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

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Automated Report

Technical Report for

Chevron USA, Inc.

TASMCOA:Cache 8-13,24,34,Cornish 8-53

10772

SGS Job Number: DA75517

Sampling Date: 09/22/25

Report to:

Chevron USA, Inc.
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ATTN: Bryce Goldade

Total number of pages in report: **112**

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

Eric Hoffman

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

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Sample Summary

Chevron USA, Inc.

Job No: DA75517

TASMCOA:Cache 8-13,24,34,Cornish 8-53
Project No: 10772

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
DA75517-1	09/22/25	11:10	EL	09/22/25	SO	Soil	SEP01-DL@3'
DA75517-1A	09/22/25	11:10	EL	09/22/25	SO	Soil	SEP01-DL@3'
DA75517-1B	09/22/25	11:10	EL	09/22/25	SO	Soil	SEP01-DL@3'
DA75517-2	09/22/25	11:17	EL	09/22/25	SO	Soil	SEP02-DL@3'
DA75517-2A	09/22/25	11:17	EL	09/22/25	SO	Soil	SEP02-DL@3'
DA75517-2B	09/22/25	11:17	EL	09/22/25	SO	Soil	SEP02-DL@3'
DA75517-3	09/22/25	11:19	EL	09/22/25	SO	Soil	SEP03-DL@3'
DA75517-3A	09/22/25	11:19	EL	09/22/25	SO	Soil	SEP03-DL@3'
DA75517-3B	09/22/25	11:19	EL	09/22/25	SO	Soil	SEP03-DL@3'
DA75517-4	09/22/25	11:21	EL	09/22/25	SO	Soil	SEP04-DL@3'
DA75517-4A	09/22/25	11:21	EL	09/22/25	SO	Soil	SEP04-DL@3'
DA75517-4B	09/22/25	11:21	EL	09/22/25	SO	Soil	SEP04-DL@3'

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

Summary of Hits

Job Number: DA75517
Account: Chevron USA, Inc.
Project: TASMCOA:Cache 8-13,24,34,Cornish 8-53
Collected: 09/22/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA75517-1	**SEP01-DL@3'**					
TPH-DRO (C10-C28) [a]		74.3	4.2		mg/kg	SW846 8015C
TPH-ORO (> C28-C36) [a]		75.7	6.4		mg/kg	SW846 8015C
Arsenic		2.3	0.11		mg/kg	SW846 6020B
Barium		34.8	1.1		mg/kg	SW846 6020B
Cadmium		0.069	0.057		mg/kg	SW846 6020B
Copper		3.2	1.1		mg/kg	SW846 6020B
Lead		5.0	0.29		mg/kg	SW846 6020B
Nickel		2.0	1.1		mg/kg	SW846 6020B
Selenium		0.088	0.057		mg/kg	SW846 6020B
Zinc		11.6	5.7		mg/kg	SW846 6020B
pH [a]		8.15			su	WREP-125,4E-SATPASTE
Specific Conductivity [a]		0.56	0.010		mmhos/cm	SM 2510B-2011 MOD
DA75517-1A	**SEP01-DL@3'**					
Calcium [a]		67.3	0.50		mg/l	SW846 6010C
Magnesium [a]		13.0	0.50		mg/l	SW846 6010C
Sodium [a]		18.7	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio [b]		0.546			ratio	USDA HANDBOOK 60
DA75517-1B	**SEP01-DL@3'**					
No hits reported in this sample.						
DA75517-2	**SEP02-DL@3'**					
TPH-DRO (C10-C28) [a]		12.9	4.4		mg/kg	SW846 8015C
TPH-ORO (> C28-C36) [a]		14.9	6.6		mg/kg	SW846 8015C
Arsenic		2.7	0.15		mg/kg	SW846 6020B
Barium		36.3	1.5		mg/kg	SW846 6020B
Cadmium		0.091	0.075		mg/kg	SW846 6020B
Copper		3.1	1.5		mg/kg	SW846 6020B
Lead		4.4	0.37		mg/kg	SW846 6020B
Nickel		2.5	1.5		mg/kg	SW846 6020B
Selenium		0.10	0.075		mg/kg	SW846 6020B
Zinc		13.2	7.5		mg/kg	SW846 6020B
pH [a]		8.02			su	WREP-125,4E-SATPASTE
DA75517-2A	**SEP02-DL@3'**					
Calcium [a]		46.9	0.50		mg/l	SW846 6010C
Magnesium [a]		8.61	0.50		mg/l	SW846 6010C
Sodium [a]		37.5	2.5		mg/l	SW846 6010C

Summary of Hits

Job Number: DA75517
Account: Chevron USA, Inc.
Project: TASMCOA:Cache 8-13,24,34,Cornish 8-53
Collected: 09/22/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Sodium Adsorption Ratio [b]		1.32			ratio	USDA HANDBOOK 60
DA75517-2B	**SEP02-DL@3'**					
No hits reported in this sample.						
DA75517-3	**SEP03-DL@3'**					
TPH-DRO (C10-C28) [a]		128	4.5		mg/kg	SW846 8015C
TPH-ORO (> C28-C36) [a]		48.3	6.8		mg/kg	SW846 8015C
Arsenic		2.3	0.16		mg/kg	SW846 6020B
Barium		32.2	1.6		mg/kg	SW846 6020B
Cadmium		0.14	0.078		mg/kg	SW846 6020B
Copper		3.3	1.6		mg/kg	SW846 6020B
Lead		4.3	0.39		mg/kg	SW846 6020B
Nickel		2.3	1.6		mg/kg	SW846 6020B
Selenium		0.11	0.078		mg/kg	SW846 6020B
Zinc		11.4	7.8		mg/kg	SW846 6020B
pH [a]		9.32			su	WREP-125,4E-SATPASTE
Specific Conductivity [a]		0.36	0.010		mmhos/cm	SM 2510B-2011 MOD
DA75517-3A	**SEP03-DL@3'**					
Calcium [a]		49.8	0.50		mg/l	SW846 6010C
Magnesium [a]		9.28	0.50		mg/l	SW846 6010C
Sodium [a]		14.5	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio [b]		0.495			ratio	USDA HANDBOOK 60
DA75517-3B	**SEP03-DL@3'**					
No hits reported in this sample.						
DA75517-4	**SEP04-DL@3'**					
Chrysene [a]		0.0027	0.0021		mg/kg	SW846 8270E
TPH-DRO (C10-C28) [a]		372	4.3		mg/kg	SW846 8015C
TPH-ORO (> C28-C36) [a]		138	6.4		mg/kg	SW846 8015C
Arsenic		2.4	0.14		mg/kg	SW846 6020B
Barium		37.2	1.4		mg/kg	SW846 6020B
Cadmium		0.099	0.068		mg/kg	SW846 6020B
Copper		3.4	1.4		mg/kg	SW846 6020B
Lead		10.7	0.34		mg/kg	SW846 6020B
Nickel		2.2	1.4		mg/kg	SW846 6020B
Selenium		0.11	0.068		mg/kg	SW846 6020B
Zinc		13.7	6.8		mg/kg	SW846 6020B

Summary of Hits

Job Number: DA75517
Account: Chevron USA, Inc.
Project: TASMCOA:Cache 8-13,24,34,Cornish 8-53
Collected: 09/22/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
pH [a]		9.01			su	WREP-125,4E-SATPASTE
Specific Conductivity [a]		0.54	0.010		mmhos/cm	SM 2510B-2011 MOD
DA75517-4A	**SEP04-DL@3'**					
Calcium [a]		72.4	0.50		mg/l	SW846 6010C
Magnesium [a]		14.0	0.50		mg/l	SW846 6010C
Sodium [a]		15.5	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio [b]		0.436			ratio	USDA HANDBOOK 60
DA75517-4B	**SEP04-DL@3'**					

No hits reported in this sample.

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

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SEP01-DL@3'		
Lab Sample ID:	DA75517-1	**Date Sampled:**	09/22/25
Matrix:	SO - Soil	**Date Received:**	09/22/25
Method:	SW846 8260D	**Percent Solids:**	94.1
Project:	TASMCOA:Cache 8-13,24,34,Cornish 8-53		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	2H99142.D	1	10/04/25 14:14	ALA	n/a	n/a	L:V2H3948
Run #2							

	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	83%		59-143%
2037-26-5	Toluene-D8	108%		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

Client Sample ID:	SEP01-DL@3'		
Lab Sample ID:	DA75517-1	**Date Sampled:**	09/22/25
Matrix:	SO - Soil	**Date Received:**	09/22/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	94.1
Project:	TASMCOA:Cache 8-13,24,34,Cornish 8-53		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	V56472.D	1	10/02/25 13:24	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	< 0.0021	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	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

Client Sample ID:	SEP01-DL@3'		
Lab Sample ID:	DA75517-1	**Date Sampled:**	09/22/25
Matrix:	SO - Soil	**Date Received:**	09/22/25
Method:	SW846 8015C SW846 3570	**Percent Solids:**	94.1
Project:	TASMCOA:Cache 8-13,24,34,Cornish 8-53		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	KF001260.D	1	10/06/25 13:16	ALA	10/01/25 12:00	L:OP28735	L:GKF31
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)	74.3	4.2	mg/kg	
	TPH-ORO (> C28-C36)	75.7	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

Client Sample ID:	SEP01-DL@3'		
Lab Sample ID:	DA75517-1	**Date Sampled:**	09/22/25
Matrix:	SO - Soil	**Date Received:**	09/22/25
		Percent Solids:	94.1
Project:	TASMCOA:Cache 8-13,24,34,Cornish 8-53		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.3	0.11	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	34.8	1.1	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.069	0.057	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	3.2	1.1	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	5.0	0.29	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	2.0	1.1	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.088	0.057	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.057	0.057	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	11.6	5.7	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19666
(2) Prep QC Batch: MP43114

