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Automated Report

Technical Report for

Civitas

TASMCOA: Brown 22-5

AFE#250465

SGS Job Number: DA75449

Sampling Date: 09/18/25

Report to:

Civitas Resources
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Total number of pages in report: 74

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

Eric Hoffman

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

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SGS North America Inc.

Sample Summary

Civitas

Job No: DA75449

TASMCOA: Brown 22-5
Project No: AFE#250465

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA75449-4	09/18/25	10:00	BL	09/18/25	SO	Soil	BG01@4'
DA75449-4A	09/18/25	10:00	BL	09/18/25	SO	Soil	BG01@4'
DA75449-4B	09/18/25	10:00	BL	09/18/25	SO	Soil	BG01@4'
DA75449-5	09/18/25	10:05	BL	09/18/25	SO	Soil	BG01@6'
DA75449-5A	09/18/25	10:05	BL	09/18/25	SO	Soil	BG01@6'
DA75449-5B	09/18/25	10:05	BL	09/18/25	SO	Soil	BG01@6'
DA75449-6	09/18/25	10:10	BL	09/18/25	SO	Soil	BG02@4'
DA75449-6A	09/18/25	10:10	BL	09/18/25	SO	Soil	BG02@4'
DA75449-6B	09/18/25	10:10	BL	09/18/25	SO	Soil	BG02@4'
DA75449-7	09/18/25	10:15	BL	09/18/25	SO	Soil	BG02@6'
DA75449-7A	09/18/25	10:15	BL	09/18/25	SO	Soil	BG02@6'
DA75449-7B	09/18/25	10:15	BL	09/18/25	SO	Soil	BG02@6'

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

Summary of Hits

Job Number: DA75449
Account: Civitas
Project: TASMCOA: Brown 22-5
Collected: 09/18/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA75449-4	**BG01@4'**					
Arsenic		4.5	0.067		mg/kg	SW846 6020B
Barium		231	0.67		mg/kg	SW846 6020B
Cadmium		0.22	0.033		mg/kg	SW846 6020B
Copper		12.9	0.67		mg/kg	SW846 6020B
Lead		11.9	0.17		mg/kg	SW846 6020B
Nickel		13.0	0.67		mg/kg	SW846 6020B
Selenium		0.23	0.13		mg/kg	SW846 6020B
Silver		0.048	0.033		mg/kg	SW846 6020B
Zinc		42.4	3.3		mg/kg	SW846 6020B
pH [a]		7.89			su	WREP-125,4E-SATPASTE
Specific Conductivity [a]		0.97	0.010		mmhos/cm	SM 2510B-2011 MOD
DA75449-4A	**BG01@4'**					
Calcium [a]		81.3	0.50		mg/l	SW846 6010C
Magnesium [a]		17.8	0.50		mg/l	SW846 6010C
Sodium [a]		118	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio [b]		3.09			ratio	USDA HANDBOOK 60
DA75449-4B	**BG01@4'**					
No hits reported in this sample.						
DA75449-5	**BG01@6'**					
Arsenic		3.7	0.076		mg/kg	SW846 6020B
Barium		208	0.76		mg/kg	SW846 6020B
Cadmium		0.16	0.038		mg/kg	SW846 6020B
Copper		11.3	0.76		mg/kg	SW846 6020B
Lead		11.9	0.19		mg/kg	SW846 6020B
Nickel		11.6	0.76		mg/kg	SW846 6020B
Selenium		0.26	0.15		mg/kg	SW846 6020B
Zinc		39.9	3.8		mg/kg	SW846 6020B
pH [a]		9.12			su	WREP-125,4E-SATPASTE
Specific Conductivity [a]		1.0	0.010		mmhos/cm	SM 2510B-2011 MOD
DA75449-5A	**BG01@6'**					
Calcium [a]		79.6	0.50		mg/l	SW846 6010C
Magnesium [a]		22.4	0.50		mg/l	SW846 6010C
Sodium [a]		126	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio [b]		3.21			ratio	USDA HANDBOOK 60

