Rec	MSD RPD	QC Limit
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(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA75521  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43118  
 Matrix Type: SOLID

Methods: SW846 6020B  
 Units: mg/kg

Prep Date: 09/23/25

Metal	BSP Result	Spikelot ICPMS6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	96.5	100	96.5	80-120
Barium	191	200	95.5	80-120
Beryllium				
Boron				
Cadmium	51.0	50	102.0	80-120
Calcium				
Chromium	anr			
Cobalt				
Copper	49.1	50	98.2	80-120
Iron				
Lead	103	100	103.0	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel	47.9	50	95.8	80-120
Phosphorus				
Potassium				
Selenium	98.6	100	98.6	80-120
Silver	20.2	20	101.0	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	47.4	50	94.8	80-120

Associated samples MP43118: DA75521-28, DA75521-29, DA75521-30, DA75521-31, DA75521-32, DA75521-33, DA75521-34, DA75521-35, DA75521-36, DA75521-37, DA75521-38, DA75521-39, DA75521-40, DA75521-41, DA75521-42

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA75521  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Dr Joe CC-64N63W 6SESE

QC Batch ID: MP43118  
 Matrix Type: SOLID

Methods: SW846 6020B  
 Units: ug/l

Prep Date: 09/23/25

Metal	DA75379-7		QC	
	Original	SDL 5:25	%DIF	Limits
Aluminum				
Antimony				
Arsenic	94.9	106	11.2	0-20
Barium	2730	2790	2.2	0-20
Beryllium				
Boron				
Cadmium	19.4	20.3	4.7	0-20
Calcium				
Chromium	anr			
Cobalt				
Copper	310	340	10.0	0-20
Iron				
Lead	2610	2580	1.4	0-20
Magnesium				
Manganese				
Molybdenum				
Nickel	175	196	11.7	0-20
Phosphorus				
Potassium				
Selenium	4.32	4.56	5.6	0-20
Silver	32.2	31.7	1.6	0-20
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	1890	2080	9.7	0-20

Associated samples MP43118: DA75521-28, DA75521-29, DA75521-30, DA75521-31, DA75521-32, DA75521-33, DA75521-34, DA75521-35, DA75521-36, DA75521-37, DA75521-38, DA75521-39, DA75521-40, DA75521-41, DA75521-42

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

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 # <b>DA75521</b>															
<b>Client / Reporting Information</b>		<b>Project Information</b>															
Company Name <b>SGS North America Inc.</b>		Project Name <b>TASMOCA: DF, Joe CC-64N63W 6SESE</b>															
Street Address <b>4036 Youngfield Street</b>		Street															
City State Zip <b>Wheat Ridge, CO 80033</b>		City State															
Project Contact <b>parna.eskandaripayandeh@sgs.com</b>		Project #															
Phone # <b>303-425-6021</b>		Client Purchase Order #															
Sampler(s) Name(s) <b>MR</b>		Project Manager															
Billing Information (if different from Report to)		Street Address															
City State Zip		City State Zip															
Attention:		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		BLV015DR00036 BLV8270PAH915L, PH-SATPASTE SC0N, V6260GRO, V6260T915 PASTE -SAR, SARCA, SARMG, SARNA,															
SGS Sample #	Field ID / Point of Collection	MECH/DI Vial #	Collection	Matrix	# of bottles	PC	NH3	NH4	HPO4	NO3	NO2	NO	DI Water	MECH	EPICORE	LAB USE ONLY	
7	BH04@1-2'		9/22/25 11:01:00 AM	MR	SO											X	
7A	BH04@1-2'		9/22/25 11:01:00 AM	MR	SO											X	
8	BH04@2-3'		9/22/25 11:04:00 AM	MR	SO											X	
8A	BH04@2-3'		9/22/25 11:04:00 AM	MR	SO											X	
9	BH05@1-2'		9/22/25 11:15:00 AM	MR	SO											X	
9A	BH05@1-2'		9/22/25 11:15:00 AM	MR	SO											X	
10	BH05@2-3'		9/22/25 11:19:00 AM	MR	SO											X	
10A	BH05@2-3'		9/22/25 11:19:00 AM	MR	SO											X	
11	BH06@4-5'		9/22/25 11:54:00 AM	MR	SO											X	
11A	BH06@4-5'		9/22/25 11:54:00 AM	MR	SO											X	
12	BH06@6-7'		9/22/25 11:58:00 AM	MR	SO											X	
12A	BH06@6-7'		9/22/25 11:58:00 AM	MR	SO											X	
Turnaround Time ( Business days)		Data Deliverable Information		Comments / Special Instructions													
<input type="checkbox"/> Standard 10 Day (business) <input type="checkbox"/> 5 Business Days RUSH <input type="checkbox"/> 3 Business Days RUSH <input type="checkbox"/> 2 Business Days RUSH <input type="checkbox"/> 1 Business Day EMERGENCY <input checked="" type="checkbox"/> other <b>Due 10/1/2025</b> <small>Emergency &amp; Rush T/A data available via Lablink. Approval needed for RUSH/Emergency TAT</small>		Approved By (SGS PM): / Date: _____ _____ _____		<input type="checkbox"/> Commercial "A" (Level 1) <input type="checkbox"/> State Forms <input type="checkbox"/> Commercial "B" (Level 2) <input type="checkbox"/> EDD Format <input type="checkbox"/> REDT1 (Level 3) <input type="checkbox"/> Other <input type="checkbox"/> FULT1 (Level 4) <input type="checkbox"/> _____ <input type="checkbox"/> Commercial "C" <input checked="" type="checkbox"/> <input type="checkbox"/> CC <small>Commercial "A" = Results Only          Commercial "B" = Results + QC Summary          Commercial "C" = Results + QC Summary + Partial Raw data</small>		<a href="http://www.sgs.com/en/terms-and-conditions">http://www.sgs.com/en/terms-and-conditions</a>											
<b>Sample Custody must be documented below each time samples change possession, including courier delivery.</b>																	
Relinquished by Sampler:	Date Time:	Received By:	Date Time:	Relinquished By:	Date Time:	Received By:	Date Time:	Relinquished By:	Date Time:	Received By:	Date Time:	Relinquished By:	Date Time:	Received By:	Date Time:	Relinquished By:	Date Time:
1	9/23/25	SWC	9/23/25 0000	2	SWC	9/23/25 0000	2	DA									
3	9/24/25 2047	Reece Sam	9/24/25 715	4	Costco			4									
5				5													
Custodian's Name		Intact		Preserved where applicable		Therm. ID		On Ice		Cooler Temp.							
		<input type="checkbox"/>		<input type="checkbox"/>		JPOC		<input type="checkbox"/>									

6.1  
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**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

Client / Reporting Information		Project Information		Requested Analysis ( see TEST CODE sheet)										Matrix Codes						
Company Name <b>SGS North America Inc.</b>		Project Name <b>TASMCQA: Dr.Joe CC-64N63W 6SESE</b>												DW - Drinking Water SW - Surface Water WW - Water SW - Surface Water SO - Soil SL - Sludge SED-Sediment LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB-Field Blank EB-Equipment Blank RB- Rinse Blank TB-Trip Blank						
Street Address <b>4036 Youngfield Street</b>		Street																		
City State Zip <b>Wheat Ridge, CO 80033</b>		City State																		
Project Contact E-mail <b>parma.eskandaripayandeh@sgs.com</b>		Project #																		
Phone # <b>303-425-6021</b>		Client Purchase Order #																		
Sampler(s) Name(s) <b>MR</b>		Project Manager																		
Field ID / Point of Collection		MECH/ID Vial #		Date		Time		Sampled by		Matrix		# of bottles		Number of preserved Bottles						LAB USE ONLY
														HCl HNO3 H2SO4 NO2 DI Water MICH ENCPHE						
19 BH09@2-3'				9/22/25		12:36:00 PM		MR		SO				BLV616DR00R036 BLV6270A1B1SL PH+ SAPPASTE SC0N V6262GRO V62617915 PASTE SAR SARCA SARMG SRNA						/
19A BH09@2-3'				9/22/25		12:36:00 PM		MR		SO				X						/
20 BH09@4-5'				9/22/25		12:41:00 PM		MR		SO				X						/
20A BH09@4-5'				9/22/25		12:41:00 PM		MR		SO				X						/
21 BH09@6-7'				9/22/25		12:44:00 PM		MR		SO				X						/
21A BH09@6-7'				9/22/25		12:44:00 PM		MR		SO				X						/
22 BH10@2-3'				9/22/25		1:07:00 PM		MR		SO				X						/
22A BH10@2-3'				9/22/25		1:07:00 PM		MR		SO				X						/
23 BH10@4-5'				9/22/25		1:12:00 PM		MR		SO				X						/
23A BH10@4-5'				9/22/25		1:12:00 PM		MR		SO				X						/
24 BH10@6-7'				9/22/25		1:15:00 PM		MR		SO				X						/
24A BH10@6-7'				9/22/25		1:15:00 PM		MR		SO				X						/
Turnaround Time ( Business days)		Approved By (SGS PM): / Date:		Data Deliverable Information										Comments / Special Instructions						
<input type="checkbox"/> Standard 10 Day (business) <input type="checkbox"/> 5 Business Days RUSH <input type="checkbox"/> 3 Business Days RUSH <input type="checkbox"/> 2 Business Days RUSH <input type="checkbox"/> 1 Business Day EMERGENCY <input checked="" type="checkbox"/> other Due 10/1/2025				<input type="checkbox"/> Commercial "A" ( Level 1) <input type="checkbox"/> State Forms <input type="checkbox"/> Commercial "B" ( Level 2) <input type="checkbox"/> EDD Format <input type="checkbox"/> REDT1 ( Level 3) <input type="checkbox"/> Other <input type="checkbox"/> FULT1 ( Level 4) <input type="checkbox"/> UUC <input checked="" type="checkbox"/> Commercial "C" Commercial "A" = Results Only Commercial "B" = Results + QC Summary Commercial "C" = Results + QC Summary + Partial Raw data																
Emergency & Rush T/A data available via Lablink. Approval needed for RUSH/Emergency TAT													<a href="http://www.sgs.com/en/terms-and-conditions">http://www.sgs.com/en/terms-and-conditions</a>							
Sample Custody must be documented below each time samples change possession, including courier delivery.																				
Relinquished by Sampler: 1		Date Time: 9/24/25		Received By: SWC		Date Time: 9/24/25		Relinquished By: SWC		Date Time: 9/24/25		Received By: DA		Date Time: 9/24/25						
Relinquished by Sampler: 3		Date Time: 9/24/25		Received By: Perez Sam		Date Time: 9/24/25		Relinquished By: 715		Date Time: 9/24/25		Received By: 715		Date Time: 9/24/25						
Relinquished by: 5		Date Time: 9/24/25		Received By: 5		Date Time: 9/24/25		Relinquished By: 5		Date Time: 9/24/25		Received By: 5		Date Time: 9/24/25						
Customs Form #		Intact		Preserved where applicable		Therm ID: 12002		On Ice		Cooling Temp. 2.4		1.1 1.6		2.2 1.3						

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DA75521: Chain of Custody

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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 # DA75521

Client / Reporting Information Project Information Requested Analysis ( see TEST CODE sheet) Matrix Codes

Company Name: SGS North America Inc.
Project Name: TASHCOA Dr Joe CC-04N03W 6SE6E
Street Address: 4036 Youngfield Street
City: Wheat Ridge, CO 80033
Project Contact: parna.eskandari@sgs.com
Phone #: 303-425-6021

Table with columns: sgs sample #, Field ID / Point of Collection, MECH/ID/Vial #, Date, Time, Sampled by, Matrix, # of bottles, and various chemical analysis columns (HCl, NaOH, HNO3, H2SO4, etc.). Rows include samples like BH11@2-3', 25A, 26, 27, 28, 29, 30, 30A.

Turnaround Time ( Business days)
Approved By (SGS PM): / Date:
Commercial "A" (Level 1)
Commercial "B" (Level 2)
Commercial "C"
State Forms
EDD Format
Other
Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Sample Custody must be documented below each time samples change possession, including courier delivery.
Relinquished by: 1, 2, 3, 4, 5
Received by: 1, 2, 3, 4, 5
Date Time: 9/24/25

Table with columns: Coolant Temp, On Ice, Therm ID, Cooler Temp. Values include 1.3, 2.4, 1.1, 1.6, 2.2, 1.3.

6.1 9





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

Table with 2 columns: FED-EX Tracking #, Bottle Order Control #; SGS Quote #, SGS Job #

Client / Reporting Information, Project Information, Requested Analysis ( see TEST CODE sheet), Matrix Codes

Form containing client and project details: Company Name (SGS North America Inc.), Project Name (TASMCOA - Dr. Joe CC-64N63W 6SE6F), Street Address (4036 Youngfield Street), City (Wheat Ridge, CO 80033), Project Contact (parna.eskandari@sgs.com), Project #, Project Manager, Attention.

Table with columns: SGS Sample #, Field ID / Point of Collection, MECH/DI Vial #, Date, Time, Sampled by, Matrix, # of bottles, and various chemical analysis columns (PC, NaOH, HNO3, H2SO4, NONE, DI Water, MECH, ENCORE). Includes a 'LAB USE ONLY' column.

Turnaround Time ( Business days), Data Deliverable Information, Comments / Special Instructions

Approval and delivery options section: Approved By (SGS PM) / Date, Commercial "A" (Level 1), Commercial "B" (Level 2), REDT1 (Level 3), FULT1 (Level 4), Commercial "C", State Forms, EDD Format, Other.

Table for sample custody: Relinquished By, Date Time, Received By, Date Time. Includes handwritten signatures and dates.

Additional information: Custom Seal (Intact/Not Intact), Preserved where applicable, Therm ID, On Ice, Cool Temp (1.3, 2.4, 1.1, 1.6, 2.2, 1.3).