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP01-DL@3'		
Lab Sample ID:	DA75517-1	**Date Sampled:**	09/22/25
Matrix:	SO - Soil	**Date Received:**	09/22/25
		Percent Solids:	94.1
Project:	TASMCOA:Cache 8-13,24,34,Cornish 8-53		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	94.1		%	1	09/22/25	JL	SM2540G-2011 M
pH-saturated paste method							
pH [a]	8.15		su	1	09/29/25 08:30	ALA	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity [a]	0.56	0.010	mmhos/cm	1	10/07/25 14:30	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent [b]	< 0.41	0.41	mg/kg	1	10/20/25 22:39	ANJ	SW846 3060A/7199

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP01-DL@3'		
Lab Sample ID:	DA75517-1A	**Date Sampled:**	09/22/25
Matrix:	SO - Soil	**Date Received:**	09/22/25
		Percent Solids:	94.1
Project:	TASMCOA:Cache 8-13,24,34,Cornish 8-53		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium [a]	67.3	0.50	mg/l	5	09/29/25	10/03/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium [a]	13.0	0.50	mg/l	5	09/29/25	10/03/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium [a]	18.7	2.5	mg/l	5	09/29/25	10/03/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: L:MA30827
(2) Prep QC Batch: L:MP31747

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP01-DL@3'		
Lab Sample ID:	DA75517-1A	**Date Sampled:**	09/22/25
Matrix:	SO - Soil	**Date Received:**	09/22/25
		Percent Solids:	94.1
Project:	TASMCOA:Cache 8-13,24,34,Cornish 8-53		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.546		ratio	1	10/03/25 10:53	ALA	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP01-DL@3'		
Lab Sample ID:	DA75517-1B	**Date Sampled:**	09/22/25
Matrix:	SO - Soil	**Date Received:**	09/22/25
		Percent Solids:	94.1
Project:	TASMCOA:Cache 8-13,24,34,Cornish 8-53		

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 [1]	HWS-B [2]

(1) Instrument QC Batch: MA19665
(2) Prep QC Batch: MP43113

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP02-DL@3'		
Lab Sample ID:	DA75517-2	**Date Sampled:**	09/22/25
Matrix:	SO - Soil	**Date Received:**	09/22/25
Method:	SW846 8260D	**Percent Solids:**	90.9
Project:	TASMCOA:Cache 8-13,24,34,Cornish 8-53		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	2H99143.D	1	10/04/25 14:39	ALA	n/a	n/a	L:V2H3948
Run #2							

	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	< 0.00054	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	86%		59-143%
2037-26-5	Toluene-D8	110%		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

Client Sample ID:	SEP02-DL@3'		
Lab Sample ID:	DA75517-2	**Date Sampled:**	09/22/25
Matrix:	SO - Soil	**Date Received:**	09/22/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	90.9
Project:	TASMCOA:Cache 8-13,24,34,Cornish 8-53		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	V56473.D	1	10/02/25 13:43	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	93%		50-150%
321-60-8	2-Fluorobiphenyl	92%		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

Client Sample ID:	SEP02-DL@3'		
Lab Sample ID:	DA75517-2	**Date Sampled:**	09/22/25
Matrix:	SO - Soil	**Date Received:**	09/22/25
Method:	SW846 8015C SW846 3570	**Percent Solids:**	90.9
Project:	TASMCOA:Cache 8-13,24,34,Cornish 8-53		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	KF001261.D	1	10/06/25 13:33	ALA	10/01/25 12:00	L:OP28735	L:GKF31
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)	12.9	4.4	mg/kg	
	TPH-ORO (> C28-C36)	14.9	6.6	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

Client Sample ID:	SEP02-DL@3'		
Lab Sample ID:	DA75517-2	**Date Sampled:**	09/22/25
Matrix:	SO - Soil	**Date Received:**	09/22/25
		Percent Solids:	90.9
Project:	TASMCOA:Cache 8-13,24,34,Cornish 8-53		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.7	0.15	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	36.3	1.5	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.091	0.075	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	3.1	1.5	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	4.4	0.37	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	2.5	1.5	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.10	0.075	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.075	0.075	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	13.2	7.5	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19666
(2) Prep QC Batch: MP43114

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP02-DL@3'		
Lab Sample ID:	DA75517-2	**Date Sampled:**	09/22/25
Matrix:	SO - Soil	**Date Received:**	09/22/25
		Percent Solids:	90.9
Project:	TASMCOA:Cache 8-13,24,34,Cornish 8-53		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	90.9		%	1	09/22/25	JL	SM2540G-2011 M
pH-saturated paste method							
pH [a]	8.02		su	1	09/29/25 08:30	ALA	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity [a]	< 0.010	0.010	mmhos/cm	1	10/07/25 14:30	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent [b]	< 0.43	0.43	mg/kg	1	10/20/25 22:55	ANJ	SW846 3060A/7199

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP02-DL@3'		
Lab Sample ID:	DA75517-2A	**Date Sampled:**	09/22/25
Matrix:	SO - Soil	**Date Received:**	09/22/25
		Percent Solids:	90.9
Project:	TASMCOA:Cache 8-13,24,34,Cornish 8-53		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium [a]	46.9	0.50	mg/l	5	09/29/25	10/03/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium [a]	8.61	0.50	mg/l	5	09/29/25	10/03/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium [a]	37.5	2.5	mg/l	5	09/29/25	10/03/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: L:MA30827
(2) Prep QC Batch: L:MP31747

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP02-DL@3'		
Lab Sample ID:	DA75517-2A	**Date Sampled:**	09/22/25
Matrix:	SO - Soil	**Date Received:**	09/22/25
		Percent Solids:	90.9
Project:	TASMCOA:Cache 8-13,24,34,Cornish 8-53		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	1.32		ratio	1	10/03/25 10:57	ALA	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP02-DL@3'		
Lab Sample ID:	DA75517-2B	**Date Sampled:**	09/22/25
Matrix:	SO - Soil	**Date Received:**	09/22/25
		Percent Solids:	90.9
Project:	TASMCOA:Cache 8-13,24,34,Cornish 8-53		

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 [1]	HWS-B [2]

(1) Instrument QC Batch: MA19665
(2) Prep QC Batch: MP43113

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP03-DL@3'		
Lab Sample ID:	DA75517-3	**Date Sampled:**	09/22/25
Matrix:	SO - Soil	**Date Received:**	09/22/25
Method:	SW846 8260D	**Percent Solids:**	88.7
Project:	TASMCOA:Cache 8-13,24,34,Cornish 8-53		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	2H99144.D	1	10/04/25 15:04	ALA	n/a	n/a	L:V2H3948
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	< 0.00053	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	86%		59-143%
2037-26-5	Toluene-D8	111%		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

Client Sample ID:	SEP03-DL@3'		
Lab Sample ID:	DA75517-3	**Date Sampled:**	09/22/25
Matrix:	SO - Soil	**Date Received:**	09/22/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	88.7
Project:	TASMCOA:Cache 8-13,24,34,Cornish 8-53		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	V56474.D	1	10/02/25 14:03	ALA	10/01/25 12:00	L:OP28734	L:EV1835
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	< 0.0023	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	99%		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

Client Sample ID:	SEP03-DL@3'		
Lab Sample ID:	DA75517-3	**Date Sampled:**	09/22/25
Matrix:	SO - Soil	**Date Received:**	09/22/25
Method:	SW846 8015C SW846 3570	**Percent Solids:**	88.7
Project:	TASMCOA:Cache 8-13,24,34,Cornish 8-53		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	KF001262.D	1	10/06/25 13:51	ALA	10/01/25 12:00	L:OP28735	L:GKF31
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)	128	4.5	mg/kg	
	TPH-ORO (> C28-C36)	48.3	6.8	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

Client Sample ID:	SEP03-DL@3'		
Lab Sample ID:	DA75517-3	**Date Sampled:**	09/22/25
Matrix:	SO - Soil	**Date Received:**	09/22/25
		Percent Solids:	88.7
Project:	TASMCOA:Cache 8-13,24,34,Cornish 8-53		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.3	0.16	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	32.2	1.6	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.14	0.078	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	3.3	1.6	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	4.3	0.39	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	2.3	1.6	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.11	0.078	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.078	0.078	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	11.4	7.8	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19666
(2) Prep QC Batch: MP43114

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP03-DL@3'		
Lab Sample ID:	DA75517-3	**Date Sampled:**	09/22/25
Matrix:	SO - Soil	**Date Received:**	09/22/25
		Percent Solids:	88.7
Project:	TASMCOA:Cache 8-13,24,34,Cornish 8-53		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	88.7		%	1	09/22/25	JL	SM2540G-2011 M
pH-saturated paste method							
pH [a]	9.32		su	1	09/29/25 08:30	ALA	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity [a]	0.36	0.010	mmhos/cm	1	10/07/25 14:30	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent [b]	< 0.44	0.44	mg/kg	1	10/21/25 11:35	ANJ	SW846 3060A/7199

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP03-DL@3'		
Lab Sample ID:	DA75517-3A	**Date Sampled:**	09/22/25
Matrix:	SO - Soil	**Date Received:**	09/22/25
		Percent Solids:	88.7
Project:	TASMCOA:Cache 8-13,24,34,Cornish 8-53		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium [a]	49.8	0.50	mg/l	5	09/29/25	10/03/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium [a]	9.28	0.50	mg/l	5	09/29/25	10/03/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium [a]	14.5	2.5	mg/l	5	09/29/25	10/03/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: L:MA30827
(2) Prep QC Batch: L:MP31747