Summary of Hits

Job Number: DA75449
Account: Civitas
Project: TASMCOA: Brown 22-5
Collected: 09/18/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA75449-5B	**BG01@6'**					
No hits reported in this sample.						
DA75449-6	**BG02@4'**					
Arsenic		4.8	0.077		mg/kg	SW846 6020B
Barium		315	0.77		mg/kg	SW846 6020B
Cadmium		0.22	0.038		mg/kg	SW846 6020B
Copper		13.9	0.77		mg/kg	SW846 6020B
Lead		12.3	0.19		mg/kg	SW846 6020B
Nickel		14.4	0.77		mg/kg	SW846 6020B
Selenium		0.22	0.15		mg/kg	SW846 6020B
Silver		0.054	0.038		mg/kg	SW846 6020B
Zinc		43.3	3.8		mg/kg	SW846 6020B
pH [a]		8.32			su	WREP-125,4E-SATPASTE
Specific Conductivity [a]		0.96	0.010		mmhos/cm	SM 2510B-2011 MOD
DA75449-6A	**BG02@4'**					
Calcium [a]		75.3	0.50		mg/l	SW846 6010C
Magnesium [a]		20.5	0.50		mg/l	SW846 6010C
Sodium [a]		112	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio [b]		2.95			ratio	USDA HANDBOOK 60
DA75449-6B	**BG02@4'**					
No hits reported in this sample.						
DA75449-7	**BG02@6'**					
Arsenic		3.9	0.072		mg/kg	SW846 6020B
Barium		251	0.72		mg/kg	SW846 6020B
Cadmium		0.19	0.036		mg/kg	SW846 6020B
Copper		10.4	0.72		mg/kg	SW846 6020B
Lead		9.5	0.18		mg/kg	SW846 6020B
Nickel		10.8	0.72		mg/kg	SW846 6020B
Selenium		0.47	0.14		mg/kg	SW846 6020B
Zinc		32.6	3.6		mg/kg	SW846 6020B
pH [a]		7.30			su	WREP-125,4E-SATPASTE
Specific Conductivity [a]		0.80	0.010		mmhos/cm	SM 2510B-2011 MOD
DA75449-7A	**BG02@6'**					
Calcium [a]		68.9	0.50		mg/l	SW846 6010C

Summary of Hits

Job Number: DA75449
Account: Civitas
Project: TASMCOA: Brown 22-5
Collected: 09/18/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Magnesium [a]		17.2	0.50		mg/l	SW846 6010C
Sodium [a]		82.5	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio [b]		2.30			ratio	USDA HANDBOOK 60

DA75449-7B **BG02@6'**

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:	BG01@4'		
Lab Sample ID:	DA75449-4	**Date Sampled:**	09/18/25
Matrix:	SO - Soil	**Date Received:**	09/18/25
		Percent Solids:	91.6
Project:	TASMCOA: Brown 22-5		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	4.5	0.067	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	231	0.67	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.22	0.033	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	12.9	0.67	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	11.9	0.17	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	13.0	0.67	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.23	0.13	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	0.048	0.033	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	42.4	3.3	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19662
(2) Prep QC Batch: MP43091

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BG01@4'		
Lab Sample ID:	DA75449-4	**Date Sampled:**	09/18/25
Matrix:	SO - Soil	**Date Received:**	09/18/25
		Percent Solids:	91.6
Project:	TASMCOA: Brown 22-5		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	91.6		%	1	09/22/25	JWC	SM2540G-2011 M
pH-saturated paste method							
pH [a]	7.89		su	1	09/29/25 12:00	ALA	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity [a]	0.97	0.010	mmhos/cm	1	10/03/25 17:51	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent [b]	< 0.45	0.45	mg/kg	1	10/17/25 16:28	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:	BG01@4'		
Lab Sample ID:	DA75449-4A	**Date Sampled:**	09/18/25
Matrix:	SO - Soil	**Date Received:**	09/18/25
		Percent Solids:	91.6
Project:	TASMCOA: Brown 22-5		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium [a]	81.3	0.50	mg/l	5	09/29/25	10/02/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium [a]	17.8	0.50	mg/l	5	09/29/25	10/02/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium [a]	118	2.5	mg/l	5	09/29/25	10/02/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: L:MA30819
(2) Prep QC Batch: L:MP31727