6.1 6





### 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

Client / Reporting Information		Project Information				Requested Analysis ( see TEST CODE sheet)										Matrix Codes			
Company Name: <b>SGS North America Inc.</b>		Project Name: Ellsworth Air Force Base, Spring 2018 LTM; SD														DW - Drinking Water GW - Ground Water SWS - Wastewater 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: <b>4036 Youngfield Street</b>		Billing Information ( if different from Report to)				BLV015DR00R036, BLV8277PAPAH915L, PH SATPASTE.SCON.V8260GRQ.V82607915													
City State Zip <b>Wheat Ridge, CO 8003</b>		Company Name				PASTE SAR SARCA, SARMA, SARNA.													
Project Contact: E-mail Pj.parna.eskandaripayandeh@sgs.com		Project #																	
Fax # <b>303-425-6021</b>		Client Purchase Order #																	
Sampler(s) Name(s)		Project Manager																	
Phone		Attention:																	
SGS Sample #		Field ID / Point of Collection		MECH/DI Vial #		Collection		Number of preserved Bottles										LAB USE ONLY	
								<input type="checkbox"/> HD <input type="checkbox"/> NaOH <input type="checkbox"/> HNO3 <input type="checkbox"/> H2SO4 <input type="checkbox"/> NONE <input type="checkbox"/> DI Water <input type="checkbox"/> MESH <input type="checkbox"/> ENCORE											
36A		BKG06@6-7'				9/22/25 1:46:00 PM MR SO												X	
37		BKG07@2-3'				9/22/25 2:35:00 PM MR SO												X	
37A		BKG07@2-3'				9/22/25 2:35:00 PM MR SO												X	
38		BKG07@4-5'				9/22/25 2:38:00 PM MR SO												X	
38A		BKG07@4-5'				9/22/25 2:38:00 PM MR SO												X	
39		BKG07@6-7'				9/22/25 2:42:00 PM MR SO												X	
39A		BKG07@6-7'				9/22/25 2:42:00 PM MR SO												X	
40		BKG08@2-3'				9/22/25 2:51:00 PM MR SO												X	
40A		BKG08@2-3'				9/22/25 2:51:00 PM MR SO												X	
41		BKG08@4-5'				9/22/25 2:53:00 PM MR SO												X	
41A		BKG08@4-5'				9/22/25 2:53:00 PM MR SO												X	
Turnaround Time ( Business days)		Data Deliverable Information				Comments / Special Instructions													
<input type="checkbox"/> Standard 10 Day (business) <input type="checkbox"/> 5 Business Days RUSH <input type="checkbox"/> 3 Business Days RUSH <input type="checkbox"/> 2 Business Days RUSH <input type="checkbox"/> 1 Business Day EMERGENCY <input type="checkbox"/> other X Due 10/1/2025		Approved By (SGS PM): / Date:				<input type="checkbox"/> Commercial "A" ( Level 1 ) <input type="checkbox"/> State Forms <input type="checkbox"/> Commercial "B" ( Level 2 ) <input type="checkbox"/> EDD Format <input type="checkbox"/> REDT1 ( Level 3 ) <input type="checkbox"/> Other <input type="checkbox"/> FULT1 ( Level 4 ) <input type="checkbox"/> <input type="checkbox"/> Commercial "C" <input type="checkbox"/> Commercial "A" = Results Only Commercial "B" = Results + QC Summary Commercial "C" = Results + QC Summary + Partial Raw data <a href="http://www.sgs.com/en/terms-and-conditions">http://www.sgs.com/en/terms-and-conditions</a>													
Sample Custody must be documented below each time samples change possession, including courier delivery.																			
Relinquished by Sampler: <i>DA</i>		Date Time: <i>9/24/25 2047</i>		Received By: <i>SWC</i>		Date Time: <i>9/24/25</i>		Relinquished By: <i>SWC</i>		Date Time: <i>9/23/25 0000</i>		Received By: <i>DA</i>							
Relinquished by Sampler: <i>DA</i>		Date Time: <i>9/24/25 2047</i>		Received By: <i>Perce Sam</i>		Date Time: <i>715</i>		Relinquished By: <i>Perce Sam</i>		Date Time: <i>715</i>		Received By: <i>Perce Sam</i>							
Relinquished by: <i>DA</i>		Date Time: <i>9/24/25 2047</i>		Received By: <i>Perce Sam</i>		Date Time: <i>715</i>		Relinquished By: <i>Perce Sam</i>		Date Time: <i>715</i>		Received By: <i>Perce Sam</i>							
Custody Seal #		Intact		Not intact		Preserved where applicable		Therm. ID: <i>JR002</i>		On Ice		Cooler Temp. <i>1.3 2.4</i>							
												<i>1.1 1.6</i>							
												<i>2.2 1.3</i>							

6.1 6





**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

Client / Reporting Information		Project Information										Requested Analysis ( see TEST CODE sheet DA75521										Matrix Codes	
Company Name <b>SGS North America Inc.</b>		Project Name Ellsworth Air Force Base, Spring 2018 LTM, SD																					
Street Address <b>4036 Youngfield Street</b>		Street <b>TASMCOA: Dr.Joe CC-64N63W 6ESE</b>																					
City State Zip <b>Wheat Ridge, CO 8003</b>		City State <b>Wheat Ridge, CO 8003</b>																					
Project Contact E-mail <b>parna.eskandaripayandeh@sgs</b>		Project #																					
Phone #		Client Purchase Order #																					
Sampler(s) Name(s)		Project Manager																					
Attention:																							
Turnaround Time ( Business days)		Data Deliverable Information																				Comments / Special Instructions	
<input type="checkbox"/> Standard 10 Day (business) <input type="checkbox"/> 5 Business Days RUSH <input type="checkbox"/> 3 Business Days RUSH <input type="checkbox"/> 2 Business Days RUSH <input type="checkbox"/> 1 Business Day EMERGENCY <input type="checkbox"/> other		Approved By (SGS PM) / Date: _____ <input type="checkbox"/> Commercial "A" ( Level 1 ) <input type="checkbox"/> Commercial "B" ( Level 2 ) <input type="checkbox"/> REDT1 ( Level 3 ) <input type="checkbox"/> FULLT1 ( Level 4 ) <input type="checkbox"/> Commercial "C" Commercial "A" = Results + X Commercial "B" = Results + QC Summary Commercial "C" = Results + QC Summary + Partial Raw data										<input type="checkbox"/> State Forms <input type="checkbox"/> EDD Format <input type="checkbox"/> Other CUMMBS										<a href="http://www.sgs.com/en/terms-and-conditions">http://www.sgs.com/en/terms-and-conditions</a>	
X Due 10/1/2025		Sample Custody must be documented below each time samples change possession, including courier delivery.																					
Relinquished by Sampler: <b>DA</b> Date Time: <b>9/22/25</b>		Received By: <b>SWC</b>		Relinquished By: <b>SWC</b> Date Time: <b>9/23/24 0000</b>		Received By: <b>DA</b>																	
Relinquished by Sampler: <b>DA</b> Date Time: <b>9/22/25 2047</b>		Received By: <b>Renee Sam</b>		Relinquished By: <b>SWC</b> Date Time: <b>9/23/24 0000</b>		Received By: <b>DA</b>																	
Relinquished by: <b>DA</b> Date Time: <b>9/22/25 2047</b>		Received By: <b>5</b>		Relinquished By: <b>4</b> Date Time: <b>9/23/24 0000</b>		Received By: <b>4</b>																	
				Custody Seal <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Not Intact		Preserved where applicable <input type="checkbox"/>		Therm ID: <b>IR002</b>		On Ice <input type="checkbox"/>		Cooler Temp: <b>1.3</b>											
												<b>1.1</b>											
												<b>1.2</b>											
												<b>2.4</b>											
												<b>1.6</b>											

6.1  
6



Printed on:  
23 SEP 12:44

**SOUTHWEST AIRLINES**

**526 DEN 2963 8873**

**HOU**

PC# 1 OF 6 | DU LOT W | G | 150 LB (204.1 KG)

DEN WN 2294 23 SEP 14:00

**STN FLT DATE ETD**

**NFG**

PC ID: 0001  
PC WT: 75LB  
6 29638873 0001




DA75521: Chain of Custody  
Page 9 of 16

SOUTHWEST AIRLINES

Printed on:  
23 SEP 12:44


526 DEN 2963 8873

HOU

PC#	DG	LOT WT
2 OF 6	G	450 LB (204.1 KG)

DEN    WN 2294    23 SEP    14:00

STN	FLT	DATE	ETD	LOT 01
-----	-----	------	-----	--------



PC ID: 0002

PC WT: 75LB

526 29638873 0002

NFG

DA75521: Chain of Custody  
Page 10 of 16

Printed on:  
23 SEP 12:44

SOUTHWEST AIRLINES

526 DEN 2963 8873

**HOU**

PC# 3 OF 6 DG G

(2.00) KG

DEN WN 2294 23 SEP 14:00

STN FLT DATE ETD LOT U

PC ID: 0003  
PC WT: 75LB

526 29638873 0003

**NEG**

DA75521: Chain of Custody  
Page 11 of 16

Printed on:  
23 SEP 12:44

SOUTHWEST AIRLINES

526 DEN 2963 8873

**HOU**

PC#	DG	LOT WT
4 OF 6	G	450 LB (204.1 KG)

DEN 14:00  
SEP 14:00

STK DATE ETD LOT 01

**NEC**

ID: 0004  
WT: 75LB

DA75521: Chain of Custody  
Page 12 of 16

Printed on:  
23 SEP 12:44

**SOUTHWEST AIRLINES**

**526 DEN 2963 8873**

**HOU**

PC# 5 OF 6 | DC G | LOT WT 450 LB (204.1 KG)



DEN WIN 2294 23 SEP 14:00

STN FLT DATE ETD LOT 01

**NE**

PC ID: 0005  
PC WT: 75LB

526 29638873 0005

SOUTHWEST AIRLINES

Printed on:  
23 SEP 12:44

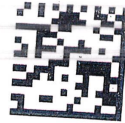
526 DEN 2963 8873

**HOU**

PC#	DG	LOT WT
6 OF 6	G	450 LB (204.1 KG)

DEN WN 2294 23 SEP 14:00

STN FLT DATE ETD LOT 01



PC ID: 0006  
PC WT: 75LB  
526 29638873 0006

**NFG**



P.O. BOX 5688  
DENVER, CO 80217  
US +1 (303) 576-0020



**SULLIVANS**  
Cargo  
3265933873 swacargo.com (800) 538-1222

Consignee's Name and Address  
SGS NORTH AMERICA  
1715 MARKWIN DRIVE  
HOUSTON, TX 77048  
US +1 (281) 881-1457

Copies 1, 2 and 3 of this Air Waybill are originals and have the same validity.  
Received in Good Order & Condition at:  
HOU - 6 pos 09/23/2025 20:47 CDT BY BRYAN ANTHONY

Issuing Carrier's Agent Name and City  
?

Agent's IATA Code  
Account No.

Airport of Departure (Addr. of First Carrier) and Requested Routing  
DENVER

To By First Carrier To By  
HOU SOUTHWEST AIRLINES  
Flight Date For Carrier Use Only Flight Date  
WN2294 / 23SEP

Accounting Information  
Service Label - N

HANDLING INFORMATION -

No. of Pieces RCP	Gross Weight kg/lb	Rate Class	Commodity Item No.	Chargeable Weight	Rate / Charge	Total	Nature and Quantity of Goods (Inc. Dimensions or Volume)
6	450 L	B	0000	450	As Agreed	*****	SOIL/WATER/AIR SAMPLES DIMS IN INCHES: 5 = 13 X 13 X 24 1 = 16 X 15 X 12

Prepaid	Weight Charge	Collect	Other Charges and Description
6	450		MYC 0.00 SCC 0.00

Total Other Charges Due Agent	Total Other Charges Due Carrier	Total Prepaid	Total Collect
*****	*****	*****	*****

Shipper certifies that the particulars on the face hereof are correct and that, insofar as any part of the consignment contains dangerous goods, such part is properly described by name and in proper quantity and weight, and that the goods are in accordance with applicable Dangerous Goods Regulations, consent that this shipment shall be subject to search by the carrier.

TIMOTHY WINGERT  
Signature of Shipper or his Agent

09/23/2025 12:43 MDT DEN E81162  
Exchanged on (date and time) At (place)  
Total Collect Charges

For Carriers Use only at Destination  
Charges at Destination

COPY 4 (DELIVERY RECEIPT) DA 9-24-25 2047  
Signature of Issuing Carrier's Agent  
526-24638873

## SGS Sample Receipt Summary

Job Number: DA75521

Client: SGS CO

Project: TASMCOA DR JOE CC-64N63W 6SESE

Date / Time Received: 9/24/2025 7:15:00 AM

Delivery Method: THWEST AIRLINES CAI

Airbill #'s: 52629638873 0001-0006

**Cooler Temps (Raw Measured) °C:** Cooler 1: (1.3); Cooler 2: (1.1); Cooler 3: (2.2); Cooler 4: (2.4); Cooler 5: (1.6); Cooler 6: (1.3);

**Cooler Temps (Corrected) °C:** Cooler 1: (1.1); Cooler 2: (0.9); Cooler 3: (2.0); Cooler 4: (2.2); Cooler 5: (1.4); Cooler 6: (1.1);

**Cooler Security**

Y or N

Y or N

- |                           |                                     |                          |                        |                                     |                          |
|---------------------------|-------------------------------------|--------------------------|------------------------|-------------------------------------|--------------------------|
| 1. Custody Seals Present: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. COC Present:        | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Custody Seals Intact:  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Smp'l Dates/Time OK | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

**Cooler Temperature**

Y or N

- |                              |                                     |                          |
|------------------------------|-------------------------------------|--------------------------|
| 1. Temp criteria achieved:   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Cooler temp verification: | _____                               |                          |
| 3. Cooler media:             | <u>Ice (direct contact)</u>         |                          |
| 4. No. Coolers:              | <u>6</u>                            |                          |

**Quality Control Preservatio**

Y or N

N/A

- |                                 |                                     |                                     |                          |
|---------------------------------|-------------------------------------|-------------------------------------|--------------------------|
| 1. Trip Blank present / cooler: | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Trip Blank listed on COC:    | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Samples preserved properly:  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                          |
| 4. VOCs headspace free:         | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

**Sample Integrity - Documentation**

Y or N

- |  |                                     |                          |
|--|-------------------------------------|--------------------------|
| 1. Sample labels present on bottles:   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Container labeling complete:        | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Sample container label / COC agree: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

**Sample Integrity - Condition**

Y or N

- |                                  |                                     |                          |
|----------------------------------|-------------------------------------|--------------------------|
| 1. Sample recvd within HT:       | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. All containers accounted for: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Condition of sample:          | <u>Intact</u>                       |                          |

**Sample Integrity - Instructions**

Y or N

N/A

- |   |                                     |                                     |                                     |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Analysis requested is clear:           | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                                     |
| 2. Bottles received for unspecified tests | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                                     |
| 3. Sufficient volume recvd for analysis:  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                                     |
| 4. Compositing instructions clear:        | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 5. Filtering instructions clear:          | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

Test Strip Lot #s:	pH 1-12: _____	pH 12+: _____	Other: (Specify) _____
--------------------	----------------	---------------	------------------------

Comments

SM089-03  
Rev. Date 12/7/17

MS Volatiles

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QC Data Summaries

(SGS Scott, LA)

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Includes the following where applicable:

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

## Method Blank Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V114601-MB	11122283.D	1	10/04/25	JY	n/a	n/a	V114601

The QC reported here applies to the following samples:

Method: SW846 8260D

DA75521-1, DA75521-2, DA75521-3, DA75521-4, DA75521-5, DA75521-6, DA75521-7, DA75521-8, DA75521-9, DA75521-11, DA75521-13, DA75521-14, DA75521-15, DA75521-16

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	
108-88-3	Toluene	0.58	5.0	ug/kg	J
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/kg	
	m,p-Xylene	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	1.0	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	ug/kg	
	TPH-GRO (C6-C10)	ND	200	ug/kg	

CAS No.	Surrogate Recoveries	Limits	
17060-07-0	1,2-Dichloroethane-D4	87%	59-143%
2037-26-5	Toluene-D8	101%	52-159%
460-00-4	4-Bromofluorobenzene	95%	38-183%

7.1.1  
7

# Method Blank Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2K4647-MB	2K20053.D	1	10/04/25	JY	n/a	n/a	V2K4647

The QC reported here applies to the following samples:

Method: SW846 8260D

DA75521-10, DA75521-17, DA75521-18, DA75521-19, DA75521-20, DA75521-21, DA75521-22, DA75521-23, DA75521-24, DA75521-25, DA75521-26, DA75521-29, DA75521-30, DA75521-31, DA75521-32, DA75521-33

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	
108-88-3	Toluene	0.46	5.0	ug/kg	J
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/kg	
	m,p-Xylene	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	1.0	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	ug/kg	
	TPH-GRO (C6-C10)	ND	200	ug/kg	