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP03-DL@3'		
Lab Sample ID:	DA75517-3A	**Date Sampled:**	09/22/25
Matrix:	SO - Soil	**Date Received:**	09/22/25
		Percent Solids:	88.7
Project:	TASMCOA:Cache 8-13,24,34,Cornish 8-53		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.495		ratio	1	10/03/25 11:01	ALA	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP03-DL@3'		
Lab Sample ID:	DA75517-3B	**Date Sampled:**	09/22/25
Matrix:	SO - Soil	**Date Received:**	09/22/25
		Percent Solids:	88.7
Project:	TASMCOA:Cache 8-13,24,34,Cornish 8-53		

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 [1]	HWS-B [2]

(1) Instrument QC Batch: MA19665
(2) Prep QC Batch: MP43113

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP04-DL@3'		
Lab Sample ID:	DA75517-4	**Date Sampled:**	09/22/25
Matrix:	SO - Soil	**Date Received:**	09/22/25
Method:	SW846 8260D	**Percent Solids:**	93.6
Project:	TASMCOA:Cache 8-13,24,34,Cornish 8-53		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	2H99205.D	1	10/06/25 14:54	ALA	n/a	n/a	L:V2H3950
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	< 0.0010	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	87%		59-143%
2037-26-5	Toluene-D8	107%		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

Client Sample ID:	SEP04-DL@3'		
Lab Sample ID:	DA75517-4	**Date Sampled:**	09/22/25
Matrix:	SO - Soil	**Date Received:**	09/22/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	93.6
Project:	TASMCOA:Cache 8-13,24,34,Cornish 8-53		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	V56475.D	1	10/02/25 14:22	ALA	10/01/25 12:00	L:OP28734	L:EV1835
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	0.0027	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	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

Client Sample ID:	SEP04-DL@3'		
Lab Sample ID:	DA75517-4	**Date Sampled:**	09/22/25
Matrix:	SO - Soil	**Date Received:**	09/22/25
Method:	SW846 8015C SW846 3570	**Percent Solids:**	93.6
Project:	TASMCOA:Cache 8-13,24,34,Cornish 8-53		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	KF001263.D	1	10/06/25 14:08	ALA	10/01/25 12:00	L:OP28735	L:GKF31
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)	372	4.3	mg/kg	
	TPH-ORO (> C28-C36)	138	6.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	93%		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

Client Sample ID:	SEP04-DL@3'		
Lab Sample ID:	DA75517-4	**Date Sampled:**	09/22/25
Matrix:	SO - Soil	**Date Received:**	09/22/25
		Percent Solids:	93.6
Project:	TASMCOA:Cache 8-13,24,34,Cornish 8-53		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.4	0.14	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	37.2	1.4	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.099	0.068	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	3.4	1.4	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	10.7	0.34	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	2.2	1.4	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.11	0.068	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.068	0.068	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	13.7	6.8	mg/kg	10	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19666
(2) Prep QC Batch: MP43114

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP04-DL@3'		
Lab Sample ID:	DA75517-4	**Date Sampled:**	09/22/25
Matrix:	SO - Soil	**Date Received:**	09/22/25
		Percent Solids:	93.6
Project:	TASMCOA:Cache 8-13,24,34,Cornish 8-53		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	93.6		%	1	09/22/25	JL	SM2540G-2011 M
pH-saturated paste method							
pH [a]	9.01		su	1	09/29/25 08:30	ALA	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity [a]	0.54	0.010	mmhos/cm	1	10/07/25 14:30	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent [b]	< 0.42	0.42	mg/kg	1	10/21/25 11:51	ANJ	SW846 3060A/7199

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP04-DL@3'		
Lab Sample ID:	DA75517-4A	**Date Sampled:**	09/22/25
Matrix:	SO - Soil	**Date Received:**	09/22/25
		Percent Solids:	93.6
Project:	TASMCOA:Cache 8-13,24,34,Cornish 8-53		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium [a]	72.4	0.50	mg/l	5	09/29/25	10/03/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium [a]	14.0	0.50	mg/l	5	09/29/25	10/03/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium [a]	15.5	2.5	mg/l	5	09/29/25	10/03/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: L:MA30827
(2) Prep QC Batch: L:MP31747

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP04-DL@3'		
Lab Sample ID:	DA75517-4A	**Date Sampled:**	09/22/25
Matrix:	SO - Soil	**Date Received:**	09/22/25
		Percent Solids:	93.6
Project:	TASMCOA:Cache 8-13,24,34,Cornish 8-53		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.436		ratio	1	10/03/25 11:14	ALA	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP04-DL@3'		
Lab Sample ID:	DA75517-4B	**Date Sampled:**	09/22/25
Matrix:	SO - Soil	**Date Received:**	09/22/25
		Percent Solids:	93.6
Project:	TASMCOA:Cache 8-13,24,34,Cornish 8-53		

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 [1]	HWS-B [2]

(1) Instrument QC Batch: MA19665
(2) Prep QC Batch: MP43113

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

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

Page 1 of 1

Bottle Order Control #	FED-EX Tracking #
SGS Quote #	SGS Job # DA75517-2025

Client / Reporting Information		Project Information		Billing Information (if different from Report to)
Company:	Tasman	Project Name:	Calne 8-13,24,34; Cornish 8-53	Company: PDC
Street:	4725 Independence St	Street:		
City, State ZIP:	Wheat Ridge / CO / 80033	City, State ZIP:		Street Address:
Project Contact:	Bryce Goldade	Project #:	10772	City, State ZIP:
Phone:	(704) 231-1819	Client Purchase Order #:		
Email:	tas-chevron-4@tasman-geo.com, rbueu!27@chevron.com	Project Manager: Bryce Goldade		Attention: Mike Montoya
Sampler(s) Name(s):	Emily Lambert			

Check Box if Project Report to Division of Oil and Public Safety (OPS): ☐

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

	Field ID / Point of Collection	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: NONE	HCl	NaOH	HNO3	H2SO4	DI Water	MeOH	ENCORE	Na2S2O3	Na2SO3	**Metals (specify): Full 915 Suite	LAB USE ONLY
01	SEP01-DL@3'	9/22/25	1110	EL	SO	3	3										X	
02	SEP02-DL@3'	"	1117	"	"	"	"										"	
03	SEP03-DL@3'	"	1119	"	"	"	"										"	
04	SEP04-DL@3'	"	1121	"	"	"	"										"	

Turnaround Time (Business days)

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

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

Special Reporting Instructions

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

Data Deliverable Information

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

Comments / Special Instructions

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

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

Relinquished by Sampler/Affiliation: 1	Date/Time: 9/22/25 1525	Received By/Affiliation: 1	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 ☑ Not intact ☐ Absent ☐ | Preserved where applicable ☐ | Cooler Temp. °C (corrected): 1.4 | Therm. ID: T086 | On Ice ☑

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

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

SGS Sample Receipt Summary

Job Number: da75517 **Client:** TASMAN **Project:** CACHE 8-13, 24, 34; CORNISH 8-53

Date / Time Received: 9/22/2025 3:30:00 PM **Delivery Method:** hd **Airbill #'s:**

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

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

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

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

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

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

Misc Information

Number of Encores: 25 Gram 5 Gram Number of Lab Filtered Metals

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

Residual Chlorine Test Strip Lot

Comments

SM001
Rev. Date 05/04/17

Technician: JADENC Date: 9/22/2025 3:31:37 PM Reviewer: Date:

Metals Analysis

QC Data Summaries

Includes the following where applicable:

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA75517
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA:Cache 8-13,24,34,Cornish 8-53

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: DA75517-1B, DA75517-2B, DA75517-3B, DA75517-4B

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA75517
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA:Cache 8-13,24,34,Cornish 8-53

QC Batch ID: MP43113 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 09/24/25

Metal	RL	IDL	MDL	MB raw	final

(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA75517
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA:Cache 8-13,24,34,Cornish 8-53

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: DA75517-1B, DA75517-2B, DA75517-3B, DA75517-4B

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA75517
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA:Cache 8-13,24,34,Cornish 8-53

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

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA75517
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA:Cache 8-13,24,34,Cornish 8-53

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: DA75517-1B, DA75517-2B, DA75517-3B, DA75517-4B

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA75517
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA:Cache 8-13,24,34,Cornish 8-53

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

(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA75517
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA:Cache 8-13,24,34,Cornish 8-53

QC Batch ID: MP43113 Methods: SW846 6010C
Matrix Type: AQUEOUS 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: DA75517-1B, DA75517-2B, DA75517-3B, DA75517-4B

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA75517
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA:Cache 8-13,24,34,Cornish 8-53

QC Batch ID: MP43113 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 09/24/25

	DA75521-7B		QC
Metal	Original SDL 1:5	%DIF	Limits

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA75517
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA:Cache 8-13,24,34,Cornish 8-53

QC Batch ID: MP43114 Methods: SW846 6020B
Matrix Type: SOLID 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: DA75517-1, DA75517-2, DA75517-3, DA75517-4

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: DA75517
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA:Cache 8-13,24,34,Cornish 8-53

QC Batch ID: MP43114
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 09/23/25

Metal	DA75515-13 Original	MS	Spikelot 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: DA75517-1, DA75517-2, DA75517-3, DA75517-4

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: DA75517
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA:Cache 8-13,24,34,Cornish 8-53

QC Batch ID: MP43114 Methods: SW846 6020B
Matrix Type: SOLID Units: mg/kg

Prep Date: 09/23/25

Metal	DA75515-13 Original	MSD	Spikelot 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: DA75517-1, DA75517-2, DA75517-3, DA75517-4

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: DA75517
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA:Cache 8-13,24,34,Cornish 8-53

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: DA75517-1, DA75517-2, DA75517-3, DA75517-4

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA75517
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA:Cache 8-13,24,34,Cornish 8-53

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: DA75517-1, DA75517-2, DA75517-3, DA75517-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Serial dilution indicates possible matrix interference.