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BG01@4'		
Lab Sample ID:	DA75449-4A	**Date Sampled:**	09/18/25
Matrix:	SO - Soil	**Date Received:**	09/18/25
		Percent Solids:	91.6
Project:	TASMCOA: Brown 22-5		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	3.09		ratio	1	10/02/25 18:10	ALA	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BG01@4'		
Lab Sample ID:	DA75449-4B	**Date Sampled:**	09/18/25
Matrix:	SO - Soil	**Date Received:**	09/18/25
		Percent Solids:	91.6
Project:	TASMCOA: Brown 22-5		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	09/24/25	09/25/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19665
(2) Prep QC Batch: MP43101

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BG01@6'		
Lab Sample ID:	DA75449-5	**Date Sampled:**	09/18/25
Matrix:	SO - Soil	**Date Received:**	09/18/25
		Percent Solids:	93.4
Project:	TASMCOA: Brown 22-5		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.7	0.076	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	208	0.76	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.16	0.038	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	11.3	0.76	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	11.9	0.19	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	11.6	0.76	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.26	0.15	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.038	0.038	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	39.9	3.8	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19662
(2) Prep QC Batch: MP43091

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BG01@6'		
Lab Sample ID:	DA75449-5	**Date Sampled:**	09/18/25
Matrix:	SO - Soil	**Date Received:**	09/18/25
		Percent Solids:	93.4
Project:	TASMCOA: Brown 22-5		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	93.4		%	1	09/22/25	JWC	SM2540G-2011 M
pH-saturated paste method							
pH [a]	9.12		su	1	09/29/25 12:00	ALA	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity [a]	1.0	0.010	mmhos/cm	1	10/03/25 17:51	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent [b]	< 0.44	0.44	mg/kg	1	10/17/25 16:44	ANJ	SW846 3060A/7199

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BG01@6'		
Lab Sample ID:	DA75449-5A	**Date Sampled:**	09/18/25
Matrix:	SO - Soil	**Date Received:**	09/18/25
		Percent Solids:	93.4
Project:	TASMCOA: Brown 22-5		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium [a]	79.6	0.50	mg/l	5	09/29/25	10/02/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium [a]	22.4	0.50	mg/l	5	09/29/25	10/02/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium [a]	126	2.5	mg/l	5	09/29/25	10/02/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: L:MA30819
(2) Prep QC Batch: L:MP31727

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BG01@6'		
Lab Sample ID:	DA75449-5A	**Date Sampled:**	09/18/25
Matrix:	SO - Soil	**Date Received:**	09/18/25
		Percent Solids:	93.4
Project:	TASMCOA: Brown 22-5		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	3.21		ratio	1	10/02/25 18:14	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:	BG01@6'		
Lab Sample ID:	DA75449-5B	**Date Sampled:**	09/18/25
Matrix:	SO - Soil	**Date Received:**	09/18/25
		Percent Solids:	93.4
Project:	TASMCOA: Brown 22-5		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	09/24/25	09/25/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19665
(2) Prep QC Batch: MP43101

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BG02@4'		
Lab Sample ID:	DA75449-6	**Date Sampled:**	09/18/25
Matrix:	SO - Soil	**Date Received:**	09/18/25
		Percent Solids:	93.5
Project:	TASMCOA: Brown 22-5		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	4.8	0.077	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	315	0.77	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.22	0.038	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	13.9	0.77	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	12.3	0.19	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	14.4	0.77	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.22	0.15	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	0.054	0.038	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	43.3	3.8	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19662
(2) Prep QC Batch: MP43091