CAS No.	Surrogate Recoveries	Limits	
17060-07-0	1,2-Dichloroethane-D4	129%	59-143%
2037-26-5	Toluene-D8	99%	52-159%
460-00-4	4-Bromofluorobenzene	101%	38-183%

7.1.2  
7

# Method Blank Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1Y667-MB	1Y014812.D	1	10/04/25	JY	n/a	n/a	V1Y667

The QC reported here applies to the following samples:

Method: SW846 8260D

DA75521-28, DA75521-34, DA75521-35, DA75521-36, DA75521-37, DA75521-38, DA75521-40, DA75521-41, DA75521-42

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	
108-88-3	Toluene	0.66	5.0	ug/kg	J
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/kg	
	m,p-Xylene	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	1.0	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	ug/kg	
	TPH-GRO (C6-C10)	ND	200	ug/kg	

CAS No.	Surrogate Recoveries	Limits	
17060-07-0	1,2-Dichloroethane-D4	89%	59-143%
2037-26-5	Toluene-D8	101%	52-159%
460-00-4	4-Bromofluorobenzene	100%	38-183%

# Method Blank Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2K4649-MB	2K20113.D	1	10/06/25	PO	n/a	n/a	V2K4649

The QC reported here applies to the following samples:

Method: SW846 8260D

DA75521-12, DA75521-27, DA75521-39

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	
108-88-3	Toluene	0.48	5.0	ug/kg	J
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/kg	
	m,p-Xylene	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	1.0	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	ug/kg	
	TPH-GRO (C6-C10)	ND	200	ug/kg	

CAS No.	Surrogate Recoveries	Limits	
17060-07-0	1,2-Dichloroethane-D4	124%	59-143%
2037-26-5	Toluene-D8	100%	52-159%
460-00-4	4-Bromofluorobenzene	100%	38-183%

# Blank Spike/Blank Spike Duplicate Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V114601-BS	11122278A.D	1	10/04/25	JY	n/a	n/a	V114601
V114601-BSD	11122279.D	1	10/04/25	JY	n/a	n/a	V114601

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

DA75521-1, DA75521-2, DA75521-3, DA75521-4, DA75521-5, DA75521-6, DA75521-7, DA75521-8, DA75521-9, DA75521-11, DA75521-13, DA75521-14, DA75521-15, DA75521-16

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	20	20.0	100	19.6	98	2	67-135/30
100-41-4	Ethylbenzene	20	22.9	115	22.3	112	3	69-136/30
108-88-3	Toluene	20	20.4	102	19.8	99	3	71-135/30
95-63-6	1,2,4-Trimethylbenzene	20	25.0	125	24.3	122	3	50-153/30
108-67-8	1,3,5-Trimethylbenzene	20	24.9	125	24.3	122	2	51-153/30
	m,p-Xylene	40	46.0	115	44.8	112	3	70-140/30
95-47-6	o-Xylene	20	22.4	112	22.1	111	1	70-132/30
1330-20-7	Xylene (total)	60	68.4	114	66.9	112	2	69-138/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
17060-07-0	1,2-Dichloroethane-D4	83%	85%	59-143%
2037-26-5	Toluene-D8	99%	98%	52-159%
460-00-4	4-Bromofluorobenzene	97%	97%	38-183%

\* = Outside of Control Limits.

7.2.1  
7

# Blank Spike/Blank Spike Duplicate Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V114601-BS	11122280A.D	1	10/04/25	JY	n/a	n/a	V114601
V114601-BSD	11122281.D	1	10/04/25	JY	n/a	n/a	V114601

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

DA75521-1, DA75521-2, DA75521-3, DA75521-4, DA75521-5, DA75521-6, DA75521-7, DA75521-8, DA75521-9, DA75521-11, DA75521-13, DA75521-14, DA75521-15, DA75521-16

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	2000	1930	97	1850	93	4	50-150/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
17060-07-0	1,2-Dichloroethane-D4	85%	85%	59-143%
2037-26-5	Toluene-D8	98%	97%	52-159%
460-00-4	4-Bromofluorobenzene	95%	98%	38-183%

\* = Outside of Control Limits.

7.2.2  
7

# Blank Spike/Blank Spike Duplicate Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2K4647-BS	2K20048A.D	1	10/04/25	JY	n/a	n/a	V2K4647
V2K4647-BSD	2K20049.D	1	10/04/25	JY	n/a	n/a	V2K4647

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

DA75521-10, DA75521-17, DA75521-18, DA75521-19, DA75521-20, DA75521-21, DA75521-22, DA75521-23, DA75521-24, DA75521-25, DA75521-26, DA75521-29, DA75521-30, DA75521-31, DA75521-32, DA75521-33

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	20	19.4	97	18.6	93	4	67-135/30
100-41-4	Ethylbenzene	20	24.1	121	27.6	138* a	14	69-136/30
108-88-3	Toluene	20	19.3	97	18.1	91	6	71-135/30
95-63-6	1,2,4-Trimethylbenzene	20	25.8	129	24.2	121	6	50-153/30
108-67-8	1,3,5-Trimethylbenzene	20	24.4	122	23.2	116	5	51-153/30
	m,p-Xylene	40	47.6	119	44.7	112	6	70-140/30
95-47-6	o-Xylene	20	23.1	116	21.4	107	8	70-132/30
1330-20-7	Xylene (total)	60	70.7	118	66.1	110	7	69-138/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
17060-07-0	1,2-Dichloroethane-D4	114%	114%	59-143%
2037-26-5	Toluene-D8	99%	100%	52-159%
460-00-4	4-Bromofluorobenzene	105%	102%	38-183%

(a) Outside control limits biased high. Analyte not detected in associated samples.

\* = Outside of Control Limits.

7.2.3  
7

# Blank Spike/Blank Spike Duplicate Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1Y667-BS	1Y014807A.D	1	10/04/25	JY	n/a	n/a	V1Y667
V1Y667-BSD	1Y014808.D	1	10/04/25	JY	n/a	n/a	V1Y667

The QC reported here applies to the following samples:

Method: SW846 8260D

DA75521-28, DA75521-34, DA75521-35, DA75521-36, DA75521-37, DA75521-38, DA75521-40, DA75521-41, DA75521-42

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	20	17.8	89	17.9	90	1	67-135/30
100-41-4	Ethylbenzene	20	19.5	98	19.0	95	3	69-136/30
108-88-3	Toluene	20	18.2	91	17.1	86	6	71-135/30
95-63-6	1,2,4-Trimethylbenzene	20	17.9	90	17.9	90	0	50-153/30
108-67-8	1,3,5-Trimethylbenzene	20	18.5	93	18.1	91	2	51-153/30
	m,p-Xylene	40	40.2	101	39.8	100	1	70-140/30
95-47-6	o-Xylene	20	19.9	100	19.7	99	1	70-132/30
1330-20-7	Xylene (total)	60	60.1	100	59.5	99	1	69-138/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
17060-07-0	1,2-Dichloroethane-D4	82%	85%	59-143%
2037-26-5	Toluene-D8	103%	103%	52-159%
460-00-4	4-Bromofluorobenzene	101%	101%	38-183%

\* = Outside of Control Limits.

# Blank Spike/Blank Spike Duplicate Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2K4647-BS	2K20050A.D	1	10/04/25	JY	n/a	n/a	V2K4647
V2K4647-BSD	2K20051.D	1	10/04/25	JY	n/a	n/a	V2K4647

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

DA75521-10, DA75521-17, DA75521-18, DA75521-19, DA75521-20, DA75521-21, DA75521-22, DA75521-23, DA75521-24, DA75521-25, DA75521-26, DA75521-29, DA75521-30, DA75521-31, DA75521-32, DA75521-33

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	2000	1840	92	1800	90	2	50-150/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
17060-07-0	1,2-Dichloroethane-D4	109%	111%	59-143%
2037-26-5	Toluene-D8	100%	100%	52-159%
460-00-4	4-Bromofluorobenzene	102%	101%	38-183%

\* = Outside of Control Limits.

7.2.5  
7

# Blank Spike/Blank Spike Duplicate Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1Y667-BS	1Y014809A.D	1	10/04/25	JY	n/a	n/a	V1Y667
V1Y667-BSD	1Y014810.D	1	10/04/25	JY	n/a	n/a	V1Y667

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

DA75521-28, DA75521-34, DA75521-35, DA75521-36, DA75521-37, DA75521-38, DA75521-40, DA75521-41, DA75521-42

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	2000	2010	101	1960	98	3	50-150/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
17060-07-0	1,2-Dichloroethane-D4	91%	90%	59-143%
2037-26-5	Toluene-D8	99%	101%	52-159%
460-00-4	4-Bromofluorobenzene	99%	97%	38-183%

\* = Outside of Control Limits.

7.2.6  
7

# Blank Spike/Blank Spike Duplicate Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2K4649-BS	2K20108A.D	1	10/06/25	PO	n/a	n/a	V2K4649
V2K4649-BSD	2K20109.D	1	10/06/25	PO	n/a	n/a	V2K4649

The QC reported here applies to the following samples:

Method: SW846 8260D

DA75521-12, DA75521-27, DA75521-39

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	20	19.3	97	17.7	89	9	67-135/30
100-41-4	Ethylbenzene	20	29.1	146* a	25.7	129	12	69-136/30
108-88-3	Toluene	20	18.4	92	17.0	85	8	71-135/30
95-63-6	1,2,4-Trimethylbenzene	20	24.9	125	22.0	110	12	50-153/30
108-67-8	1,3,5-Trimethylbenzene	20	22.9	115	18.8	94	20	51-153/30
	m,p-Xylene	40	46.3	116	41.9	105	10	70-140/30
95-47-6	o-Xylene	20	22.2	111	20.5	103	8	70-132/30
1330-20-7	Xylene (total)	60	68.4	114	62.5	104	9	69-138/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
17060-07-0	1,2-Dichloroethane-D4	120%	112%	59-143%
2037-26-5	Toluene-D8	99%	100%	52-159%
460-00-4	4-Bromofluorobenzene	106%	105%	38-183%

(a) Outside control limits biased high.

\* = Outside of Control Limits.

7.2.7  
7

# Blank Spike/Blank Spike Duplicate Summary

**Job Number:** DA75521

**Account:** ALMS SGS Wheat Ridge, CO

**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2K4649-BS	2K20110A.D	1	10/06/25	PO	n/a	n/a	V2K4649
V2K4649-BSD	2K20111.D	1	10/06/25	PO	n/a	n/a	V2K4649

The QC reported here applies to the following samples:

Method: SW846 8260D

DA75521-12, DA75521-27, DA75521-39

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	2000	1840	92	1840	92	0	50-150/30

7.2.8

7

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA75521-2MS	1I122286.D	1	10/04/25	JY	n/a	n/a	V1I4601
DA75521-2MSD	1I122287.D	1	10/04/25	JY	n/a	n/a	V1I4601
DA75521-2	1I122288.D	1	10/04/25	JY	n/a	n/a	V1I4601

The QC reported here applies to the following samples:

Method: SW846 8260D

DA75521-1, DA75521-2, DA75521-3, DA75521-4, DA75521-5, DA75521-6, DA75521-7, DA75521-8, DA75521-9, DA75521-11, DA75521-13, DA75521-14, DA75521-15, DA75521-16

CAS No.	Compound	DA75521-2 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	< 220	2240	1720	77	2240	1580	71	8	50-150/30

CAS No.	Surrogate Recoveries	MS	MSD	DA75521-2	Limits
17060-07-0	1,2-Dichloroethane-D4	88%	88%	90%	59-143%
2037-26-5	Toluene-D8	98%	99%	100%	52-159%
460-00-4	4-Bromofluorobenzene	97%	95%	95%	38-183%

\* = Outside of Control Limits.

7.3.1  
7

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA75521-10MS	2K20054.D	1	10/04/25	JY	n/a	n/a	V2K4647
DA75521-10MSD	2K20055.D	1	10/04/25	JY	n/a	n/a	V2K4647
DA75521-10	2K20058.D	1	10/05/25	JY	n/a	n/a	V2K4647

The QC reported here applies to the following samples:

Method: SW846 8260D

DA75521-10, DA75521-17, DA75521-18, DA75521-19, DA75521-20, DA75521-21, DA75521-22, DA75521-23, DA75521-24, DA75521-25, DA75521-26, DA75521-29, DA75521-30, DA75521-31, DA75521-32, DA75521-33

CAS No.	Compound	DA75521-10 Spike ug/kg	MS Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	< 0.49	19.2	15.4	80	21.1	16.8	80	9	15-162/33
100-41-4	Ethylbenzene	< 0.98	19.2	18.2	95	21.1	23.9	113	27* a	14-168/13
108-88-3	Toluene	0.39	19.2	14.8	75	21.1	16.2	75	9	11-173/43
95-63-6	1,2,4-Trimethylbenzene	< 4.9	19.2	17.9	93	21.1	19.4	92	8	90-183/15
108-67-8	1,3,5-Trimethylbenzene	< 4.9	19.2	17.5	91	21.1	19.1	91	9	10-179/14
	m,p-Xylene	< 2.0	38.4	35.7	93	42.2	37.7	89	5	14-175/12
95-47-6	o-Xylene	< 0.98	19.2	16.8	88	21.1	18.1	86	7	19-167/13
1330-20-7	Xylene (total)	< 2.0	57.5	52.5	91	63.3	55.8	88	6	14-172/12

CAS No.	Surrogate Recoveries	MS	MSD	DA75521-10 Limits
17060-07-0	1,2-Dichloroethane-D4	119%	117%	130% 59-143%
2037-26-5	Toluene-D8	99%	99%	100% 52-159%
460-00-4	4-Bromofluorobenzene	102%	101%	100% 38-183%

(a) Analytical precision exceeds in house control limits. Both BS and BSD are within passing criteria.

\* = Outside of Control Limits.

7.3.2  
7

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA75521-28MS	1Y014813.D	1	10/04/25	JY	n/a	n/a	V1Y667
DA75521-28MSD	1Y014814.D	1	10/04/25	JY	n/a	n/a	V1Y667
DA75521-28	1Y014817.D	1	10/05/25	JY	n/a	n/a	V1Y667

The QC reported here applies to the following samples:

Method: SW846 8260D

DA75521-28, DA75521-34, DA75521-35, DA75521-36, DA75521-37, DA75521-38, DA75521-40, DA75521-41, DA75521-42

CAS No.	Compound	DA75521-28 Spike ug/kg	MS Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	< 0.47	20.7	15.9	77	18.8	15.3	81	4	15-162/33
100-41-4	Ethylbenzene	< 0.94	20.7	17.0	82	18.8	15.2	81	11	14-168/13
108-88-3	Toluene	0.26	20.7	16.2	77	18.8	14.5	76	11	11-173/43
95-63-6	1,2,4-Trimethylbenzene	< 4.7	20.7	14.5	70* a	18.8	13.4	71* a	8	90-183/15
108-67-8	1,3,5-Trimethylbenzene	< 4.7	20.7	15.0	73	18.8	14.2	76	5	10-179/14
	m,p-Xylene	< 1.9	41.4	34.8	84	37.6	31.6	84	10	14-175/12
95-47-6	o-Xylene	< 0.94	20.7	17.0	82	18.8	15.6	83	9	19-167/13
1330-20-7	Xylene (total)	< 1.9	62	51.8	83	56.4	47.3	84	9	14-172/12

CAS No.	Surrogate Recoveries	MS	MSD	DA75521-28 Limits
17060-07-0	1,2-Dichloroethane-D4	86%	85%	78% 59-143%
2037-26-5	Toluene-D8	100%	104%	103% 52-159%
460-00-4	4-Bromofluorobenzene	101%	97%	101% 38-183%

(a) Outside control limits due to matrix interference. Blank Spike meets acceptance criteria.