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

Page 1 of 1

FED-EX Tracking #	Bottle Order Control #
SGS Quote #	SGS Job # DA75517

Client / Reporting Information	Project Information	
Company Name: SGS North America Inc.	Project Name: TASMCOA:Cache 8-13,24,34,Cornish 8-53	
Street Address: 4036 Youngfield Street	Street	Billing Information (if different from Report to)
City: Wheat Ridge, State: CO, Zip: 8003:	City / State	Company Name
Project Contact / E-mail: parna.eskandaripayandeh@sgs.com	Project #	Street Address
Phone #: 303-425-6021 / Fax #	Client Purchase Order #	City / State / Zip
Sampler(s) Name(s): EL / Phone	Project Manager	Attention:

Requested Analysis (see TEST CODE sheet): (A) BLV8015DROORO36 ,BLV8270PAH915L ,PH-SATPASTE ,SCON ,V8260GRO ,V8260T915; (B) PASTE ,SAR ,SARCA ,SARMG ,SARNA ,

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

Number of preserved Bottles: HCl, NaOH, HNO3, H2SO4, NONE, DI Water, MEOH, ENCORE

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Date	Time	Sampled by	Matrix	# of bottles	(A)	(B)	LAB USE ONLY
1	SEP01-DL@3'		9/22/25	11:10:00 AM	EL	SO		X		✓
1A	SEP01-DL@3'		9/22/25	11:10:00 AM	EL	SO			X	✓
2	SEP02-DL@3'		9/22/25	11:17:00 AM	EL	SO		X		✓
2A	SEP02-DL@3'		9/22/25	11:17:00 AM	EL	SO			X	✓
3	SEP03-DL@3'		9/22/25	11:19:00 AM	EL	SO		X		✓
3A	SEP03-DL@3'		9/22/25	11:19:00 AM	EL	SO			X	✓
4	SEP04-DL@3'		9/22/25	11:21:00 AM	EL	SO		X		✓
4A	SEP04-DL@3'		9/22/25	11:21:00 AM	EL	SO			X	✓

Turnaround Time (Business days) — Approved By (SGS PM): / Date:
- [ ] Standard 10 Day (business)
- [ ] ~~5 Business Days RUSH~~
- [ ] 3 Business Days RUSH
- [ ] 2 Business Days RUSH
- [ ] 1 Business Day EMERGENCY
- [X] ~~other Due 10/1/2025~~

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

Data Deliverable Information
- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] REDT1 (Level 3)
- [ ] FULT1 (Level 4)
- [ ] Commercial "C"
- [ ] State Forms
- [ ] EDD Format
- [ ] Other
- [ ]
- [X] CC

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

Comments / Special Instructions
RB-2021 (TB3)
RPS15 VS (9)

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

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

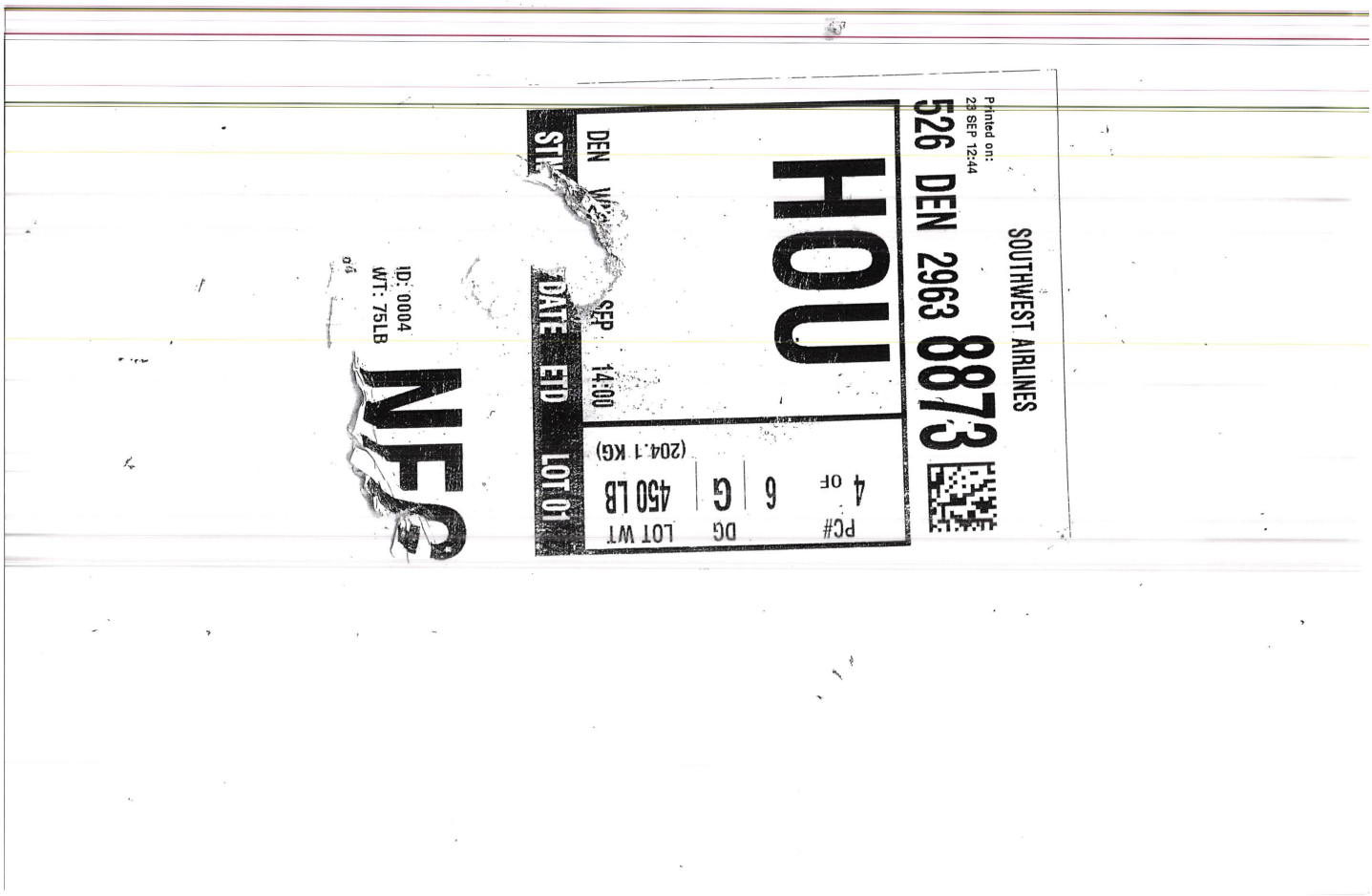
Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		1 SWC	2 SWC	9/23/25 0000	2 DA
Relinquished by Sampler: 3 DA	9/24/25 2047	Received By: 3 Pener Sam 9/24/25 715	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal # CS/cooler; ☑ Intact ☐ Not intact	Preserved where applicable ☐	Therm. ID: JJR002; On Ice ☑; Cooler Temp. 1.3 2.4 / 1.1 1.6 / 2.2 1.3

DA75517: Chain of Custody
Page 1 of 9
SGS Scott, LA

DA75517: Chain of Custody
Page 2 of 9

SOUTHWEST AIRLINES
526 DEN 2963 8873
Printed on:
23 SEP 12:44
PC#
2 OF 6
DG
G
LOT WT
450 LB
(204.1 KG)
LOT 01
HOU
STN FLT DATE ETD
DEN WN 2294 23 SEP 14:00
NFG
PC ID: 0002
PC WT: 75LB
526 29638873 0002