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BG02@4'		
Lab Sample ID:	DA75449-6	**Date Sampled:**	09/18/25
Matrix:	SO - Soil	**Date Received:**	09/18/25
		Percent Solids:	93.5
Project:	TASMCOA: Brown 22-5		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	93.5		%	1	09/22/25	JWC	SM2540G-2011 M
pH-saturated paste method							
pH [a]	8.32		su	1	09/29/25 12:00	ALA	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity [a]	0.96	0.010	mmhos/cm	1	10/03/25 17:51	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent [b]	< 0.43	0.43	mg/kg	1	10/17/25 17:08	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:	BG02@4'		
Lab Sample ID:	DA75449-6A	**Date Sampled:**	09/18/25
Matrix:	SO - Soil	**Date Received:**	09/18/25
		Percent Solids:	93.5
Project:	TASMCOA: Brown 22-5		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium [a]	75.3	0.50	mg/l	5	09/29/25	10/02/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium [a]	20.5	0.50	mg/l	5	09/29/25	10/02/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium [a]	112	2.5	mg/l	5	09/29/25	10/02/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: L:MA30819
(2) Prep QC Batch: L:MP31727

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BG02@4'		
Lab Sample ID:	DA75449-6A	**Date Sampled:**	09/18/25
Matrix:	SO - Soil	**Date Received:**	09/18/25
		Percent Solids:	93.5
Project:	TASMCOA: Brown 22-5		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	2.95		ratio	1	10/02/25 18:18	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:	BG02@4'		
Lab Sample ID:	DA75449-6B	**Date Sampled:**	09/18/25
Matrix:	SO - Soil	**Date Received:**	09/18/25
		Percent Solids:	93.5
Project:	TASMCOA: Brown 22-5		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	09/24/25	09/25/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19665
(2) Prep QC Batch: MP43101

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BG02@6'		
Lab Sample ID:	DA75449-7	**Date Sampled:**	09/18/25
Matrix:	SO - Soil	**Date Received:**	09/18/25
		Percent Solids:	94.8
Project:	TASMCOA: Brown 22-5		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.9	0.072	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	251	0.72	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.19	0.036	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	10.4	0.72	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	9.5	0.18	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	10.8	0.72	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.47	0.14	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.036	0.036	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	32.6	3.6	mg/kg	5	09/23/25	09/25/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19662
(2) Prep QC Batch: MP43091

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BG02@6'		
Lab Sample ID:	DA75449-7	**Date Sampled:**	09/18/25
Matrix:	SO - Soil	**Date Received:**	09/18/25
		Percent Solids:	94.8
Project:	TASMCOA: Brown 22-5		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	94.8		%	1	09/22/25	JWC	SM2540G-2011 M
pH-saturated paste method							
pH [a]	7.30		su	1	09/29/25 12:00	ALA	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity [a]	0.80	0.010	mmhos/cm	1	10/03/25 17:51	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent [b]	< 0.43	0.43	mg/kg	1	10/14/25 16:04	ANJ	SW846 3060A/7199

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BG02@6'		
Lab Sample ID:	DA75449-7A	**Date Sampled:**	09/18/25
Matrix:	SO - Soil	**Date Received:**	09/18/25
		Percent Solids:	94.8
Project:	TASMCOA: Brown 22-5		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium [a]	68.9	0.50	mg/l	5	09/29/25	10/02/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium [a]	17.2	0.50	mg/l	5	09/29/25	10/02/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium [a]	82.5	2.5	mg/l	5	09/29/25	10/02/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: L:MA30819
(2) Prep QC Batch: L:MP31727

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BG02@6'		
Lab Sample ID:	DA75449-7A	**Date Sampled:**	09/18/25
Matrix:	SO - Soil	**Date Received:**	09/18/25
		Percent Solids:	94.8
Project:	TASMCOA: Brown 22-5		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	2.30		ratio	1	10/02/25 18:22	ALA	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BG02@6'		
Lab Sample ID:	DA75449-7B	**Date Sampled:**	09/18/25
Matrix:	SO - Soil	**Date Received:**	09/18/25
		Percent Solids:	94.8
Project:	TASMCOA: Brown 22-5		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	09/24/25	09/25/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19665
(2) Prep QC Batch: MP43101