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA75521-10MS	2K20056.D	1	10/04/25	JY	n/a	n/a	V2K4647
DA75521-10MSD	2K20057.D	1	10/05/25	JY	n/a	n/a	V2K4647
DA75521-10	2K20058.D	1	10/05/25	JY	n/a	n/a	V2K4647

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

DA75521-10, DA75521-17, DA75521-18, DA75521-19, DA75521-20, DA75521-21, DA75521-22, DA75521-23, DA75521-24, DA75521-25, DA75521-26, DA75521-29, DA75521-30, DA75521-31, DA75521-32, DA75521-33

CAS No.	Compound	DA75521-10 Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD	
	TPH-GRO (C6-C10)	< 200	2110	1310	62	2340	1490	64	13	50-150/30

CAS No.	Surrogate Recoveries	MS	MSD	DA75521-10 Limits
17060-07-0	1,2-Dichloroethane-D4	111%	112%	130%
2037-26-5	Toluene-D8	101%	101%	100%
460-00-4	4-Bromofluorobenzene	101%	103%	100%

\* = Outside of Control Limits.

7.3.4  
7

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA75521-28MS	1Y014815.D	1	10/05/25	JY	n/a	n/a	V1Y667
DA75521-28MSD	1Y014816.D	1	10/05/25	JY	n/a	n/a	V1Y667
DA75521-28	1Y014817.D	1	10/05/25	JY	n/a	n/a	V1Y667

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

DA75521-28, DA75521-34, DA75521-35, DA75521-36, DA75521-37, DA75521-38, DA75521-40, DA75521-41, DA75521-42

CAS No.	Compound	DA75521-28 Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD	
	TPH-GRO (C6-C10)	< 190	1880	1390	74	2070	1520	73	9	50-150/30

CAS No.	Surrogate Recoveries	MS	MSD	DA75521-28 Limits
17060-07-0	1,2-Dichloroethane-D4	82%	86%	78% 59-143%
2037-26-5	Toluene-D8	100%	101%	103% 52-159%
460-00-4	4-Bromofluorobenzene	96%	96%	101% 38-183%

\* = Outside of Control Limits.

7.3.5  
7

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA75521-39MS	2K20125.D	1	10/06/25	PO	n/a	n/a	V2K4649
DA75521-39MSD	2K20126.D	1	10/06/25	PO	n/a	n/a	V2K4649
DA75521-39	2K20124.D	1	10/06/25	PO	n/a	n/a	V2K4649

The QC reported here applies to the following samples:

Method: SW846 8260D

DA75521-12, DA75521-27, DA75521-39

CAS No.	Compound	DA75521-39 Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	< 0.49	19.6	14.5	74	20.4	14.7	1	15-162/33
100-41-4	Ethylbenzene	< 0.98	19.6	15.5	79	20.4	14.9	4	14-168/13
108-88-3	Toluene	< 4.9	19.6	13.1	67	20.4	13.1	0	11-173/43
95-63-6	1,2,4-Trimethylbenzene	< 4.9	19.6	15.6	79* a	20.4	15.3	2	90-183/15
108-67-8	1,3,5-Trimethylbenzene	< 4.9	19.6	13.1	67	20.4	13.0	1	10-179/14
	m,p-Xylene	< 2.0	39.2	29.6	75	40.8	29.1	2	14-175/12
95-47-6	o-Xylene	< 0.98	19.6	14.9	76	20.4	14.8	1	19-167/13
1330-20-7	Xylene (total)	< 2.0	58.9	44.4	75	61.2	43.9	1	14-172/12

CAS No.	Surrogate Recoveries	MS	MSD	DA75521-39 Limits
17060-07-0	1,2-Dichloroethane-D4	120%	113%	138% 59-143%
2037-26-5	Toluene-D8	99%	100%	100% 52-159%
460-00-4	4-Bromofluorobenzene	104%	104%	103% 38-183%

(a) Outside control limits biased low. Blank spike passed criteria.

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA75521-39MS	2K20127.D	1	10/06/25	PO	n/a	n/a	V2K4649
DA75521-39MSD	2K20128.D	1	10/06/25	PO	n/a	n/a	V2K4649
DA75521-39	2K20124.D	1	10/06/25	PO	n/a	n/a	V2K4649

The QC reported here applies to the following samples:

Method: SW846 8260D

DA75521-12, DA75521-27, DA75521-39

CAS No.	Compound	DA75521-39 Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD	
	TPH-GRO (C6-C10)	< 200	2080	1080	52	2000	946	47* a	13	50-150/30

CAS No.	Surrogate Recoveries	MS	MSD	DA75521-39 Limits
17060-07-0	1,2-Dichloroethane-D4	115%	99%	138% 59-143%
2037-26-5	Toluene-D8	101%	100%	100% 52-159%
460-00-4	4-Bromofluorobenzene	102%	98%	103% 38-183%

(a) Outside control limits biased low. Blank spike passed criteria.

\* = Outside of Control Limits.

7.3.7  
7

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA75521-2MS	1I122866.D	1	11/05/25	JY	n/a	n/a	V1I4601
DA75521-2MSD	1I122867.D	1	11/05/25	JY	n/a	n/a	V1I4601
DA75521-2	1I122288.D	1	10/04/25	JY	n/a	n/a	V1I4601

The QC reported here applies to the following samples:

Method: SW846 8260D

DA75521-1, DA75521-2, DA75521-3, DA75521-4, DA75521-5, DA75521-6, DA75521-7, DA75521-8, DA75521-9, DA75521-11, DA75521-13, DA75521-14, DA75521-15, DA75521-16

CAS No.	Compound	DA75521-2 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	< 0.55	22.4	19.0	85	23.3	19.3	83	2	15-162/33
100-41-4	Ethylbenzene	< 1.1	22.4	20.0	89	23.3	20.2	87	1	14-168/13
108-88-3	Toluene	0.46	22.4	18.0	78	23.3	18.2	76	1	11-173/43
95-63-6	1,2,4-Trimethylbenzene	< 5.5	22.4	20.5	92	23.3	20.4	88* <sup>a</sup>	0	90-183/15
108-67-8	1,3,5-Trimethylbenzene	< 5.5	22.4	20.8	93	23.3	20.5	88	1	10-179/14
	m,p-Xylene	< 2.2	44.7	40.1	90	46.6	40.3	86	0	14-175/12
95-47-6	o-Xylene	< 1.1	22.4	20.1	90	23.3	20.2	87	0	19-167/13
1330-20-7	Xylene (total)	< 2.2	67.1	60.2	90	69.9	60.5	87	0	14-172/12

CAS No.	Surrogate Recoveries	MS	MSD	DA75521-2	Limits
17060-07-0	1,2-Dichloroethane-D4	101%	104%	90%	59-143%
2037-26-5	Toluene-D8	100%	100%	100%	52-159%
460-00-4	4-Bromofluorobenzene	100%	101%	95%	38-183%

(a) Outside control limits biased low. Blank spike passed criteria.

\* = Outside of Control Limits.

MS Semi-volatiles

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QC Data Summaries

(SGS Scott, LA)

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Includes the following where applicable:

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

# Method Blank Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28734-MB	V56460.D	1	10/02/25	BA	10/01/25	OP28734	EV1835

The QC reported here applies to the following samples:

Method: SW846 8270E

DA75521-1

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

CAS No.	Surrogate Recoveries	Limits	
4165-60-0	Nitrobenzene-d5	102%	50-150%
321-60-8	2-Fluorobiphenyl	103%	50-150%
1718-51-0	Terphenyl-d14	91%	50-150%

8.1.1  
8

# Method Blank Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28752-MB	V56491.D	1	10/03/25	BA	10/03/25	OP28752	EV1836

The QC reported here applies to the following samples:

Method: SW846 8270E

DA75521-2, DA75521-3, DA75521-4, DA75521-5, DA75521-6, DA75521-7, DA75521-8, DA75521-9, DA75521-10, DA75521-11, DA75521-12, DA75521-13, DA75521-14, DA75521-15, DA75521-16, DA75521-17, DA75521-18, DA75521-19, DA75521-20, DA75521-21

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

CAS No.	Surrogate Recoveries	Limits	
4165-60-0	Nitrobenzene-d5	109%	50-150%
321-60-8	2-Fluorobiphenyl	111%	50-150%
1718-51-0	Terphenyl-d14	103%	50-150%

8.1.2  
8

# Method Blank Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28753-MB	C0082812.D	1	10/03/25	BA	10/03/25	OP28753	EC3216

The QC reported here applies to the following samples:

Method: SW846 8270E

DA75521-22, DA75521-23, DA75521-24, DA75521-25, DA75521-26, DA75521-27, DA75521-28, DA75521-29, DA75521-30, DA75521-31, DA75521-32, DA75521-33, DA75521-34, DA75521-35, DA75521-36, DA75521-37, DA75521-38, DA75521-39, DA75521-40, DA75521-41

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	2.0	ug/kg	
120-12-7	Anthracene	ND	2.0	ug/kg	
56-55-3	Benzo(a)anthracene	ND	2.0	ug/kg	
50-32-8	Benzo(a)pyrene	ND	2.0	ug/kg	
205-99-2	Benzo(b)fluoranthene	0.53	2.0	ug/kg	J
207-08-9	Benzo(k)fluoranthene	1.2	2.0	ug/kg	J
218-01-9	Chrysene	ND	2.0	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	ug/kg	
206-44-0	Fluoranthene	ND	2.0	ug/kg	
86-73-7	Fluorene	ND	2.0	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	1.3	2.0	ug/kg	J
90-12-0	1-Methylnaphthalene	ND	2.0	ug/kg	
91-57-6	2-Methylnaphthalene	ND	2.0	ug/kg	
91-20-3	Naphthalene	ND	2.0	ug/kg	
129-00-0	Pyrene	ND	2.0	ug/kg	

CAS No.	Surrogate Recoveries	Limits	
4165-60-0	Nitrobenzene-d5	97%	50-150%
321-60-8	2-Fluorobiphenyl	106%	50-150%
1718-51-0	Terphenyl-d14	99%	50-150%

8.1.3  
8

# Method Blank Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28762-MB	V56540.D	1	10/06/25	BA	10/06/25	OP28762	EV1838

The QC reported here applies to the following samples:

Method: SW846 8270E

DA75521-42

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

CAS No.	Surrogate Recoveries	Limits	
4165-60-0	Nitrobenzene-d5	101%	50-150%
321-60-8	2-Fluorobiphenyl	106%	50-150%
1718-51-0	Terphenyl-d14	96%	50-150%

8.1.4  
8

# Blank Spike/Blank Spike Duplicate Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28734-BS	V56461.D	1	10/02/25	BA	10/01/25	OP28734	EV1835
OP28734-BSD	V56462.D	1	10/02/25	BA	10/01/25	OP28734	EV1835

The QC reported here applies to the following samples:

Method: SW846 8270E

DA75521-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	1000	982	98	940	94	4	70-130/30
120-12-7	Anthracene	1000	906	91	862	86	5	70-130/30
56-55-3	Benzo(a)anthracene	1000	963	96	914	91	5	70-130/30
50-32-8	Benzo(a)pyrene	1000	937	94	919	92	2	70-130/30
205-99-2	Benzo(b)fluoranthene	1000	916	92	909	91	1	70-130/30
207-08-9	Benzo(k)fluoranthene	1000	1020	102	979	98	4	70-130/30
218-01-9	Chrysene	1000	992	99	935	94	6	70-130/30
53-70-3	Dibenzo(a,h)anthracene	1000	984	98	967	97	2	70-130/30
206-44-0	Fluoranthene	1000	986	99	950	95	4	70-130/30
86-73-7	Fluorene	1000	964	96	928	93	4	70-130/30
193-39-5	Indeno(1,2,3-cd)pyrene	1000	977	98	950	95	3	70-130/30
90-12-0	1-Methylnaphthalene	1000	936	94	921	92	2	70-130/30
91-57-6	2-Methylnaphthalene	1000	951	95	924	92	3	70-130/30
91-20-3	Naphthalene	1000	982	98	952	95	3	70-130/30
129-00-0	Pyrene	1000	978	98	914	91	7	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
4165-60-0	Nitrobenzene-d5	95%	91%	50-150%
321-60-8	2-Fluorobiphenyl	95%	90%	50-150%
1718-51-0	Terphenyl-d14	83%	79%	50-150%

\* = Outside of Control Limits.

# Blank Spike/Blank Spike Duplicate Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28752-BS	V56492.D	1	10/03/25	BA	10/03/25	OP28752	EV1836
OP28752-BSD	V56493.D	1	10/03/25	BA	10/03/25	OP28752	EV1836

The QC reported here applies to the following samples:

Method: SW846 8270E

DA75521-2, DA75521-3, DA75521-4, DA75521-5, DA75521-6, DA75521-7, DA75521-8, DA75521-9, DA75521-10, DA75521-11, DA75521-12, DA75521-13, DA75521-14, DA75521-15, DA75521-16, DA75521-17, DA75521-18, DA75521-19, DA75521-20, DA75521-21

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	1000	887	89	862	86	3	70-130/30
120-12-7	Anthracene	1000	817	82	796	80	3	70-130/30
56-55-3	Benzo(a)anthracene	1000	886	89	850	85	4	70-130/30
50-32-8	Benzo(a)pyrene	1000	874	87	844	84	3	70-130/30
205-99-2	Benzo(b)fluoranthene	1000	873	87	872	87	0	70-130/30
207-08-9	Benzo(k)fluoranthene	1000	932	93	866	87	7	70-130/30
218-01-9	Chrysene	1000	902	90	863	86	4	70-130/30
53-70-3	Dibenzo(a,h)anthracene	1000	880	88	865	87	2	70-130/30
206-44-0	Fluoranthene	1000	895	90	878	88	2	70-130/30
86-73-7	Fluorene	1000	869	87	864	86	1	70-130/30
193-39-5	Indeno(1,2,3-cd)pyrene	1000	894	89	865	87	3	70-130/30
90-12-0	1-Methylnaphthalene	1000	868	87	827	83	5	70-130/30
91-57-6	2-Methylnaphthalene	1000	896	90	852	85	5	70-130/30
91-20-3	Naphthalene	1000	895	90	861	86	4	70-130/30
129-00-0	Pyrene	1000	882	88	861	86	2	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
4165-60-0	Nitrobenzene-d5	96%	91%	50-150%
321-60-8	2-Fluorobiphenyl	97%	94%	50-150%
1718-51-0	Terphenyl-d14	88%	84%	50-150%

\* = Outside of Control Limits.