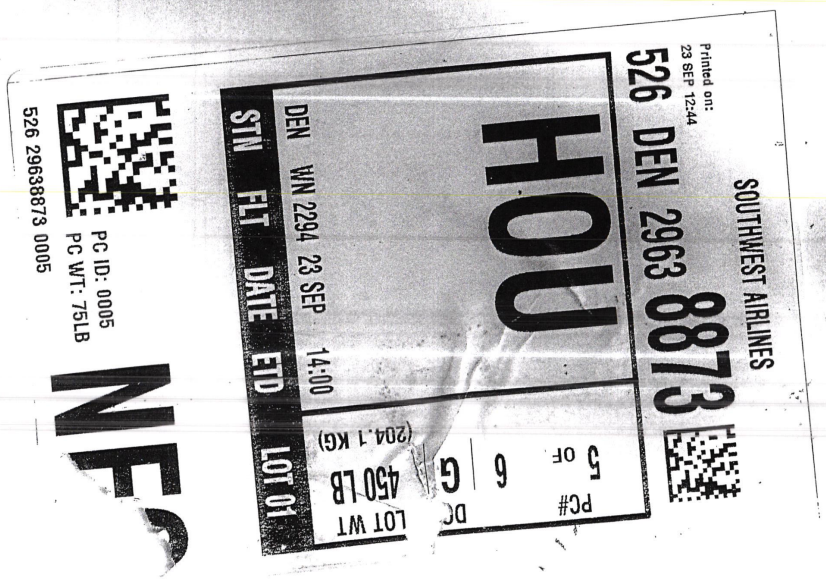
DA75517: Chain of Custody
Page 4 of 9



6.1

6

DA75517: Chain of Custody
Page 5 of 9



DA75517: Chain of Custody
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DA75517: Chain of Custody
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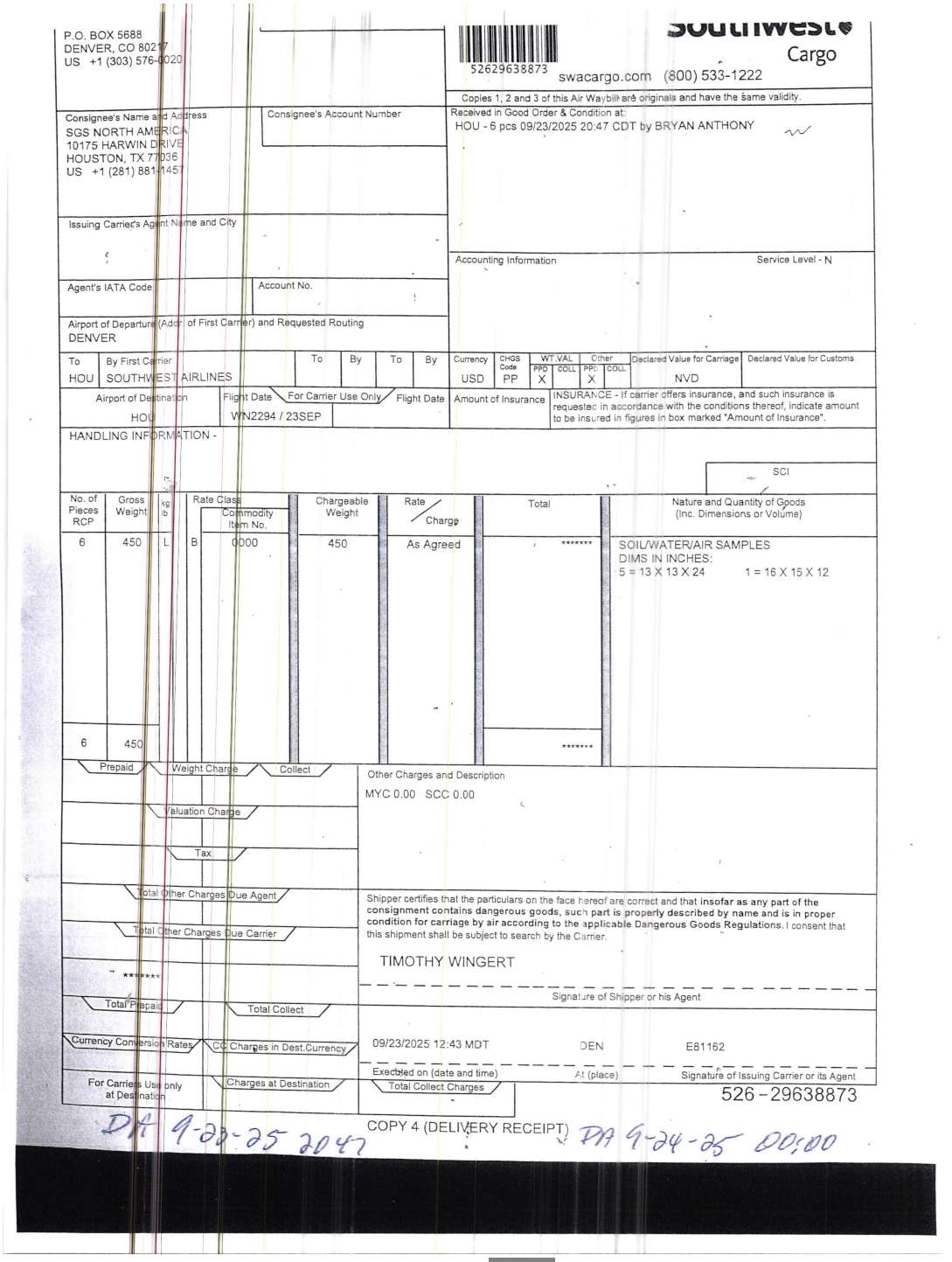

P.O. BOX 5688
DENVER, CO 80217
US +1 (303) 576-0020

52629638873

Southwest Cargo

swacargo.com (800) 533-1222

Copies 1, 2 and 3 of this Air Waybill are originals and have the same validity.

Consignee's Name and Address
SGS NORTH AMERICA
10175 HARWIN DRIVE
HOUSTON, TX 77036
US +1 (281) 881-1457

Consignee's Account Number

Received in Good Order & Condition at:
HOU - 6 pcs 09/23/2025 20:47 CDT by BRYAN ANTHONY

Issuing Carrier's Agent Name and City

Accounting Information

Service Level - N

Agent's IATA Code

Account No.

Airport of Departure (Addr. of First Carrier) and Requested Routing
DENVER

To	By First Carrier	To	By	To	By	Currency	CHGS Code	WT.VAL PPD	WT.VAL COLL	Other PPD	Other COLL	Declared Value for Carriage	Declared Value for Customs
HOU	SOUTHWEST AIRLINES					USD	PP	X		X		NVD	

Airport of Destination: HOU

Flight Date / For Carrier Use Only / Flight Date: WN2294 / 23SEP

Amount of Insurance

INSURANCE - If carrier offers insurance, and such insurance is requested in accordance with the conditions thereof, indicate amount to be insured in figures in box marked "Amount of Insurance".

HANDLING INFORMATION -

SCI

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
6	450						*******	

Prepaid / Weight Charge / Collect

Valuation Charge

Tax

Total Other Charges Due Agent

Total Other Charges Due Carrier

****

Total Prepaid / Total Collect

Currency Conversion Rates / CC Charges in Dest. Currency

For Carriers Use only at Destination / Charges at Destination / Total Collect Charges

Other Charges and Description
MYC 0.00 SCC 0.00

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 is in proper condition for carriage by air according to the applicable Dangerous Goods Regulations.** I 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

Executed on (date and time) At (place) Signature of Issuing Carrier or its Agent

526-29638873

COPY 4 (DELIVERY RECEIPT)

DA 9-23-25 2047

DA 9-24-25 00:00

[redacted]

9

6.1

DA75517: Chain of Custody

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SGS

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DA75517

SGS Sample Receipt Summary

Job Number: DA75517 **Client:** SGS CO **Project:** TASMCOA CACHE 8-13,24,34 CORNISH 8

Date / Time Received: 9/24/2025 7:15:00 AM **Delivery Method:** THWEST AIRLINES CAI **Airbill #'s:** 5262968873 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:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:			
3. Cooler media:	Ice (direct contact)		
4. No. Coolers:	6		

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

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

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

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

Test Strip Lot #s: pH 1-12: _____ pH 12+: _____ Other: (Specify) _____ _____

Comments

SM089-03
Rev. Date 12/7/17

MS 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: DA75517
Account: ALMS SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA:Cache 8-13,24,34,Cornish 8-53

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H3948-MB	2H99135.D	1	10/04/25	JY	n/a	n/a	V2H3948

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

DA75517-1, DA75517-2, DA75517-3

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	0.68	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	80%	59-143%
2037-26-5	Toluene-D8	109%	52-159%
460-00-4	4-Bromofluorobenzene	101%	38-183%

Method Blank Summary

Job Number: DA75517
Account: ALMS SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA:Cache 8-13,24,34,Cornish 8-53

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H3950-MB	2H99195.D	1	10/06/25	PO	n/a	n/a	V2H3950

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

DA75517-4

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	0.36	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	88%	59-143%
2037-26-5	Toluene-D8	103%	52-159%
460-00-4	4-Bromofluorobenzene	99%	38-183%

Blank Spike/Blank Spike Duplicate Summary

Job Number: DA75517
Account: ALMS SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA:Cache 8-13,24,34,Cornish 8-53

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H3948-BS	2H99130A.D	1	10/04/25	JY	n/a	n/a	V2H3948
V2H3948-BSD	2H99131.D	1	10/04/25	JY	n/a	n/a	V2H3948

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

DA75517-1, DA75517-2, DA75517-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	20	18.5	93	17.4	87	6	67-135/30
100-41-4	Ethylbenzene	20	20.4	102	19.1	96	7	69-136/30
108-88-3	Toluene	20	19.0	95	17.6	88	8	71-135/30
95-63-6	1,2,4-Trimethylbenzene	20	20.2	101	18.9	95	7	50-153/30
108-67-8	1,3,5-Trimethylbenzene	20	20.4	102	19.0	95	7	51-153/30
	m,p-Xylene	40	39.9	100	36.1	90	10	70-140/30
95-47-6	o-Xylene	20	19.5	98	18.3	92	6	70-132/30
1330-20-7	Xylene (total)	60	59.4	99	54.5	91	9	69-138/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
17060-07-0	1,2-Dichloroethane-D4	94%	94%	59-143%
2037-26-5	Toluene-D8	94%	93%	52-159%
460-00-4	4-Bromofluorobenzene	99%	97%	38-183%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: DA75517
Account: ALMS SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA:Cache 8-13,24,34,Cornish 8-53

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H3948-BS	2H99132A.D	1	10/04/25	JY	n/a	n/a	V2H3948
V2H3948-BSD	2H99133.D	1	10/04/25	JY	n/a	n/a	V2H3948

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

DA75517-1, DA75517-2, DA75517-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	2000	1810	91	1820	91	1	50-150/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
17060-07-0	1,2-Dichloroethane-D4	93%	95%	59-143%
2037-26-5	Toluene-D8	85%	86%	52-159%
460-00-4	4-Bromofluorobenzene	97%	97%	38-183%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: DA75517
Account: ALMS SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA:Cache 8-13,24,34,Cornish 8-53

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H3950-BS	2H99190A.D	1	10/06/25	PO	n/a	n/a	V2H3950
V2H3950-BSD	2H99191.D	1	10/06/25	PO	n/a	n/a	V2H3950