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

PAGE 1 OF 1

4036 Youngfield Street, Wheat Ridge, CO 80033
TEL. 303-425-6021 FAX 303-425-6854
www.accutest.com

FED-EX Tracking # | Bottle Order Control #
Accutest Quote # | Accutest Job # DA75449

Client / Reporting Information

Company Name	Tasman/Civitas
Street Address	4725 Independence St.
City, State ZIP	Wheat Ridge, CO 80033
Project Contact	Sam Vogt / Jacob Evans
Phone #	610-405-9078
Email	svogt@tasman-geo.com / jevans@civilresources.com
Sampler(s) Name(s)	

Project Information

Project Name:	Brown 22-5
AFE#	250465
Billing Code	8523.195
Street	
City, State ZIP	
Project #	
Client Purchase Order #	
Project Manager	Sam Vogt / Jacob Evans

Billing Information (if different from Report to)

Company Name	Accounts Payable Civitas Resources, Inc
Street Address	650 Southgate Dr.
City, State Zip Code	Windsor, CO 80550

Requested Analysis (see TEST CODE sheet)

Accutest 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	BTEXN, TMBs - 915	TPH - 915	PAH - 915	Metals - 915	pH, EC, SAR, Boron - 915	Full Table 915-1
01	FL-B02e4'		9/18/25	900	BL	SO	3					3									X
02	FL-B06e4'			920																	↓
03	SP-CS02			925																	↓
04	BG01e4'			1000															X	X	
05	BG01e6'			1005															↓	↓	
06	BG02e4'			1010																	
07	BG02e6'			1015															↓	↓	
08	FL-B07e4'			1200																	X
09	FL-B09e4'			1210																	↓
10	SP-CS03		↓	1220	↓	↓	↓					↓									↓

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

LAB USE ONLY

Turnaround Time (Business days)

- [ ] Std. 15 Business Days
- [x] Std. 10 Business Days
- [ ] 5 Day RUSH
- [ ] 3 Day Emergency
- [ ] 2 Day Emergency
- [ ] 1 Day Emergency

Approved By (Accutest PM): / Date:

Emergency & Rush T/A data available VIA Labiink

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] COMMBN
- [ ] COMMBN+
- [ ] State Forms Required
- [ ] Send Forms to State
- [ ] Report by Fax
- [ ] Report by PDF
- [ ] EDD Format

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
Commercial BN = Results/QC/Narrative (+ = chromatograms)

Comments / Special Instructions

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

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	BL	9/18/25 1746	1	2		2
3			3	4		4
5			5			

Custody Seal # | Intact | Not intact | Preserved where applicable | On Ice | Cooler Temp. 3.2

DA75449: Chain of Custody
Page 1 of 4

SGS Sample Receipt Summary

Job Number: da75449 **Client:** CIVITAS **Project:** BROWN 22-5

Date / Time Received: 9/18/2025 5:46:00 PM **Delivery Method:** hd **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (3.2);

Cooler Temps (Corrected) °C: Cooler 1: (3.2);

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

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

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

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

Misc Information

Number of Encores: 25 Gram 5 Gram

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

Residual Chlorine Test Strip Lot

Number of Lab Filtered Metals

Other: (Specify)

Comments

SM001
Rev. Date 05/04/17

Technician: JADENC Date: 9/18/2025 6:04:44 PM Reviewer: Date:

Job Change Order: DA75449

Requested Date:	10/7/2025	**Received Date:**	9/18/2025
Account Name:	Civitas	**Due Date:**	10/7/2025
Project Description:	TASMCOA: Brown 22-5	**Deliverable:**	COMMB
C/O Initiated By:	P_ESKAND **PM:** PP	**TAT (Days):**	1

==========

Sample #: DA75449-1 **Dept:**

Client ID: FL-B02@4' **TAT:**

Change: Please cancel the following analyses, as the 8260VOA samples have exceeded HT: Metals, BLV8015DROORO36, BLV8270PAH915L, PH-SATPASTE, SCON, V8260GRO, V8260T915, XCRA719S XSAR, and HWS-B.