8.2.2  
8

# Blank Spike/Blank Spike Duplicate Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28753-BS	C0082813.D	1	10/03/25	BA	10/03/25	OP28753	EC3216
OP28753-BSD	C0082814.D	1	10/03/25	BA	10/03/25	OP28753	EC3216

The QC reported here applies to the following samples:

Method: SW846 8270E

DA75521-22, DA75521-23, DA75521-24, DA75521-25, DA75521-26, DA75521-27, DA75521-28, DA75521-29, DA75521-30, DA75521-31, DA75521-32, DA75521-33, DA75521-34, DA75521-35, DA75521-36, DA75521-37, DA75521-38, DA75521-39, DA75521-40, DA75521-41

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	1000	939	94	926	93	1	70-130/30
120-12-7	Anthracene	1000	920	92	916	92	0	70-130/30
56-55-3	Benzo(a)anthracene	1000	924	92	910	91	2	70-130/30
50-32-8	Benzo(a)pyrene	1000	945	95	916	92	3	70-130/30
205-99-2	Benzo(b)fluoranthene	1000	1030	103	1010	101	2	70-130/30
207-08-9	Benzo(k)fluoranthene	1000	914	91	893	89	2	70-130/30
218-01-9	Chrysene	1000	931	93	919	92	1	70-130/30
53-70-3	Dibenzo(a,h)anthracene	1000	979	98	932	93	5	70-130/30
206-44-0	Fluoranthene	1000	983	98	973	97	1	70-130/30
86-73-7	Fluorene	1000	977	98	967	97	1	70-130/30
193-39-5	Indeno(1,2,3-cd)pyrene	1000	950	95	914	91	4	70-130/30
90-12-0	1-Methylnaphthalene	1000	966	97	934	93	3	70-130/30
91-57-6	2-Methylnaphthalene	1000	948	95	919	92	3	70-130/30
91-20-3	Naphthalene	1000	939	94	913	91	3	70-130/30
129-00-0	Pyrene	1000	935	94	949	95	1	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
4165-60-0	Nitrobenzene-d5	97%	102%	50-150%
321-60-8	2-Fluorobiphenyl	104%	100%	50-150%
1718-51-0	Terphenyl-d14	92%	91%	50-150%

\* = Outside of Control Limits.

# Blank Spike/Blank Spike Duplicate Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28762-BS	V56541.D	1	10/06/25	BA	10/06/25	OP28762	EV1838
OP28762-BSD	V56542.D	1	10/06/25	BA	10/06/25	OP28762	EV1838

The QC reported here applies to the following samples:

Method: SW846 8270E

DA75521-42

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	1000	863	86	919	92	6	70-130/30
120-12-7	Anthracene	1000	796	80	847	85	6	70-130/30
56-55-3	Benzo(a)anthracene	1000	833	83	901	90	8	70-130/30
50-32-8	Benzo(a)pyrene	1000	818	82	892	89	9	70-130/30
205-99-2	Benzo(b)fluoranthene	1000	831	83	877	88	5	70-130/30
207-08-9	Benzo(k)fluoranthene	1000	852	85	976	98	14	70-130/30
218-01-9	Chrysene	1000	855	86	942	94	10	70-130/30
53-70-3	Dibenzo(a,h)anthracene	1000	839	84	923	92	10	70-130/30
206-44-0	Fluoranthene	1000	862	86	917	92	6	70-130/30
86-73-7	Fluorene	1000	832	83	894	89	7	70-130/30
193-39-5	Indeno(1,2,3-cd)pyrene	1000	829	83	915	92	10	70-130/30
90-12-0	1-Methylnaphthalene	1000	823	82	893	89	8	70-130/30
91-57-6	2-Methylnaphthalene	1000	849	85	914	91	7	70-130/30
91-20-3	Naphthalene	1000	862	86	920	92	7	70-130/30
129-00-0	Pyrene	1000	832	83	922	92	10	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
4165-60-0	Nitrobenzene-d5	91%	95%	50-150%
321-60-8	2-Fluorobiphenyl	93%	99%	50-150%
1718-51-0	Terphenyl-d14	84%	91%	50-150%

\* = Outside of Control Limits.

# Matrix Spike Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28734-MS	V56464.D	1	10/02/25	BA	10/01/25	OP28734	EV1835
DA75512-6	V56463.D	1	10/02/25	BA	10/01/25	OP28734	EV1835

The QC reported here applies to the following samples:

Method: SW846 8270E

DA75521-1

CAS No.	Compound	DA75512-6 ug/kg	Spike Q	MS ug/kg	MS %	Limits
83-32-9	Acenaphthene	< 2.1	1030	914	89	50-150
120-12-7	Anthracene	< 2.1	1030	835	81	50-150
56-55-3	Benzo(a)anthracene	< 2.1	1030	907	88	50-150
50-32-8	Benzo(a)pyrene	< 2.1	1030	885	86	50-150
205-99-2	Benzo(b)fluoranthene	< 2.1	1030	902	88	50-150
207-08-9	Benzo(k)fluoranthene	< 2.1	1030	926	90	50-150
218-01-9	Chrysene	< 2.1	1030	931	90	50-150
53-70-3	Dibenzo(a,h)anthracene	< 2.1	1030	918	89	50-150
206-44-0	Fluoranthene	< 2.1	1030	922	90	50-150
86-73-7	Fluorene	< 2.1	1030	903	88	50-150
193-39-5	Indeno(1,2,3-cd)pyrene	< 2.1	1030	922	90	50-150
90-12-0	1-Methylnaphthalene	< 2.1	1030	889	86	50-150
91-57-6	2-Methylnaphthalene	< 2.1	1030	909	88	50-150
91-20-3	Naphthalene	< 2.1	1030	916	89	50-150
129-00-0	Pyrene	< 2.1	1030	903	88	50-150

CAS No.	Surrogate Recoveries	MS	DA75512-6	Limits
4165-60-0	Nitrobenzene-d5	94%	98%	50-150%
321-60-8	2-Fluorobiphenyl	95%	98%	50-150%
1718-51-0	Terphenyl-d14	83%	88%	50-150%

\* = Outside of Control Limits.

# Matrix Spike Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28752-MS	V56495.D	1	10/03/25	BA	10/03/25	OP28752	EV1836
DA75521-2	V56494.D	1	10/03/25	BA	10/03/25	OP28752	EV1836

The QC reported here applies to the following samples:

Method: SW846 8270E

DA75521-2, DA75521-3, DA75521-4, DA75521-5, DA75521-6, DA75521-7, DA75521-8, DA75521-9, DA75521-10, DA75521-11, DA75521-12, DA75521-13, DA75521-14, DA75521-15, DA75521-16, DA75521-17, DA75521-18, DA75521-19, DA75521-20, DA75521-21

CAS No.	Compound	DA75521-2 ug/kg	Spike Q	MS ug/kg	MS %	Limits
83-32-9	Acenaphthene	< 2.2	1120	1020	91	50-150
120-12-7	Anthracene	< 2.2	1120	918	82	50-150
56-55-3	Benzo(a)anthracene	< 2.2	1120	994	89	50-150
50-32-8	Benzo(a)pyrene	< 2.2	1120	984	88	50-150
205-99-2	Benzo(b)fluoranthene	< 2.2	1120	1010	90	50-150
207-08-9	Benzo(k)fluoranthene	< 2.2	1120	1010	90	50-150
218-01-9	Chrysene	< 2.2	1120	1000	89	50-150
53-70-3	Dibenzo(a,h)anthracene	< 2.2	1120	1010	90	50-150
206-44-0	Fluoranthene	< 2.2	1120	998	89	50-150
86-73-7	Fluorene	< 2.2	1120	1010	90	50-150
193-39-5	Indeno(1,2,3-cd)pyrene	< 2.2	1120	1020	91	50-150
90-12-0	1-Methylnaphthalene	< 2.2	1120	959	86	50-150
91-57-6	2-Methylnaphthalene	< 2.2	1120	986	88	50-150
91-20-3	Naphthalene	< 2.2	1120	991	89	50-150
129-00-0	Pyrene	< 2.2	1120	1000	89	50-150

CAS No.	Surrogate Recoveries	MS	DA75521-2	Limits
4165-60-0	Nitrobenzene-d5	92%	98%	50-150%
321-60-8	2-Fluorobiphenyl	96%	100%	50-150%
1718-51-0	Terphenyl-d14	84%	90%	50-150%

\* = Outside of Control Limits.

# Matrix Spike Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28753-MS	C0082816.D	1	10/03/25	BA	10/03/25	OP28753	EC3216
DA75521-22	C0082815.D	1	10/03/25	BA	10/03/25	OP28753	EC3216

The QC reported here applies to the following samples:

Method: SW846 8270E

DA75521-22, DA75521-23, DA75521-24, DA75521-25, DA75521-26, DA75521-27, DA75521-28, DA75521-29, DA75521-30, DA75521-31, DA75521-32, DA75521-33, DA75521-34, DA75521-35, DA75521-36, DA75521-37, DA75521-38, DA75521-39, DA75521-40, DA75521-41

CAS No.	Compound	DA75521-22 ug/kg	Spike Q	MS ug/kg	MS %	MS Limits
83-32-9	Acenaphthene	< 2.1	1040	929	89	50-150
120-12-7	Anthracene	< 2.1	1040	902	87	50-150
56-55-3	Benzo(a)anthracene	< 2.1	1040	922	89	50-150
50-32-8	Benzo(a)pyrene	< 2.1	1040	941	91	50-150
205-99-2	Benzo(b)fluoranthene	0.49	1040	1050	101	50-150
207-08-9	Benzo(k)fluoranthene	1.4	1040	893	86	50-150
218-01-9	Chrysene	< 2.1	1040	944	91	50-150
53-70-3	Dibenzo(a,h)anthracene	< 2.1	1040	953	92	50-150
206-44-0	Fluoranthene	< 2.1	1040	980	94	50-150
86-73-7	Fluorene	< 2.1	1040	984	95	50-150
193-39-5	Indeno(1,2,3-cd)pyrene	1.6	1040	928	89	50-150
90-12-0	1-Methylnaphthalene	< 2.1	1040	950	91	50-150
91-57-6	2-Methylnaphthalene	< 2.1	1040	947	91	50-150
91-20-3	Naphthalene	< 2.1	1040	942	91	50-150
129-00-0	Pyrene	< 2.1	1040	965	93	50-150

CAS No.	Surrogate Recoveries	MS	DA75521-22	MS Limits
4165-60-0	Nitrobenzene-d5	97%	98%	50-150%
321-60-8	2-Fluorobiphenyl	98%	100%	50-150%
1718-51-0	Terphenyl-d14	88%	91%	50-150%

\* = Outside of Control Limits.

# Matrix Spike Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28762-MS	V56544.D	1	10/06/25	BA	10/06/25	OP28762	EV1838
DA75521-42	V56543.D	1	10/06/25	BA	10/06/25	OP28762	EV1838

The QC reported here applies to the following samples:

Method: SW846 8270E

DA75521-42

CAS No.	Compound	DA75521-42 Spike ug/kg	Q	MS ug/kg	MS %	Limits
83-32-9	Acenaphthene	< 2.1	1060	926	87	50-150
120-12-7	Anthracene	< 2.1	1060	873	82	50-150
56-55-3	Benzo(a)anthracene	< 2.1	1060	903	85	50-150
50-32-8	Benzo(a)pyrene	< 2.1	1060	902	85	50-150
205-99-2	Benzo(b)fluoranthene	< 2.1	1060	943	89	50-150
207-08-9	Benzo(k)fluoranthene	< 2.1	1060	921	87	50-150
218-01-9	Chrysene	< 2.1	1060	923	87	50-150
53-70-3	Dibenzo(a,h)anthracene	< 2.1	1060	921	87	50-150
206-44-0	Fluoranthene	< 2.1	1060	947	89	50-150
86-73-7	Fluorene	< 2.1	1060	908	85	50-150
193-39-5	Indeno(1,2,3-cd)pyrene	< 2.1	1060	924	87	50-150
90-12-0	1-Methylnaphthalene	< 2.1	1060	909	86	50-150
91-57-6	2-Methylnaphthalene	< 2.1	1060	937	88	50-150
91-20-3	Naphthalene	< 2.1	1060	940	88	50-150
129-00-0	Pyrene	< 2.1	1060	915	86	50-150

CAS No.	Surrogate Recoveries	MS	DA75521-42 Limits
4165-60-0	Nitrobenzene-d5	83%	85% 50-150%
321-60-8	2-Fluorobiphenyl	86%	90% 50-150%
1718-51-0	Terphenyl-d14	77%	82% 50-150%

\* = Outside of Control Limits.

GC/LC Semi-volatiles

QC Data Summaries

(SGS Scott, LA)

Includes the following where applicable:

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

# Method Blank Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28735-MB	KF001232.D	1	10/05/25	JT	10/01/25	OP28735	GKF30

The QC reported here applies to the following samples:

Method: SW846 8015C

DA75521-1

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	1.59	4.0	mg/kg	B
	TPH-ORO (> C28-C36)	1.25	6.0	mg/kg	B

CAS No.	Surrogate Recoveries	Limits
84-15-1	o-Terphenyl	85% 31-127%

# Method Blank Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28754-MB	KF001327.D	1	10/08/25	JT	10/03/25	OP28754	GKF33

The QC reported here applies to the following samples:

Method: SW846 8015C

DA75521-2, DA75521-3, DA75521-4, DA75521-5, DA75521-6, DA75521-7, DA75521-8, DA75521-9, DA75521-10, DA75521-11, DA75521-12, DA75521-13, DA75521-14, DA75521-15, DA75521-16, DA75521-17, DA75521-18, DA75521-19, DA75521-20, DA75521-21

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	2.23	4.0	mg/kg	J
	TPH-ORO (> C28-C36)	2.05	6.0	mg/kg	J

CAS No.	Surrogate Recoveries	Limits
84-15-1	o-Terphenyl	85% 31-127%

## Method Blank Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28755-MB	KF001363.D	1	10/08/25	JT	10/03/25	OP28755	GKF33

The QC reported here applies to the following samples:

Method: SW846 8015C

DA75521-22, DA75521-23, DA75521-24, DA75521-25, DA75521-26, DA75521-27, DA75521-28, DA75521-29, DA75521-30, DA75521-31, DA75521-32, DA75521-33, DA75521-34, DA75521-35, DA75521-36, DA75521-37, DA75521-38, DA75521-39, DA75521-40, DA75521-41

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	1.05	4.0	mg/kg	J
	TPH-ORO (> C28-C36)	ND	6.0	mg/kg	

CAS No.	Surrogate Recoveries	Limits
84-15-1	o-Terphenyl	86% 31-127%

# Method Blank Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28760-MB	KF001404.D	1	10/09/25	JT	10/06/25	OP28760	GKF34

The QC reported here applies to the following samples:

Method: SW846 8015C

DA75521-42

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	2.49	4.0	mg/kg	J
	TPH-ORO (> C28-C36)	1.32	6.0	mg/kg	J

CAS No.	Surrogate Recoveries	Limits
84-15-1	o-Terphenyl	86% 31-127%

# Blank Spike/Blank Spike Duplicate Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28735-BS1	KF001233.D	1	10/05/25	JT	10/01/25	OP28735	GKF30
OP28735-BSD1	KF001234.D	1	10/05/25	JT	10/01/25	OP28735	GKF30

The QC reported here applies to the following samples:

Method: SW846 8015C

DA75521-1

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	500	536	107	554	111	3	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
84-15-1	o-Terphenyl	85%	86%	31-127%

9.2.1

9

\* = Outside of Control Limits.

# Blank Spike/Blank Spike Duplicate Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28735-BS2	KF001235.D	1	10/05/25	JT	10/01/25	OP28735	GKF30
OP28735-BSD2	KF001236.D	1	10/05/25	JT	10/01/25	OP28735	GKF30

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

DA75521-1

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH-ORO (> C28-C36)	500	427	85	423	85	1	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
84-15-1	o-Terphenyl	82%	83%	31-127%

9.2.2  
9

\* = Outside of Control Limits.