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

DA75517-4

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	20	18.8	94	18.4	92	2	67-135/30
100-41-4	Ethylbenzene	20	20.8	104	19.7	99	5	69-136/30
108-88-3	Toluene	20	19.4	97	18.8	94	3	71-135/30
95-63-6	1,2,4-Trimethylbenzene	20	21.0	105	20.0	100	5	50-153/30
108-67-8	1,3,5-Trimethylbenzene	20	21.3	107	20.1	101	6	51-153/30
	m,p-Xylene	40	40.9	102	38.3	96	7	70-140/30
95-47-6	o-Xylene	20	20.3	102	19.3	97	5	70-132/30
1330-20-7	Xylene (total)	60	61.1	102	57.6	96	6	69-138/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
17060-07-0	1,2-Dichloroethane-D4	93%	91%	59-143%
2037-26-5	Toluene-D8	91%	92%	52-159%
460-00-4	4-Bromofluorobenzene	98%	96%	38-183%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: DA75517
Account: ALMS SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA:Cache 8-13,24,34,Cornish 8-53

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H3950-BS	2H99192A.D	1	10/06/25	PO	n/a	n/a	V2H3950
V2H3950-BSD	2H99193.D	1	10/06/25	PO	n/a	n/a	V2H3950

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

DA75517-4

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	2000	1660	83	1600	80	4	50-150/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
17060-07-0	1,2-Dichloroethane-D4	88%	89%	59-143%
2037-26-5	Toluene-D8	88%	88%	52-159%
460-00-4	4-Bromofluorobenzene	97%	96%	38-183%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA75517
Account: ALMS SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA:Cache 8-13,24,34,Cornish 8-53

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA75512-6MS	2H99136.D	1	10/04/25	JY	n/a	n/a	V2H3948
DA75512-6MSD	2H99137.D	1	10/04/25	JY	n/a	n/a	V2H3948
DA75512-6	2H99140.D	1	10/04/25	JY	n/a	n/a	V2H3948

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

DA75517-1, DA75517-2, DA75517-3

CAS No.	Compound	DA75512-6 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	< 0.51		17.2	13.1	76	17.2	12.8	75	2	15-162/33
100-41-4	Ethylbenzene	< 1.0		17.2	13.7	80	17.2	13.2	77	4	14-168/13
108-88-3	Toluene	0.22		17.2	12.8	73	17.2	12.6	72	2	11-173/43
95-63-6	1,2,4-Trimethylbenzene	< 5.1		17.2	12.6	73*	17.2	12.2	71*	3	90-183/15
108-67-8	1,3,5-Trimethylbenzene	< 5.1		17.2	12.6	73	17.2	12.2	71	3	10-179/14
	m,p-Xylene	< 2.1		34.3	26.4	77	34.3	25.7	75	3	14-175/12
95-47-6	o-Xylene	< 1.0		17.2	13.3	77	17.2	13.1	76	2	19-167/13
1330-20-7	Xylene (total)	< 2.1		51.5	39.7	77	51.5	38.8	75	2	14-172/12

CAS No.	Surrogate Recoveries	MS	MSD	DA75512-6	Limits
17060-07-0	1,2-Dichloroethane-D4	95%	93%	86%	59-143%
2037-26-5	Toluene-D8	99%	95%	107%	52-159%
460-00-4	4-Bromofluorobenzene	99%	99%	100%	38-183%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA75517
Account: ALMS SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA:Cache 8-13,24,34,Cornish 8-53

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA75512-6MS	2H99138.D	1	10/04/25	JY	n/a	n/a	V2H3948
DA75512-6MSD	2H99139.D	1	10/04/25	JY	n/a	n/a	V2H3948
DA75512-6	2H99140.D	1	10/04/25	JY	n/a	n/a	V2H3948

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

DA75517-1, DA75517-2, DA75517-3

CAS No.	Compound	DA75512-6 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	< 210		2060	1200	58	2060	1120	54	7	50-150/30

CAS No.	Surrogate Recoveries	MS	MSD	DA75512-6	Limits
17060-07-0	1,2-Dichloroethane-D4	96%	92%	86%	59-143%
2037-26-5	Toluene-D8	92%	90%	107%	52-159%
460-00-4	4-Bromofluorobenzene	97%	97%	100%	38-183%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA75517
Account: ALMS SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA:Cache 8-13,24,34,Cornish 8-53

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA75517-4MS	2H99206.D	1	10/06/25	PO	n/a	n/a	V2H3950
DA75517-4MSD	2H99207.D	1	10/06/25	PO	n/a	n/a	V2H3950
DA75517-4	2H99205.D	1	10/06/25	PO	n/a	n/a	V2H3950

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

DA75517-4

CAS No.	Compound	DA75517-4 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	< 0.50		22.3	16.0	72	20.9	18.3	87	13	15-162/33
100-41-4	Ethylbenzene	< 1.0		22.3	15.0	67	20.9	15.3	73	2	14-168/13
108-88-3	Toluene	< 5.0		22.3	15.3	69	20.9	15.5	74	1	11-173/43
95-63-6	1,2,4-Trimethylbenzene	< 5.0		22.3	5.2	23* [a]	20.9	2.9	14* [a]	57* [b]	90-183/15
108-67-8	1,3,5-Trimethylbenzene	< 5.0		22.3	10.7	48	20.9	4.5	21	82* [b]	10-179/14
	m,p-Xylene	< 2.0		44.5	23.5	53	41.9	20.0	48	16* [b]	14-175/12
95-47-6	o-Xylene	< 1.0		22.3	14.9	67	20.9	15.0	72	1	19-167/13
1330-20-7	Xylene (total)	< 2.0		66.8	38.4	58	62.8	35.0	56	9	14-172/12

CAS No.	Surrogate Recoveries	MS	MSD	DA75517-4	Limits
17060-07-0	1,2-Dichloroethane-D4	100%	93%	87%	59-143%
2037-26-5	Toluene-D8	91%	100%	107%	52-159%
460-00-4	4-Bromofluorobenzene	98%	97%	101%	38-183%

(a) Outside control limits due to matrix interference.
(b) Analytical precision exceeds in house control limits. Both BS and BSD are within passing criteria.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA75517
Account: ALMS SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA:Cache 8-13,24,34,Cornish 8-53

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA75517-4MS	2H99208.D	1	10/06/25	PO	n/a	n/a	V2H3950
DA75517-4MSD	2H99209.D	1	10/06/25	PO	n/a	n/a	V2H3950
DA75517-4	2H99205.D	1	10/06/25	PO	n/a	n/a	V2H3950

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

DA75517-4

CAS No.	Compound	DA75517-4 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	< 200		2020	653	32* [a]	2140	401	19* [a]	48* [b]	50-150/30

CAS No.	Surrogate Recoveries	MS	MSD	DA75517-4	Limits
17060-07-0	1,2-Dichloroethane-D4	97%	93%	87%	59-143%
2037-26-5	Toluene-D8	91%	93%	107%	52-159%
460-00-4	4-Bromofluorobenzene	98%	98%	101%	38-183%

(a) Outside control limits due to matrix interference.
(b) Analytical precision exceeds in house control limits. Both BS and BSD are within passing criteria.

* = Outside of Control Limits.

MS 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: DA75517
Account: ALMS SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA:Cache 8-13,24,34,Cornish 8-53

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

DA75517-1, DA75517-2, DA75517-3, DA75517-4

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%

Blank Spike/Blank Spike Duplicate Summary

Job Number: DA75517
Account: ALMS SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA:Cache 8-13,24,34,Cornish 8-53

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

DA75517-1, DA75517-2, DA75517-3, DA75517-4

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.

Matrix Spike Summary

Job Number: DA75517
Account: ALMS SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA:Cache 8-13,24,34,Cornish 8-53

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

DA75517-1, DA75517-2, DA75517-3, DA75517-4

CAS No.	Compound	DA75512-6 ug/kg	Q	Spike ug/kg	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.

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: DA75517
Account: ALMS SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA:Cache 8-13,24,34,Cornish 8-53

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

DA75517-1, DA75517-2, DA75517-3, DA75517-4

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%

Blank Spike/Blank Spike Duplicate Summary

Job Number: DA75517
Account: ALMS SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA:Cache 8-13,24,34,Cornish 8-53

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

DA75517-1, DA75517-2, DA75517-3, DA75517-4

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%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: DA75517
Account: ALMS SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA:Cache 8-13,24,34,Cornish 8-53

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

DA75517-1, DA75517-2, DA75517-3, DA75517-4

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%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: DA75517
Account: ALMS SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA:Cache 8-13,24,34,Cornish 8-53

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

DA75517-1, DA75517-2, DA75517-3, DA75517-4

CAS No.	Compound	DA75512-6 mg/kg	Q	Spike mg/kg	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%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: DA75517
Account: ALMS SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA:Cache 8-13,24,34,Cornish 8-53

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

DA75517-1, DA75517-2, DA75517-3, DA75517-4

CAS No.	Compound	DA75512-6 mg/kg	Q	Spike mg/kg	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%

* = Outside of Control Limits.