==========

Sample #: DA75449-2 **Dept:**

Client ID: FL-B06@4' **TAT:**

Change: Please cancel the following analyses, as the 8260VOA samples have exceeded HT: Metals, BLV8015DROORO36, BLV8270PAH915L, PH-SATPASTE, SCON, V8260GRO, V8260T915, XCRA719S XSAR, and HWS-B.

==========

Sample #: DA75449-3 **Dept:**

Client ID: SP-CS02 **TAT:**

Change: Please cancel the following analyses, as the 8260VOA samples have exceeded HT: Metals, BLV8015DROORO36, BLV8270PAH915L, PH-SATPASTE, SCON, V8260GRO, V8260T915, XCRA719S XSAR, and HWS-B.

==========

Sample #: DA75449-8 **Dept:**

Client ID: FL-B07@4' **TAT:**

Change: Please cancel the following analyses, as the 8260VOA samples have exceeded HT: Metals, BLV8015DROORO36, BLV8270PAH915L, PH-SATPASTE, SCON, V8260GRO, V8260T915, XCRA719S XSAR, and HWS-B.

Above Changes Per: Sam Vogt **Date/Time:** 10/7/2025

To Client: This Change Order is confirmation of the revisions, previously discussed with the Client Service Representative.

Job Change Order: DA75449

Requested Date:	10/7/2025	**Received Date:**	9/18/2025
Account Name:	Civitas	**Due Date:**	10/7/2025
Project Description:	TASMCOA: Brown 22-5	**Deliverable:**	COMMB
C/O Initiated By:	P_ESKAND **PM:** PP	**TAT (Days):**	1

==

Sample #: DA75449-9 **Dept:**

Client ID: FL-B09@4' **TAT:**

Change: Please cancel the following analyses, as the 8260VOA samples have exceeded HT: Metals, BLV8015DROORO36, BLV8270PAH915L, PH-SATPASTE, SCON, V8260GRO, V8260T915, XCRA719 XSAR, and HWS-B.

==

Sample #: DA75449-10 **Dept:**

Client ID: SP-CS03 **TAT:**

Change: Please cancel the following analyses, as the 8260VOA samples have exceeded HT: Metals, BLV8015DROORO36, BLV8270PAH915L, PH-SATPASTE, SCON, V8260GRO, V8260T915, XCRA719 XSAR, and HWS-B.

Above Changes Per: Sam Vogt **Date/Time:** 10/7/2025

To Client: This Change Order is confirmation of the revisions, previously discussed with the Client Service Representative.

Page 2 of 2

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: DA75449
Account: CIVITCOW - Civitas
Project: TASMCOA: Brown 22-5

QC Batch ID: MP43091
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 09/23/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	25	.26	2.5		
Antimony	0.20	.005	.025		
Arsenic	0.10	.025	.025	0.0053	<0.10
Barium	1.0	.048	.12	0.045	<1.0
Beryllium	0.10	.038	.02		
Boron	20	9.1	5		
Cadmium	0.050	.015	.02	0.0037	<0.050
Calcium	200	13	15		
Chromium	1.0	.043	.3		
Cobalt	0.10	.02	.013		
Copper	1.0	.025	.13	0.023	<1.0
Iron	10	.8	7.5		
Lead	0.25	.047	.1	0.018	<0.25
Magnesium	50	5	5		
Manganese	0.50	.04	.1		
Molybdenum	0.50	.019	.14		
Nickel	1.0	.049	.1	-0.27	<1.0
Phosphorus	30	3.8	13		
Potassium	100	1	13		
Selenium	0.20	.025	.025	0.0085	<0.20
Silver	0.050	.0041	.015	0.0011	<0.050
Sodium	250	5	15		
Strontium	10	.05	.5		
Thallium	0.10	.016	.02		
Tin	5.0	.11	2		
Titanium	1.0	.025	.15		
Uranium	0.10	.0074	.05		
Vanadium	0.50	.071	.1		
Zinc	5.0	.025	.5	0.059	<5.0