# Blank Spike/Blank Spike Duplicate Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28754-BS1	KF001328.D	1	10/08/25	JT	10/03/25	OP28754	GKF33
OP28754-BSD1	KF001329.D	1	10/08/25	JT	10/03/25	OP28754	GKF33

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

DA75521-2, DA75521-3, DA75521-4, DA75521-5, DA75521-6, DA75521-7, DA75521-8, DA75521-9, DA75521-10, DA75521-11, DA75521-12, DA75521-13, DA75521-14, DA75521-15, DA75521-16, DA75521-17, DA75521-18, DA75521-19, DA75521-20, DA75521-21

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	500	577	115	575	115	0	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
84-15-1	o-Terphenyl	89%	88%	31-127%

9.2.3  
9

\* = Outside of Control Limits.

# Blank Spike/Blank Spike Duplicate Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28754-BS2	KF001330.D	1	10/08/25	JT	10/03/25	OP28754	GKF33
OP28754-BSD2	KF001331.D	1	10/08/25	JT	10/03/25	OP28754	GKF33

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

DA75521-2, DA75521-3, DA75521-4, DA75521-5, DA75521-6, DA75521-7, DA75521-8, DA75521-9, DA75521-10, DA75521-11, DA75521-12, DA75521-13, DA75521-14, DA75521-15, DA75521-16, DA75521-17, DA75521-18, DA75521-19, DA75521-20, DA75521-21

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH-ORO (> C28-C36)	500	463	93	449	90	3	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
84-15-1	o-Terphenyl	85%	83%	31-127%

9.2.4  
9

\* = Outside of Control Limits.

# Blank Spike/Blank Spike Duplicate Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28755-BS1	KF001364.D	1	10/08/25	JT	10/03/25	OP28755	GKF33
OP28755-BSD1	KF001365.D	1	10/08/25	JT	10/03/25	OP28755	GKF33

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

DA75521-22, DA75521-23, DA75521-24, DA75521-25, DA75521-26, DA75521-27, DA75521-28, DA75521-29, DA75521-30, DA75521-31, DA75521-32, DA75521-33, DA75521-34, DA75521-35, DA75521-36, DA75521-37, DA75521-38, DA75521-39, DA75521-40, DA75521-41

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	500	587	117	596	119	2	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
84-15-1	o-Terphenyl	91%	89%	31-127%

9.2.5  
9

\* = Outside of Control Limits.

# Blank Spike/Blank Spike Duplicate Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28755-BS2	KF001366.D	1	10/08/25	JT	10/03/25	OP28755	GKF33
OP28755-BSD2	KF001367.D	1	10/08/25	JT	10/03/25	OP28755	GKF33

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

DA75521-22, DA75521-23, DA75521-24, DA75521-25, DA75521-26, DA75521-27, DA75521-28, DA75521-29, DA75521-30, DA75521-31, DA75521-32, DA75521-33, DA75521-34, DA75521-35, DA75521-36, DA75521-37, DA75521-38, DA75521-39, DA75521-40, DA75521-41

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH-ORO (> C28-C36)	500	446	89	462	92	4	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
84-15-1	o-Terphenyl	85%	85%	31-127%

9.2.6  
9

\* = Outside of Control Limits.

# Blank Spike/Blank Spike Duplicate Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28760-BS2	KF001407.D	1	10/09/25	JT	10/06/25	OP28760	GKF34
OP28760-BSD2	KF001408.D	1	10/09/25	JT	10/06/25	OP28760	GKF34

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

DA75521-42

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH-ORO (> C28-C36)	500	442	88	401	80	10	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
84-15-1	o-Terphenyl	86%	86%	31-127%

9.2.7  
9

\* = Outside of Control Limits.

# Blank Spike/Blank Spike Duplicate Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28760-BS1	KF001405.D	1	10/09/25	JT	10/06/25	OP28760	GKF34
OP28760-BSD1	KF001409.D	1	10/09/25	JT	10/06/25	OP28760	GKF34

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

DA75521-42

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	500	590	118	612	122	4	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
84-15-1	o-Terphenyl	89%	89%	31-127%

9.2.8  
9

\* = Outside of Control Limits.

# Matrix Spike Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28735-MS1	KF001247.D	1	10/06/25	JT	10/01/25	OP28735	GKF31
DA75512-6	KF001249.D	1	10/06/25	JT	10/01/25	OP28735	GKF31

The QC reported here applies to the following samples:

Method: SW846 8015C

DA75521-1

CAS No.	Compound	DA75512-6 mg/kg	Spike Q	MS mg/kg	MS %	Limits
	TPH-DRO (C10-C28)	2.67	206	522	101	50-150

CAS No.	Surrogate Recoveries	MS	DA75512-6	Limits
84-15-1	o-Terphenyl	88%	85%	31-127%

9.3.1  
9

\* = Outside of Control Limits.

# Matrix Spike Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28735-MS2	KF001248.D	1	10/06/25	JT	10/01/25	OP28735	GKF31
DA75512-6	KF001249.D	1	10/06/25	JT	10/01/25	OP28735	GKF31

The QC reported here applies to the following samples:

Method: SW846 8015C

DA75521-1

CAS No.	Compound	DA75512-6 mg/kg	Spike Q	MS mg/kg	MS %	Limits
	TPH-ORO (> C28-C36)	2.80	206	426	83	50-150

CAS No.	Surrogate Recoveries	MS	DA75512-6	Limits
84-15-1	o-Terphenyl	84%	85%	31-127%

9.3.2  
9

\* = Outside of Control Limits.

# Matrix Spike Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28754-MS1	KF001332.D	1	10/08/25	JT	10/03/25	OP28754	GKF33
DA75521-2	KF001334.D	1	10/08/25	JT	10/03/25	OP28754	GKF33

The QC reported here applies to the following samples:

Method: SW846 8015C

DA75521-2, DA75521-3, DA75521-4, DA75521-5, DA75521-6, DA75521-7, DA75521-8, DA75521-9, DA75521-10, DA75521-11, DA75521-12, DA75521-13, DA75521-14, DA75521-15, DA75521-16, DA75521-17, DA75521-18, DA75521-19, DA75521-20, DA75521-21

CAS No.	Compound	DA75521-2 mg/kg	Spike Q	MS mg/kg	MS %	Limits
	TPH-DRO (C10-C28)	1.46	559	640	114	50-150

CAS No.	Surrogate Recoveries	MS	DA75521-2	Limits
84-15-1	o-Terphenyl	89%	88%	31-127%

9.3.3  
9

\* = Outside of Control Limits.

# Matrix Spike Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28754-MS2	KF001333.D	1	10/08/25	JT	10/03/25	OP28754	GKF33
DA75521-2	KF001334.D	1	10/08/25	JT	10/03/25	OP28754	GKF33

The QC reported here applies to the following samples:

Method: SW846 8015C

DA75521-2, DA75521-3, DA75521-4, DA75521-5, DA75521-6, DA75521-7, DA75521-8, DA75521-9, DA75521-10, DA75521-11, DA75521-12, DA75521-13, DA75521-14, DA75521-15, DA75521-16, DA75521-17, DA75521-18, DA75521-19, DA75521-20, DA75521-21

CAS No.	Compound	DA75521-2 mg/kg	Spike Q	MS mg/kg	MS %	Limits
	TPH-ORO (> C28-C36)	< 6.7		559	511	91 50-150

CAS No.	Surrogate Recoveries	MS	DA75521-2	Limits
84-15-1	o-Terphenyl	85%	88%	31-127%

9.3.4  
9

\* = Outside of Control Limits.

# Matrix Spike Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28755-MS1	KF001368.D	1	10/08/25	JT	10/03/25	OP28755	GKF33
DA75521-22	KF001370.D	1	10/08/25	JT	10/03/25	OP28755	GKF33

The QC reported here applies to the following samples:

Method: SW846 8015C

DA75521-22, DA75521-23, DA75521-24, DA75521-25, DA75521-26, DA75521-27, DA75521-28, DA75521-29, DA75521-30, DA75521-31, DA75521-32, DA75521-33, DA75521-34, DA75521-35, DA75521-36, DA75521-37, DA75521-38, DA75521-39, DA75521-40, DA75521-41

CAS No.	Compound	DA75521-22 Spike mg/kg	MS Q mg/kg	MS mg/kg	MS %	Limits
	TPH-DRO (C10-C28)	3.41	520	626	120	50-150

CAS No.	Surrogate Recoveries	MS	DA75521-22 Limits
84-15-1	o-Terphenyl	91%	89% 31-127%

9.3.5  
9

\* = Outside of Control Limits.

# Matrix Spike Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28755-MS2	KF001369.D	1	10/08/25	JT	10/03/25	OP28755	GKF33
DA75521-22	KF001370.D	1	10/08/25	JT	10/03/25	OP28755	GKF33

The QC reported here applies to the following samples:

Method: SW846 8015C

DA75521-22, DA75521-23, DA75521-24, DA75521-25, DA75521-26, DA75521-27, DA75521-28, DA75521-29, DA75521-30, DA75521-31, DA75521-32, DA75521-33, DA75521-34, DA75521-35, DA75521-36, DA75521-37, DA75521-38, DA75521-39, DA75521-40, DA75521-41

CAS No.	Compound	DA75521-22 Spike mg/kg	MS Q mg/kg	MS mg/kg	MS %	Limits
	TPH-ORO (> C28-C36)	3.94	519	483	92	50-150

CAS No.	Surrogate Recoveries	MS	DA75521-22 Limits
84-15-1	o-Terphenyl	86%	89% 31-127%

9.3.6  
9

\* = Outside of Control Limits.

# Matrix Spike Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28760-MS1	KF001410.D	1	10/09/25	JT	10/06/25	OP28760	GKF34
DA75521-42	KF001412.D	1	10/09/25	JT	10/06/25	OP28760	GKF34

The QC reported here applies to the following samples:

Method: SW846 8015C

DA75521-42

CAS No.	Compound	DA75521-42 Spike mg/kg	MS Q mg/kg	MS mg/kg	MS %	Limits
	TPH-DRO (C10-C28)	4.15	531	715	134	50-150

CAS No.	Surrogate Recoveries	MS	DA75521-42 Limits
84-15-1	o-Terphenyl	90%	90% 31-127%

9.3.7  
9

\* = Outside of Control Limits.

# Matrix Spike Summary

**Job Number:** DA75521  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28760-MS2	KF001411.D	1	10/09/25	JT	10/06/25	OP28760	GKF34
DA75521-42	KF001412.D	1	10/09/25	JT	10/06/25	OP28760	GKF34

The QC reported here applies to the following samples:

Method: SW846 8015C

DA75521-42

CAS No.	Compound	DA75521-42 Spike mg/kg	Q	MS mg/kg	MS %	Limits
	TPH-ORO (> C28-C36)	2.70	531	432	81	50-150

CAS No.	Surrogate Recoveries	MS	DA75521-42 Limits
84-15-1	o-Terphenyl	85%	90% 31-127%

\* = Outside of Control Limits.

## Metals Analysis

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### QC Data Summaries

(SGS Scott, LA)

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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: DA75521  
Account: ALMS - SGS Wheat Ridge, CO  
Project: CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

QC Batch ID: MP31742  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 09/29/25

Metal	RL	IDL	MDL	MB raw	final
Calcium	100	4.5	32	43.2	<100
Magnesium	100	24	40	7.0	<100
Sodium	500	33	120	21.8	<500

Associated samples MP31742: DA75521-1A, DA75521-2A, DA75521-3A, DA75521-4A, DA75521-5A, DA75521-6A, DA75521-7A, DA75521-8A, DA75521-9A, DA75521-10A, DA75521-11A, DA75521-12A, DA75521-13A, DA75521-14A, DA75521-15A, DA75521-16A, DA75521-17A, DA75521-18A, DA75521-19A, DA75521-20A

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

10.1.1  
10

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA75521  
 Account: ALMS - SGS Wheat Ridge, CO  
 Project: CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

QC Batch ID: MP31742  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 09/29/25

Metal	DA75521-1A Original	DUP	RPD	QC Limits
Calcium	68300	68300	0.0	0-20
Magnesium	21500	21200	1.4	0-20
Sodium	46400	47200	1.7	0-20

Associated samples MP31742: DA75521-1A, DA75521-2A, DA75521-3A, DA75521-4A, DA75521-5A, DA75521-6A, DA75521-7A, DA75521-8A, DA75521-9A, DA75521-10A, DA75521-11A, DA75521-12A, DA75521-13A, DA75521-14A, DA75521-15A, DA75521-16A, DA75521-17A, DA75521-18A, DA75521-19A, DA75521-20A

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

10.1.2  
10

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA75521  
 Account: ALMS - SGS Wheat Ridge, CO  
 Project: CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

QC Batch ID: MP31742  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 09/29/25

Metal	BSP Result	Spikelot LA29BSPIKE% Rec	QC Limits
Calcium	4130	4000	103.3 80-120
Magnesium	2110	2000	105.5 80-120
Sodium	102000	100000	102.0 80-120

Associated samples MP31742: DA75521-1A, DA75521-2A, DA75521-3A, DA75521-4A, DA75521-5A, DA75521-6A, DA75521-7A, DA75521-8A, DA75521-9A, DA75521-10A, DA75521-11A, DA75521-12A, DA75521-13A, DA75521-14A, DA75521-15A, DA75521-16A, DA75521-17A, DA75521-18A, DA75521-19A, DA75521-20A

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

10.1.3  
 10

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: DA75521  
Account: ALMS - SGS Wheat Ridge, CO  
Project: CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

QC Batch ID: MP31743  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 09/29/25

Metal	RL	IDL	MDL	MB	
				raw	final
Calcium	100	3.8	32	-4.5	<100
Magnesium	100	22	40	0.050	<100
Sodium	500	20	120	-4.3	<500

Associated samples MP31743: DA75521-21A, DA75521-22A, DA75521-23A, DA75521-24A, DA75521-25A, DA75521-26A, DA75521-27A, DA75521-28A, DA75521-29A, DA75521-30A, DA75521-31A, DA75521-32A, DA75521-33A, DA75521-34A, DA75521-35A, DA75521-36A, DA75521-37A, DA75521-38A, DA75521-39A, DA75521-40A

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: DA75521  
 Account: ALMS - SGS Wheat Ridge, CO  
 Project: CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

QC Batch ID: MP31743  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 09/29/25

Metal	DA75521-21A		RPD	QC Limits
	Original	DUP		
Calcium	425000	427000	0.5	0-20
Magnesium	35400	35200	0.6	0-20
Sodium	20900	20700	1.0	0-20

Associated samples MP31743: DA75521-21A, DA75521-22A, DA75521-23A, DA75521-24A, DA75521-25A, DA75521-26A, DA75521-27A, DA75521-28A, DA75521-29A, DA75521-30A, DA75521-31A, DA75521-32A, DA75521-33A, DA75521-34A, DA75521-35A, DA75521-36A, DA75521-37A, DA75521-38A, DA75521-39A, DA75521-40A

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: DA75521  
 Account: ALMS - SGS Wheat Ridge, CO  
 Project: CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

QC Batch ID: MP31743  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 09/29/25

Metal	BSP Result	Spikelot LA29BSPIKE% Rec	QC Limits
Calcium	3950	4000 98.8	80-120
Magnesium	1980	2000 99.0	80-120
Sodium	98300	100000 98.3	80-120

Associated samples MP31743: DA75521-21A, DA75521-22A, DA75521-23A, DA75521-24A, DA75521-25A, DA75521-26A, DA75521-27A, DA75521-28A, DA75521-29A, DA75521-30A, DA75521-31A, DA75521-32A, DA75521-33A, DA75521-34A, DA75521-35A, DA75521-36A, DA75521-37A, DA75521-38A, DA75521-39A, DA75521-40A