Metals Analysis

QC Data Summaries

(SGS Scott, LA)

Includes the following where applicable:

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA75517
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA:Cache 8-13,24,34,Cornish 8-53

QC Batch ID: MP31747
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	40.7	<100
Magnesium	100	24	40	7.3	<100
Sodium	500	33	120	31.7	<500

Associated samples MP31747: DA75517-1A, DA75517-2A, DA75517-3A, DA75517-4A

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: DA75517
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA:Cache 8-13,24,34,Cornish 8-53

QC Batch ID: MP31747
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 09/29/25

Metal	DA75507-1A Original	DUP	RPD	QC Limits
Calcium	76200	78200	2.6	0-20
Magnesium	12900	13700	6.0	0-20
Sodium	51200	48900	4.6	0-20

Associated samples MP31747: DA75517-1A, DA75517-2A, DA75517-3A, DA75517-4A

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: DA75517
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA:Cache 8-13,24,34,Cornish 8-53

QC Batch ID: MP31747
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 09/29/25

Metal	BSP Result	Spikelot LA29BSPIKE	% Rec	QC Limits
Calcium	3830	4000	95.8	80-120
Magnesium	1860	2000	93.0	80-120
Sodium	106000	100000	106.0	80-120

Associated samples MP31747: DA75517-1A, DA75517-2A, DA75517-3A, DA75517-4A

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 Dayton, NJ)

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

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

FED-EX Tracking #	Bottle Order Control #
SGS Quote #	SGS Job # DA75517

Client / Reporting Information

Company Name: SGS North America Inc.
Street Address: 4036 Youngfield Street
City State Zip: Wheat Ridge, CO 80033
Project Contact E-mail: parna.eskandaripayandeh@sgs.com
Phone # 303-425-6021 Fax #
Sampler(s) Name(s) Phone #: EL

Project Information

Project Name: TASMCOA:Cache 8-13,24,34,Cornish 8-53
Street
City State
Project #
Client Purchase Order #
Project Manager

Billing Information (if different from Report to)

Company Name
Street Address
City State Zip
Attention:

Requested Analysis (see TEST CODE sheet)

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	XCRA7199	LAB USE ONLY
1	SEP01-DL@3'		9/22/25	11:10:00 AM	EL	SO										X	
2	SEP02-DL@3'		9/22/25	11:17:00 AM	EL	SO										X	
3	SEP03-DL@3'		9/22/25	11:19:00 AM	EL	SO										X	
4	SEP04-DL@3'		9/22/25	11:21:00 AM	EL	SO										X	

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

Turnaround Time (Business days)

Approved By (SGS PM): / Date:

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

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

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] REDT1 (Level 3)
- [ ] FULT1 (Level 4)
- [ ] Commercial "C"
- [ ] State Forms
- [ ] EDD Format
- [ ] Other
- [X] cc

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

Comments / Special Instructions

Initial Assessment 3A
Label Verification

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

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

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	9/23/25	1	2	9/24 10c	2
Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
3		3	4		4
Relinquished by:	Date Time:	Received By:	Custody Seal #	Intact / Not intact	Preserved where applicable / Therm. ID:	On Ice	Cooler Temp.
5		5					

11.1 11

DA75517: Chain of Custody
Page 1 of 2
SGS Dayton, NJ

SGS Sample Receipt Summary

Job Number: DA75517 **Client:** **Project:**

Date / Time Received: 9/24/2025 10:00:00 AM **Delivery Method:** FED EX **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (3.0);

Cooler Temps (Corrected) °C: Cooler 1: (3.1);

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

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

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

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

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

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

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

Comments

SM089-03
Rev. Date 12/7/17

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: DA75517
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA:Cache 8-13,24,34,Cornish 8-53

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chromium, Hexavalent	GP64795/GN74981	0.40	0.0	mg/kg	40	35.2	88.0	80-120%
Chromium, Hexavalent	GP64795/GN74981			mg/kg	1210	1070	88.4	80-120%

Associated Samples:
Batch GP64795: DA75517-1, DA75517-2, DA75517-3, DA75517-4
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA75517
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA:Cache 8-13,24,34,Cornish 8-53

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Chromium, Hexavalent	GP64795/GN74981	DA75515-1	mg/kg	0.0	0.0	0.0	0-20%

Associated Samples:
Batch GP64795: DA75517-1, DA75517-2, DA75517-3, DA75517-4
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA75517
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA:Cache 8-13,24,34,Cornish 8-53

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chromium, Hexavalent	GP64795/GN74981	DA75515-1	mg/kg	0.0	44.7	33.1	74.1N(a)	75-125%
Chromium, Hexavalent	GP64795/GN74981	DA75515-1	mg/kg	0.0	943	941	99.8(b)	75-125%

Associated Samples:
Batch GP64795: DA75517-1, DA75517-2, DA75517-3, DA75517-4
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(a) Soluble XCR matrix spike recovery indicates possible matrix interference. GOOD post spike recovery (92.2%) on this sample.
(b) Good recovery on insoluble XCR matrix spike. See additional comments on soluble matrix spike recovery.

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 #: DA75517

Client / Reporting Information

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

Project Information

Project Name: TASMCOA:Cache 8-13,24,34,Cornish 8-53
Street:
City: State:
Project #:
Client Purchase Order #:
Project Manager:

Billing Information (if different from Report to)

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

Requested Analysis (see TEST CODE sheet)

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	BLV8015DROORO36_BLV8270PAH915L_PH-SATPASTE_SCON_V8260GRO_V8260T915	PASTE_SAR_SARCA_SARMG_SARNA_	LAB USE ONLY
1	SEP01-DL@3'		9/22/25	11:10:00 AM	EL	SO										X		1
1A	SEP01-DL@3'		9/22/25	11:10:00 AM	EL	SO											X	1
2	SEP02-DL@3'		9/22/25	11:17:00 AM	EL	SO										X		1
2A	SEP02-DL@3'		9/22/25	11:17:00 AM	EL	SO											X	1
3	SEP03-DL@3'		9/22/25	11:19:00 AM	EL	SO										X		1
3A	SEP03-DL@3'		9/22/25	11:19:00 AM	EL	SO											X	1
4	SEP04-DL@3'		9/22/25	11:21:00 AM	EL	SO										X		1
4A	SEP04-DL@3'		9/22/25	11:21:00 AM	EL	SO											X	1

Matrix Codes

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

Turnaround Time (Business days)

Approved By (SGS PM): / Date:

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

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

Data Deliverable Information

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

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

Comments / Special Instructions

RB-2021 (TB3)
RPS15 VS (9)

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

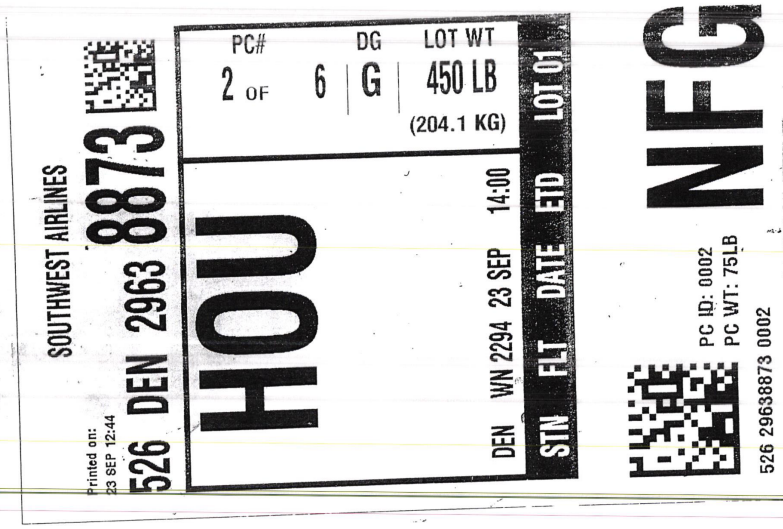
Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler: 1	Date Time:	Received By: 1 SWC	Relinquished By: 2 SWC	Date Time: 9/23/25 0000	Received By: 2 DA
Relinquished by Sampler: 3 DA	Date Time: 9/24/25 2047	Received By: 3 Parna Sam	9/24/25 715	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal # (Scott)	☐ Intact ☐ Not intact	Preserved where applicable ☐	On Ice ☐ Therm. ID: IR002	Cooler Temp: 1.3 2.4 1.1 1.6 2.2 1.3