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: DA75521  
Account: ALMS - SGS Wheat Ridge, CO  
Project: CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

QC Batch ID: MP31744  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 09/29/25

Metal	RL	IDL	MDL	MB	
				raw	final
Calcium	100	4.5	32	46.3	<100
Magnesium	100	24	40	7.5	<100
Sodium	500	33	120	22.1	<500

Associated samples MP31744: DA75521-41A, DA75521-42A

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: DA75521  
 Account: ALMS - SGS Wheat Ridge, CO  
 Project: CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

QC Batch ID: MP31744  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 09/29/25

Metal	DA75521-41A		RPD	QC Limits
	Original	DUP		
Calcium	42800	42300	1.2	0-20
Magnesium	14300	14000	2.1	0-20
Sodium	9310	9430	1.3	0-20

Associated samples MP31744: DA75521-41A, DA75521-42A

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

10.3.2  
 10

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA75521  
 Account: ALMS - SGS Wheat Ridge, CO  
 Project: CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

QC Batch ID: MP31744  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 09/29/25

Metal	BSP Result	Spikelot LA29BSPIKE	% Rec	QC Limits
Calcium	4090	4000	102.3	80-120
Magnesium	2060	2000	103.0	80-120
Sodium	104000	100000	104.0	80-120

Associated samples MP31744: DA75521-41A, DA75521-42A

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

10.3.3  
 10

Misc. Forms

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Custody Documents and Other Forms

(SGS Dayton, NJ)

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Includes the following where applicable:

- Chain of Custody











## SGS Sample Receipt Summary

Job Number: DA75521

Client: \_\_\_\_\_

Project: \_\_\_\_\_

Date / Time Received: 10/15/2025 11:00:00 AM

Delivery Method: FEDEX

Airbill #'s: \_\_\_\_\_

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

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

**Cooler Security**

Y or N

Y or N

- |                           |                                     |                          |                        |                                     |                          |
|---------------------------|-------------------------------------|--------------------------|------------------------|-------------------------------------|--------------------------|
| 1. Custody Seals Present: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. COC Present:        | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Custody Seals Intact:  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Smp'l Dates/Time OK | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

**Cooler Temperature**

Y or N

- |                              |                                     |                          |
|------------------------------|-------------------------------------|--------------------------|
| 1. Temp criteria achieved:   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Cooler temp verification: | <u>IR-50</u>                        |                          |
| 3. Cooler media:             | <u>Ice (Bag)</u>                    |                          |
| 4. No. Coolers:              | <u>1</u>                            |                          |

**Quality Control Preservation**

Y or N

N/A

- |                                 |                                     |                          |                                     |
|---------------------------------|-------------------------------------|--------------------------|-------------------------------------|
| 1. Trip Blank present / cooler: | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Trip Blank listed on COC:    | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Samples preserved properly:  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                                     |
| 4. VOCs headspace free:         | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

**Sample Integrity - Documentation**

Y or N

- |  |                                     |                          |
|--|-------------------------------------|--------------------------|
| 1. Sample labels present on bottles:   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Container labeling complete:        | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Sample container label / COC agree: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

**Sample Integrity - Condition**

Y or N

- |                                  |                                     |                          |
|----------------------------------|-------------------------------------|--------------------------|
| 1. Sample recvd within HT:       | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. All containers accounted for: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Condition of sample:          | <u>Intact</u>                       |                          |

**Sample Integrity - Instructions**

Y or N

N/A

- |   |                                     |                                     |                                     |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Analysis requested is clear:           | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                                     |
| 2. Bottles received for unspecified tests | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                                     |
| 3. Sufficient volume recvd for analysis:  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                                     |
| 4. Compositing instructions clear:        | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 5. Filtering instructions clear:          | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

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

Comments

SM089-03  
Rev. Date 12/7/17

11.1  
11

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: DA75521  
Account: ALMS - SGS Wheat Ridge, CO  
Project: CHEVR/COG: TASMCOA: Dr Joe CC-64N63W 6SESE

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chromium, Hexavalent	GP64818/GN74921	0.40	0.0	mg/kg	40	35.2	88.0	80-120%
Chromium, Hexavalent	GP64818/GN74921			mg/kg	1090	963	88.0	80-120%
Chromium, Hexavalent	GP64820/GN74984	0.40	0.0	mg/kg	40	36.2	90.5	80-120%
Chromium, Hexavalent	GP64820/GN74984			mg/kg	804	794	98.7	80-120%
Chromium, Hexavalent	GP64821/GN75039	0.40	0.0	mg/kg	40	35.3	88.3	80-120%
Chromium, Hexavalent	GP64821/GN75039			mg/kg	669	704	105.2	80-120%

Associated Samples:

Batch GP64818: DA75521-1, DA75521-2, DA75521-3, DA75521-4, DA75521-5, DA75521-6, DA75521-7, DA75521-8, DA75521-9, DA75521-10, DA75521-11, DA75521-12

Batch GP64820: DA75521-13, DA75521-14, DA75521-15, DA75521-16, DA75521-17, DA75521-18, DA75521-19, DA75521-20, DA75521-21, DA75521-22, DA75521-23, DA75521-24, DA75521-25, DA75521-26, DA75521-27, DA75521-28, DA75521-29, DA75521-30, DA75521-31, DA75521-32

Batch GP64821: DA75521-33, DA75521-34, DA75521-35, DA75521-36, DA75521-37, DA75521-38, DA75521-39, DA75521-40, DA75521-41, DA75521-42

(\*) Outside of QC limits

12.1  
12

DUPLICATE RESULTS SUMMARY  
GENERAL CHEMISTRY

Login Number: DA75521  
Account: ALMS - SGS Wheat Ridge, CO  
Project: CHEVRCOG: TASMCOA: Dr Joe CC-64N63W 6SESE

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Chromium, Hexavalent	GP64818/GN74921	DA76168-1	mg/kg	0.0	0.0	0.0	0-20%
Chromium, Hexavalent	GP64820/GN74984	DA75521-13	mg/kg	0.38	0.0	200.0(a)	0-20%
Chromium, Hexavalent	GP64821/GN75039	DA75521-33	mg/kg	0.0	0.0	0.0	0-20%

Associated Samples:

Batch GP64818: DA75521-1, DA75521-2, DA75521-3, DA75521-4, DA75521-5, DA75521-6, DA75521-7, DA75521-8, DA75521-9, DA75521-10, DA75521-11, DA75521-12

Batch GP64820: DA75521-13, DA75521-14, DA75521-15, DA75521-16, DA75521-17, DA75521-18, DA75521-19, DA75521-20, DA75521-21, DA75521-22, DA75521-23, DA75521-24, DA75521-25, DA75521-26, DA75521-27, DA75521-28, DA75521-29, DA75521-30, DA75521-31, DA75521-32

Batch GP64821: DA75521-33, DA75521-34, DA75521-35, DA75521-36, DA75521-37, DA75521-38, DA75521-39, DA75521-40, DA75521-41, DA75521-42

(\*) Outside of QC limits

(a) RPD acceptable due to low duplicate and sample concentrations.

12.2  
12

MATRIX SPIKE RESULTS SUMMARY  
GENERAL CHEMISTRY

Login Number: DA75521  
Account: ALMS - SGS Wheat Ridge, CO  
Project: CHEVRCOG: TASMCOA: Dr Joe CC-64N63W 6SESE

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chromium, Hexavalent	GP64818/GN74921	DA76168-1	mg/kg	0.0	50.4	42.9	85.1 (a)	75-125%
Chromium, Hexavalent	GP64818/GN74921	DA76168-1	mg/kg	0.0	1240	1150	93.1 (b)	75-125%
Chromium, Hexavalent	GP64820/GN74984	DA75521-13	mg/kg	0.38	42	37.3	87.8 (c)	75-125%
Chromium, Hexavalent	GP64820/GN74984	DA75521-13	mg/kg	0.38	869	861	99.1 (b)	75-125%
Chromium, Hexavalent	GP64821/GN75039	DA75521-33	mg/kg	0.0	43.3	36.2	83.7 (d)	75-125%
Chromium, Hexavalent	GP64821/GN75039	DA75521-33	mg/kg	0.0	788	785	99.6 (b)	75-125%

Associated Samples:

Batch GP64818: DA75521-1, DA75521-2, DA75521-3, DA75521-4, DA75521-5, DA75521-6, DA75521-7, DA75521-8, DA75521-9, DA75521-10, DA75521-11, DA75521-12

Batch GP64820: DA75521-13, DA75521-14, DA75521-15, DA75521-16, DA75521-17, DA75521-18, DA75521-19, DA75521-20, DA75521-21, DA75521-22, DA75521-23, DA75521-24, DA75521-25, DA75521-26, DA75521-27, DA75521-28, DA75521-29, DA75521-30, DA75521-31, DA75521-32

Batch GP64821: DA75521-33, DA75521-34, DA75521-35, DA75521-36, DA75521-37, DA75521-38, DA75521-39, DA75521-40, DA75521-41, DA75521-42

(\*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(a) Good recovery on soluble XCR matrix spike. Good recovery (97.4%) on the post-spike.

(b) Good recovery on insoluble XCR matrix spike. See additional comments on soluble matrix spike recovery.

(c) Good recovery on soluble XCR matrix spike. Good recovery (102.4%) on the post-spike.

(d) Good recovery on soluble XCR matrix spike. Good recovery (96.86%) on the post-spike.

12.3  
12

Misc. Forms

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Custody Documents and Other Forms

(SGS Scott, LA)

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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 # DA75521

Table with columns: Client / Reporting Information, Project Information, Requested Analysis (see TEST CODE sheet), Matrix Codes, and LAB USE ONLY. Includes sample details for BH07 and BH08.

Turnaround Time (Business days)
Approved By (SGS PM) / Date:
Data Deliverable Information
Commercial "A" (Level 1)
Commercial "B" (Level 2)
Commercial "C"
State Forms
EDD Format
Other
Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data
http://www.sgs.com/en/terms-and-conditions

Table for Sample Custody with columns: Relinquished by Sampler, Date Time, Received By, Date Time, Relinquished By, Date Time, Received By, Date Time. Includes handwritten signatures and dates.

DA75521: Chain of Custody

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### 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

Client / Reporting Information		Project Information		Requested Analysis ( see TEST CODE sheet)										Matrix Codes	
Company Name <b>SGS North America Inc.</b>		Project Name <b>TASMCOA: Dr.Joe CC-64N63W 6SESE</b>												DW - Drinking Water SW - Surface Water WW - Water SW - Surface Water SO - Soil SL - Sludge SED-Sediment LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB-Field Blank EB-Equipment Blank RB- Rinse Blank TB-Trip Blank	
Street Address <b>4036 Youngfield Street</b>		Street													
City State Zip <b>Wheat Ridge, CO 80033</b>		City State													
Project Contact E-mail <b>parma.eskandaripayandeh@sgs.com</b>		Project #													
Phone # <b>303-425-6021</b>		Client Purchase Order #													
Sampler(s) Name(s) <b>MR</b>		Project Manager													
SGS Sample #		MECH/ID Vial #		Collection		Matrix		# of bottles		Number of preserved Bottles				LAB USE ONLY	
Field ID / Point of Collection		Date		Time		Sampled by									
19	BH09@2-3'		9/22/25		12:36:00 PM	MR	SO								
19A	BH09@2-3'		9/22/25		12:36:00 PM	MR	SO								
20	BH09@4-5'		9/22/25		12:41:00 PM	MR	SO								
20A	BH09@4-5'		9/22/25		12:41:00 PM	MR	SO								
21	BH09@6-7'		9/22/25		12:44:00 PM	MR	SO								
21A	BH09@6-7'		9/22/25		12:44:00 PM	MR	SO								
22	BH10@2-3'		9/22/25		1:07:00 PM	MR	SO								
22A	BH10@2-3'		9/22/25		1:07:00 PM	MR	SO								
23	BH10@4-5'		9/22/25		1:12:00 PM	MR	SO								
23A	BH10@4-5'		9/22/25		1:12:00 PM	MR	SO								
24	BH10@6-7'		9/22/25		1:15:00 PM	MR	SO								
24A	BH10@6-7'		9/22/25		1:15:00 PM	MR	SO								
Turnaround Time ( Business days)		Approved By (SGS PM): / Date:		Data Deliverable Information										Comments / Special Instructions	
<input type="checkbox"/> Standard 10 Day (business) <input type="checkbox"/> 5 Business Days RUSH <input type="checkbox"/> 3 Business Days RUSH <input type="checkbox"/> 2 Business Days RUSH <input type="checkbox"/> 1 Business Day EMERGENCY <input checked="" type="checkbox"/> other Due 10/1/2025				<input type="checkbox"/> Commercial "A" ( Level 1) <input type="checkbox"/> State Forms <input type="checkbox"/> Commercial "B" ( Level 2) <input type="checkbox"/> EDD Format <input type="checkbox"/> REDT1 ( Level 3) <input type="checkbox"/> Other <input type="checkbox"/> FULT1 ( Level 4) <input type="checkbox"/> UUC <input checked="" type="checkbox"/> Commercial "C" Commercial "A" = Results Only Commercial "B" = Results + QC Summary Commercial "C" = Results + QC Summary + Partial Raw data <a href="http://www.sgs.com/en/terms-and-conditions">http://www.sgs.com/en/terms-and-conditions</a>											
Sample Custody must be documented below each time samples change possession, including courier delivery.															
Relinquished by Sampler:	Date Time:	Received By:	Date Time:	Relinquished By:	Date Time:	Received By:	Date Time:	Relinquished By:	Date Time:	Received By:	Date Time:	Relinquished By:	Date Time:	Received By:	Date Time:
1		SWC	9/22/25	2		SWC	9/22/25 0000	3		DA	9/24/25	4		DA	9/24/25
3		DA	9/24/25 2047	5		Perez Sam	9/24/25 715	4				5			
Relinquished by:	Date Time:	Received By:	Date Time:	Relinquished By:	Date Time:	Received By:	Date Time:	Relinquished By:	Date Time:	Received By:	Date Time:	Relinquished By:	Date Time:	Received By:	Date Time:
Customs Form #		Intact		Preserved where applicable		Therm ID:		On Ice		Cooler Temp.					
US/COOL		<input checked="" type="checkbox"/>		<input type="checkbox"/>		J2002		<input type="checkbox"/>		1.3 2.4 1.1 1.6 2.2 1.3					

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DA75521: Chain of Custody

Page 4 of 16







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

Table with 2 columns: FED-EX Tracking #, Bottle Order Control #; SGS Quote #, SGS Job #

Main form containing Client/Reporting Information, Project Information, Requested Analysis (see TEST CODE sheet), Matrix Codes, and a detailed table of samples with columns for Sample #, Field ID, Date, Time, Matrix, and various analysis parameters.

Section for Turnaround Time (Business days), Approved By (SGS PM) / Date, Data Deliverable Information, and Comments / Special Instructions.

Section for Sample Custody, including Relinquished By, Received By, Date Time, and Sample ID.