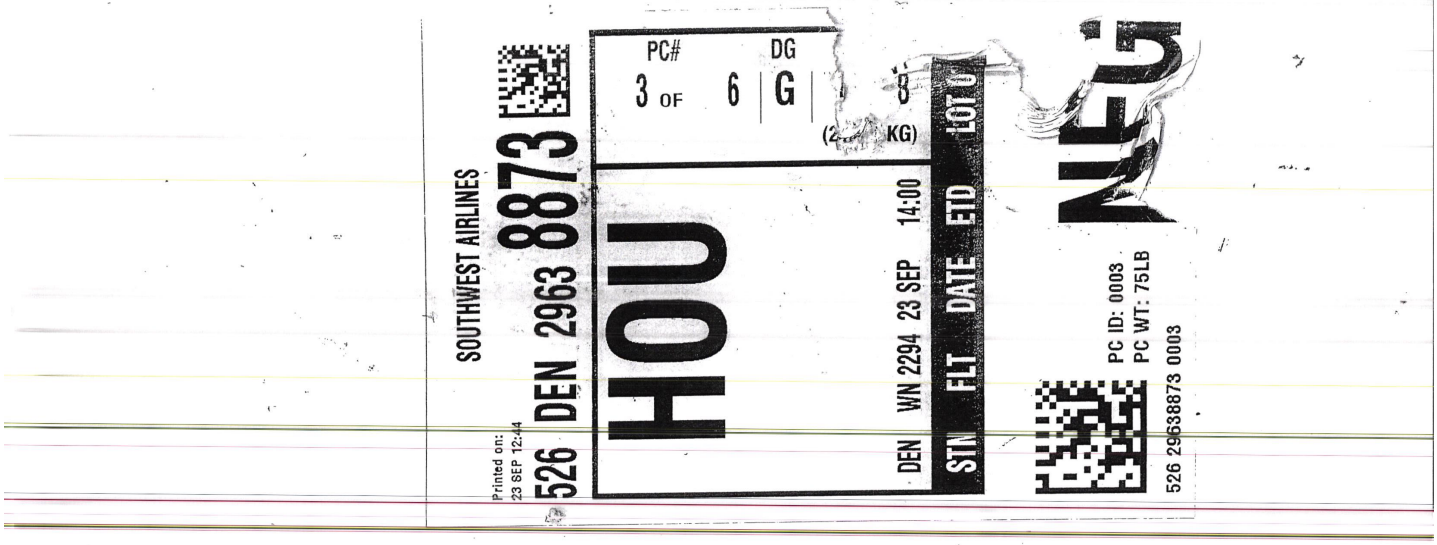
13.1
13

DA75517: Chain of Custody
Page 1 of 9
SGS Scott, LA

DA75517: Chain of Custody
Page 2 of 9



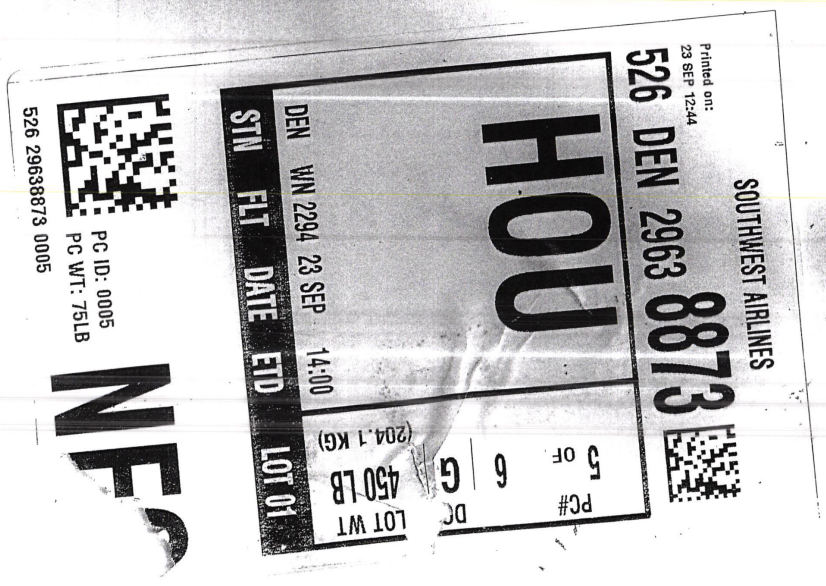
DA75517: Chain of Custody
Page 3 of 9



13.1 13

DA75517: Chain of Custody
Page 4 of 9

DA75517: Chain of Custody
Page 5 of 9

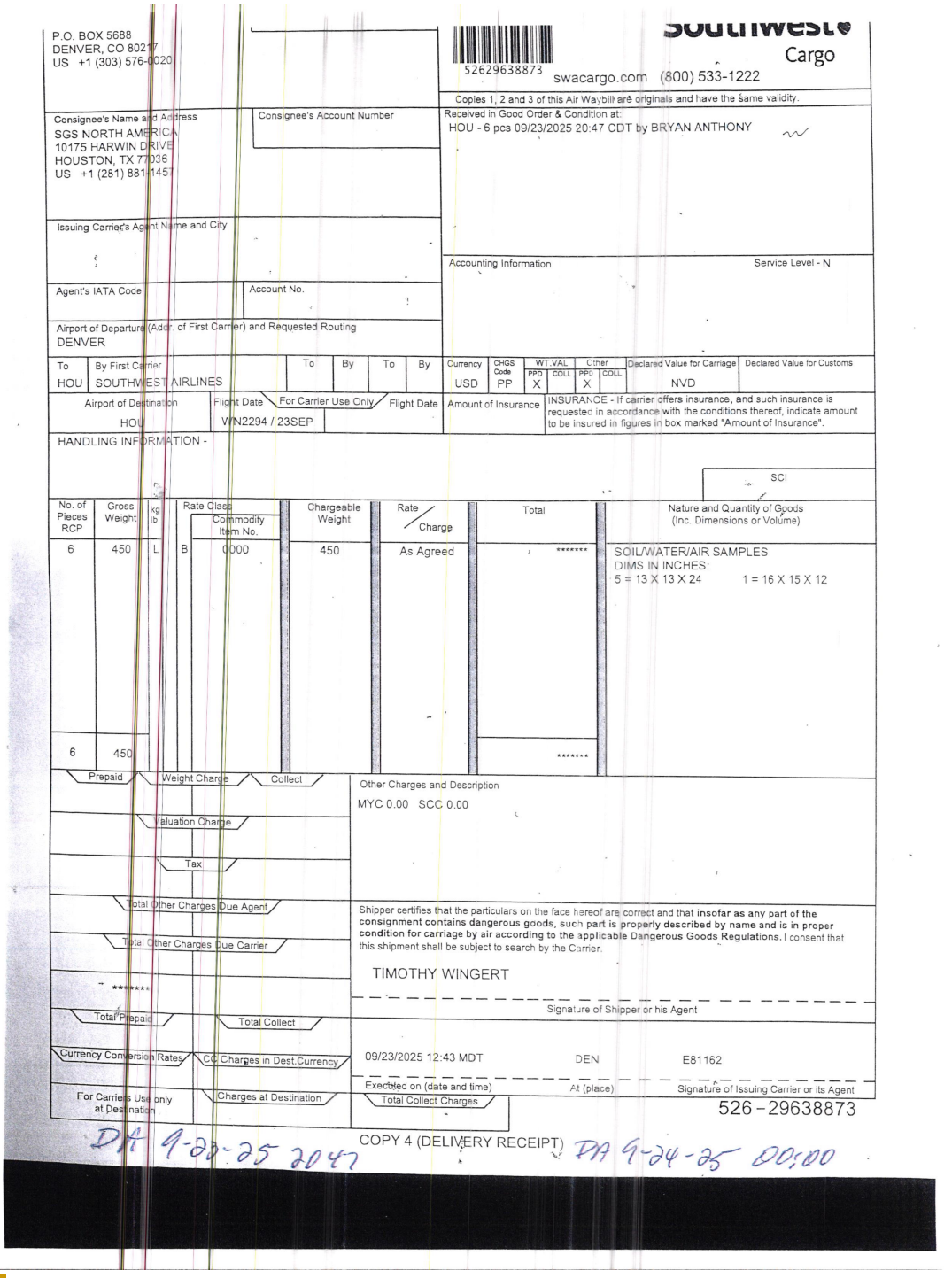


DA75517: Chain of Custody
Page 6 of 9

13.1

13

DA75517: Chain of Custody
Page 7 of 9



P.O. BOX 5688
DENVER, CO 80217
US +1 (303) 576-0020

52629638873

Southwest Cargo

swacargo.com (800) 533-1222

Copies 1, 2 and 3 of this Air Waybill are originals and have the same validity.

Consignee's Name and Address
SGS NORTH AMERICA
10175 HARWIN DRIVE
HOUSTON, TX 77036
US +1 (281) 881-1457

Consignee's Account Number

Received in Good Order & Condition at:
HOU - 6 pcs 09/23/2025 20:47 CDT by BRYAN ANTHONY

Issuing Carrier's Agent Name and City

Accounting Information

Service Level - N

Agent's IATA Code

Account No.

Airport of Departure (Addr. of First Carrier) and Requested Routing
DENVER

To	By First Carrier	To	By	To	By	Currency	CHGS Code	WT.VAL PPD	WT.VAL COLL	Other PPD	Other COLL	Declared Value for Carriage	Declared Value for Customs
HOU	SOUTHWEST AIRLINES					USD	PP	X		X		NVD	

Airport of Destination: HOU

Flight Date / For Carrier Use Only / Flight Date: WN2294 / 23SEP

Amount of Insurance

INSURANCE - If carrier offers insurance, and such insurance is requested in accordance with the conditions thereof, indicate amount to be insured in figures in box marked "Amount of Insurance".

HANDLING INFORMATION -

SCI

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
6	450						*******	

Prepaid / Weight Charge / Collect

Valuation Charge

Tax

Total Other Charges Due Agent

Total Other Charges Due Carrier

****

Total Prepaid / Total Collect

Currency Conversion Rates / CC Charges in Dest. Currency

For Carriers Use only at Destination / Charges at Destination / Total Collect Charges

Other Charges and Description
MYC 0.00 SCC 0.00

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 is in proper condition for carriage by air according to the applicable Dangerous Goods Regulations.** I 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

Executed on (date and time) At (place) Signature of Issuing Carrier or its Agent

526-29638873

COPY 4 (DELIVERY RECEIPT)

DA 9-23-25 2047 DA 9-24-25 00:00

[redacted]

DA75517: Chain of Custody

Page 8 of 9

13.1 13

SGS Sample Receipt Summary

Job Number: DA75517 **Client:** SGS CO **Project:** TASMCOA CACHE 8-13,24,34 CORNISH 8

Date / Time Received: 9/24/2025 7:15:00 AM **Delivery Method:** THWEST AIRLINES CAI **Airbill #'s:** 5262968873 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	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:		
3. Cooler media:	Ice (direct contact)	
4. No. Coolers:	6	

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

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

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

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

Test Strip Lot #s: pH 1-12: _____ pH 12+: _____ Other: (Specify) _____ _____

Comments

SM089-03
Rev. Date 12/7/17

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: DA75517
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA:Cache 8-13,24,34,Cornish 8-53

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Specific Conductivity	GN34640			mmhos/cm	xxxxxxxx	1.4	100.4	90-110%
pH	GN34600			su	xxxxxxx	7.02	100.3	99.1-100.9%

Associated Samples:
Batch GN34600: DA75517-1, DA75517-2, DA75517-3, DA75517-4
Batch GN34640: DA75517-1, DA75517-2, DA75517-3, DA75517-4
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA75517
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA:Cache 8-13,24,34,Cornish 8-53

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Specific Conductivity	GN34640	DA75507-1	mmhos/cm	0.83	0.81	2.9	0-10%
pH	GN34600	DA75512-3	su	7.54	7.53	0.1	0-20%

Associated Samples:
Batch GN34600: DA75517-1, DA75517-2, DA75517-3, DA75517-4
Batch GN34640: DA75517-1, DA75517-2, DA75517-3, DA75517-4
(*) Outside of QC limits