Handwritten notes: 1.3 2.4, 1.1 1.6, 2.2 1.3

13.1 13







**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

<b>Client / Reporting Information</b> Company Name: <b>SGS North America Inc.</b>		<b>Project Information</b> Project Name: <b>Ellsworth Air Force Base, Spring 2018 LTM, SD</b>				<b>Requested Analysis ( see TEST CODE sheet DA75521)</b>										<b>Matrix Codes</b>	
Street Address: <b>4036 Youngfield Street</b> City: <b>Wheat Ridge, CO 80033</b>		Street: <b>TASMCOA: Dr.Joe CC-64N63W 6ESE</b> City: _____ State: _____				Billing Information ( if different from Report to) Company Name: _____										DW - Drinking Water GW - Ground 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	
Project Contact: _____ E-mail: <b>parna.eskandaripayandeh@sgs</b>		Project #: _____				Street Address: _____										LAB USE ONLY	
Phone #: _____ Fax #: _____		Client Purchase Order #: _____				City: _____ State: _____ Zip: _____											
Sampler(s) Name(s): _____		Project Manager: _____				Attention: _____											
Turnaround Time ( Business days)		Data Deliverable Information										Comments / Special Instructions					
<input type="checkbox"/> Standard 10 Day (business) <input type="checkbox"/> 5 Business Days RUSH <input type="checkbox"/> 3 Business Days RUSH <input type="checkbox"/> 2 Business Days RUSH <input type="checkbox"/> 1 Business Day EMERGENCY <input type="checkbox"/> other _____		Approved By (SGS PM) / Date: _____				<input type="checkbox"/> Commercial "A" ( Level 1) <input type="checkbox"/> Commercial "B" ( Level 2) <input type="checkbox"/> REDT1 ( Level 3) <input type="checkbox"/> FULLT1 ( Level 4) <input type="checkbox"/> Commercial "C" <input type="checkbox"/> State Forms <input type="checkbox"/> EDD Format <input type="checkbox"/> Other _____										Commercial "A" = Results + X Commercial "B" = Results + QC Summary Commercial "C" = Results + QC Summary + Partial Raw data <a href="http://www.sgs.com/en/terms-and-conditions">http://www.sgs.com/en/terms-and-conditions</a>	
X Due 10/1/2025														Sample Custody must be documented below each time samples change possession, including courier delivery.			
Relinquished by Sampler: <b>DA</b> Date Time: <b>9/22/25</b>		Received By: <b>SWC</b>		Relinquished By: <b>SWC</b> Date Time: <b>9/23/24 0000</b>		Received By: <b>DA</b>											
Relinquished by Sampler: <b>DA</b> Date Time: <b>9/22/25 2047</b>		Received By: <b>Renee Sam</b>		Relinquished By: <b>SWC</b> Date Time: <b>9/23/24 0000</b>		Received By: <b>DA</b>											
Relinquished by: _____ Date Time: _____		Received By: _____		Relinquished By: _____ Date Time: _____		Received By: _____		Custody Seal: <b>Chloe</b>		<input type="checkbox"/> Intact <input type="checkbox"/> Not intact		Preserved where applicable: <input type="checkbox"/> Therm ID: <b>IR002</b>		On Ice: <input type="checkbox"/> Cooler Temp: <b>1.3, 1.1, 1.2, 2.4, 1.6</b>			

13.1  
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Printed on:  
23 SEP 12:44

SOUTHWEST AIRLINES

526 DEN 2963 8873

**HOU**

PC# 1 OF 6 | DU LOT W | G 150 LB (204.1 KG)

DEN WN 2294 23 SEP 14:00

STN FLT DATE ETD

**NFG**


PC ID: 0001  
PC WT: 75LB  
6 29638873 0001




SOUTHWEST AIRLINES


Printed on:  
23 SEP 12:44

**526 DEN 2963 8873**



<b>HOU</b>	PC# 2 OF 6 DG G LOT WT 450 LB (204.1 KG)	DEN WN 2294 23 SEP 14:00 STN FLT DATE ETD LOT 01
------------	---	---

**NFG**



PC ID: 0002  
PC WT: 75LB  
526 29638873 0002

Printed on:  
23 SEP 12:44

SOUTHWEST AIRLINES

526 DEN 2963 8873

**HOU**

PC# 3 OF 6 DG G

(2.00) KG

DEN WN 2294 23 SEP 14:00

STN FLT DATE ETD LOT U

PC ID: 0003  
PC WT: 75LB

526 29638873 0003

**NEG**

Printed on:  
23 SEP 12:44

SOUTHWEST AIRLINES

526 DEN 2963 8873

**HOU**

PC#	DG	LOT WT
4 OF 6	G	450 LB (204.1 KG)

DEN 14:00  
SEP 14:00

STK DATE ETD LOT 01

**NES**

ID: 0004  
WT: 75LB

Printed on:  
23 SEP 12:44

**SOUTHWEST AIRLINES**  
**526 DEN 2963 8873**

**HOU**

PC# 5 OF 6 DC G LOT WT 450 LB (204.1 KG)

DEN WIN 2294 23 SEP 14:00

STN FLT DATE ETD LOT 01

**NE**

PC ID: 0005  
PC WT: 75LB

526 29638873 0005

Printed on:  
23 SEP 12:44

SOUTHWEST AIRLINES

526 DEN 2963 8873

**HOU**

PC#	DG	LOT WT
6 OF 6	G	450 LB (204.1 KG)

DEN WN 2294 23 SEP 14:00

STN FLT DATE ETD LOT 01

**NFG**

PC ID: 0006  
PC WT: 75LB  
526 29638873 0006



P.O. BOX 5688  
DENVER, CO 80217  
US +1 (303) 576-0020



**SULLIVAN**  
Cargo  
3265933873 swacargo.com (800) 538-1222

Consignee's Name and Address  
SGS NORTH AMERICA  
1715 MARKWIN DRIVE  
HOUSTON, TX 77048  
US +1 (281) 881-1457

Copies 1, 2 and 3 of this Air Waybill are originals and have the same validity.  
Received in Good Order & Condition at:  
HOU - 6 pm 09/23/2025 20:47 CDT by BRYAN ANTHONY

Issuing Carrier's Agent Name and City  
?

Agent's IATA Code  
Account No.

Airport of Departure (Addr. of First Carrier) and Requested Routing  
DENVER

To By First Carrier To By  
HOU SOUTHWEST AIRLINES

Flight Date For Carrier Use Only Flight Date  
WN2294 / 23SEP

Airport of Destination  
HOU

Accounting Information  
Service Label - N

Chgs	WT/VOL	Other	Declared Value for Charge	Declared Value for Customs
PP	COLL	POST		
PP	X	X		
USD				

INSURANCE - If carrier offers insurance, it shall be subject to the applicable conditions of insurance. The amount to be insured in figures in box marked "Amount of Insurance".

HANDLING INFORMATION -

Rate Class Chargeable Weight Rate Charge  
B 450 L 0000 As Agreed

No. of Pieces RCP 6 450 L

Gross Weight 450

Commodity Item No. 0000

Total

Nature and Quantity of Goods (Inc. Dimensions or Volume)  
SOIL/WATER/AIR SAMPLES  
5 = 13 X 13 X 24  
1 = 16 X 15 X 12

Other Charges and Description  
MYC 0.00 SCC 0.00

Prepaid Weight Charge Collect  
Valuation Charge  
Tax

Total Other Charges Due Agent  
Total Other Charges Due Carrier

Signature of Shipper or his Agent  
TIMOTHY WINGERT

Signature of Issuing Carrier or its Agent  
526-29638873

Currency Conversion Rates  
09/23/2025 12:43 MDT DEN E81162

For Carriers Use only at Destination  
Charges at Destination  
Total Collect Charges

DA 9-23-25 2047  
DA 9-24-25 0000  
COPY 4 (DELIVERY RECEIPT)

## SGS Sample Receipt Summary

Job Number: DA75521

Client: SGS CO

Project: TASMCOA DR JOE CC-64N63W 6SESE

Date / Time Received: 9/24/2025 7:15:00 AM

Delivery Method: THWEST AIRLINES CAI

Airbill #'s: 52629638873 0001-0006

**Cooler Temps (Raw Measured) °C:** Cooler 1: (1.3); Cooler 2: (1.1); Cooler 3: (2.2); Cooler 4: (2.4); Cooler 5: (1.6); Cooler 6: (1.3);

**Cooler Temps (Corrected) °C:** Cooler 1: (1.1); Cooler 2: (0.9); Cooler 3: (2.0); Cooler 4: (2.2); Cooler 5: (1.4); Cooler 6: (1.1);

**Cooler Security**

Y or N

Y or N

- |                           |                                     |                          |                        |                                     |                          |
|---------------------------|-------------------------------------|--------------------------|------------------------|-------------------------------------|--------------------------|
| 1. Custody Seals Present: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. COC Present:        | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Custody Seals Intact:  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Smp'l Dates/Time OK | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

**Cooler Temperature**

Y or N

- |                              |                                     |                          |
|------------------------------|-------------------------------------|--------------------------|
| 1. Temp criteria achieved:   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Cooler temp verification: | _____                               |                          |
| 3. Cooler media:             | <u>Ice (direct contact)</u>         |                          |
| 4. No. Coolers:              | <u>6</u>                            |                          |

**Quality Control Preservatio**

Y or N

N/A

- |                                 |                                     |                                     |                          |
|---------------------------------|-------------------------------------|-------------------------------------|--------------------------|
| 1. Trip Blank present / cooler: | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Trip Blank listed on COC:    | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Samples preserved properly:  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                          |
| 4. VOCs headspace free:         | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

**Sample Integrity - Documentation**

Y or N

- |  |                                     |                          |
|--|-------------------------------------|--------------------------|
| 1. Sample labels present on bottles:   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Container labeling complete:        | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Sample container label / COC agree: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

**Sample Integrity - Condition**

Y or N

- |                                  |                                     |                          |
|----------------------------------|-------------------------------------|--------------------------|
| 1. Sample recvd within HT:       | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. All containers accounted for: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Condition of sample:          | <u>Intact</u>                       |                          |

**Sample Integrity - Instructions**

Y or N

N/A

- |   |                                     |                                     |                                     |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Analysis requested is clear:           | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                                     |
| 2. Bottles received for unspecified tests | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                                     |
| 3. Sufficient volume recvd for analysis:  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                                     |
| 4. Compositing instructions clear:        | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 5. Filtering instructions clear:          | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

Test Strip Lot #s:	pH 1-12: _____	pH 12+: _____	Other: (Specify) _____
--------------------	----------------	---------------	------------------------

Comments

SM089-03  
Rev. Date 12/7/17

13.1  
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General Chemistry

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: DA75521  
Account: ALMS - SGS Wheat Ridge, CO  
Project: CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Specific Conductivity	GN34661			mmhos/cm	xxxxxxx	1.3	92.0	90-110%
Specific Conductivity	GN34662			mmhos/cm	xxxxxxx	1.3	93.0	90-110%
Specific Conductivity	GN34666			mmhos/cm	xxxxxxx	1.4	96.0	90-110%
pH	GN34601			su	xxxxxxx	7.00	100.0	99.1-100.9%
pH	GN34602			su	xxxxxxx	7.05	100.7	99.1-100.9%
pH	GN34604			su	xxxxxxx	7.01	100.1	99.1-100.9%

Associated Samples:

Batch GN34601: DA75521-1, DA75521-2, DA75521-3, DA75521-4, DA75521-5, DA75521-6, DA75521-7, DA75521-8, DA75521-9, DA75521-10, DA75521-11, DA75521-12, DA75521-13

Batch GN34602: DA75521-14, DA75521-15, DA75521-16, DA75521-17, DA75521-18, DA75521-19, DA75521-20, DA75521-21, DA75521-22, DA75521-23, DA75521-24, DA75521-25, DA75521-26, DA75521-27, DA75521-28, DA75521-29, DA75521-30, DA75521-31, DA75521-32, DA75521-33

Batch GN34604: DA75521-34, DA75521-35, DA75521-36, DA75521-37, DA75521-38, DA75521-39, DA75521-40, DA75521-41, DA75521-42

Batch GN34661: DA75521-1, DA75521-2, DA75521-3, DA75521-4, DA75521-5, DA75521-6, DA75521-7, DA75521-8, DA75521-9, DA75521-10, DA75521-11, DA75521-12, DA75521-13, DA75521-14, DA75521-15, DA75521-16, DA75521-17, DA75521-18, DA75521-19, DA75521-20

Batch GN34662: DA75521-21, DA75521-22, DA75521-23, DA75521-24, DA75521-25, DA75521-26, DA75521-27, DA75521-28, DA75521-29, DA75521-30, DA75521-31, DA75521-32, DA75521-33, DA75521-34, DA75521-35, DA75521-36, DA75521-37, DA75521-38, DA75521-39, DA75521-40

Batch GN34666: DA75521-41, DA75521-42

(\* ) Outside of QC limits

14.1  
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DUPLICATE RESULTS SUMMARY  
GENERAL CHEMISTRY

Login Number: DA75521  
Account: ALMS - SGS Wheat Ridge, CO  
Project: CHEVRCOG: TASMCOA: Dr. Joe CC-64N63W 65SESE

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Specific Conductivity	GN34661	DA75521-1	mmhos/cm	0.31	0.30	2.1	0-10%
Specific Conductivity	GN34661	DA75521-20	mmhos/cm	0.56	0.56	0.1	0-10%
Specific Conductivity	GN34662	DA75521-21	mmhos/cm	0.59	0.56	4.0	0-10%
Specific Conductivity	GN34662	DA75521-39	mmhos/cm	0.12	0.12	0.2	0-10%
Specific Conductivity	GN34666	DA75521-41	mmhos/cm	0.29	0.31	8.3	0-10%
pH	GN34601	DA75521-4	su	8.55	8.54	0.1	0-20%
pH	GN34602	DA75521-14	su	8.39	8.38	0.1	0-20%
pH	GN34602	DA75521-24	su	7.34	7.33	0.1	0-20%
pH	GN34604	DA75521-34	su	9.78	9.77	0.1	0-20%

Associated Samples:

Batch GN34601: DA75521-1, DA75521-2, DA75521-3, DA75521-4, DA75521-5, DA75521-6, DA75521-7, DA75521-8, DA75521-9, DA75521-10, DA75521-11, DA75521-12, DA75521-13  
 Batch GN34602: DA75521-14, DA75521-15, DA75521-16, DA75521-17, DA75521-18, DA75521-19, DA75521-20, DA75521-21, DA75521-22, DA75521-23, DA75521-24, DA75521-25, DA75521-26, DA75521-27, DA75521-28, DA75521-29, DA75521-30, DA75521-31, DA75521-32, DA75521-33  
 Batch GN34604: DA75521-34, DA75521-35, DA75521-36, DA75521-37, DA75521-38, DA75521-39, DA75521-40, DA75521-41, DA75521-42  
 Batch GN34661: DA75521-1, DA75521-2, DA75521-3, DA75521-4, DA75521-5, DA75521-6, DA75521-7, DA75521-8, DA75521-9, DA75521-10, DA75521-11, DA75521-12, DA75521-13, DA75521-14, DA75521-15, DA75521-16, DA75521-17, DA75521-18, DA75521-19, DA75521-20  
 Batch GN34662: DA75521-21, DA75521-22, DA75521-23, DA75521-24, DA75521-25, DA75521-26, DA75521-27, DA75521-28, DA75521-29, DA75521-30, DA75521-31, DA75521-32, DA75521-33, DA75521-34, DA75521-35, DA75521-36, DA75521-37, DA75521-38, DA75521-39, DA75521-40  
 Batch GN34666: DA75521-41, DA75521-42  
 (\*) Outside of QC limits

14.2  
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