Associated samples MP43091: DA75449-4, DA75449-5, DA75449-6, DA75449-7

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA75449
Account: CIVITCOW - Civitas
Project: TASMCOA: Brown 22-5

QC Batch ID: MP43091
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 09/23/25

Metal	DA75450-10 Original	MS	Spikelot ICPMS6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	5.5	66.0	70.7	85.6	75-125
Barium	124	262	141	97.6	75-125
Beryllium					
Boron					
Cadmium	0.25	36.3	35.3	102.0	75-125
Calcium					
Chromium					
Cobalt					
Copper	14.3	45.2	35.3	87.4	75-125
Iron					
Lead	13.8	84.1	70.7	99.4	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel	13.3	43.7	35.3	86.0	75-125
Phosphorus					
Potassium					
Selenium	0.37	61.9	70.7	87.0	75-125
Silver	0.071	14.3	14.1	100.6	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	45.2	75.5	35.3	85.7	75-125

Associated samples MP43091: DA75449-4, DA75449-5, DA75449-6, DA75449-7

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA75449
Account: CIVITCOW - Civitas
Project: TASMCOA: Brown 22-5

QC Batch ID: MP43091
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 09/23/25

Metal	DA75450-10 Original	MSD	Spikelot ICPMS6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	5.5	56.2	61.3	82.7	16.0	20
Barium	124	261	123	111.7	0.4	20
Beryllium						
Boron						
Cadmium	0.25	31.3	30.7	101.3	14.8	20
Calcium						
Chromium						
Cobalt						
Copper	14.3	39.4	30.7	81.9	13.7	20
Iron						
Lead	13.8	73.3	61.3	97.0	13.7	20
Magnesium						
Manganese						
Molybdenum						
Nickel	13.3	37.8	30.7	79.9	14.5	20
Phosphorus						
Potassium						
Selenium	0.37	52.0	61.3	84.2	17.4	20
Silver	0.071	12.3	12.3	99.7	15.0	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc	45.2	68.1	30.7	74.7N(a)	10.3	20

Associated samples MP43091: DA75449-4, DA75449-5, DA75449-6, DA75449-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA75449
Account: CIVITCOW - Civitas
Project: TASMCOA: Brown 22-5

QC Batch ID: MP43091
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	95.5	100	95.5	80-120
Barium	187	200	93.5	80-120
Beryllium				
Boron				
Cadmium	49.9	50	99.8	80-120
Calcium				
Chromium				
Cobalt				
Copper	48.5	50	97.0	80-120
Iron				
Lead	101	100	101.0	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel	47.6	50	95.2	80-120
Phosphorus				
Potassium				
Selenium	97.5	100	97.5	80-120
Silver	19.7	20	98.5	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	47.1	50	94.2	80-120

Associated samples MP43091: DA75449-4, DA75449-5, DA75449-6, DA75449-7

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA75449
Account: CIVITCOW - Civitas
Project: TASMCOA: Brown 22-5

QC Batch ID: MP43091
Matrix Type: SOLID

Methods: SW846 6020B
Units: ug/l

Prep Date: 09/23/25

Metal	DA75450-10 Original	SDL 5:25	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	60.6	67.8	11.9	0-20
Barium	1370	1440	4.7	0-20
Beryllium				
Boron				
Cadmium	2.74	2.08	24.2 (a)	0-20
Calcium				
Chromium				
Cobalt				
Copper	158	174	10.1	0-20
Iron				
Lead	153	155	1.7	0-20
Magnesium				
Manganese				
Molybdenum				
Nickel	147	156	6.0	0-20
Phosphorus				
Potassium				
Selenium	4.09	3.52	14.1	0-20
Silver	0.782	0.708	9.4	0-20
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	501	545	8.8	0-20

Associated samples MP43091: DA75449-4, DA75449-5, DA75449-6, DA75449-7

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA75449
Account: CIVITCOW - Civitas
Project: TASMCOA: Brown 22-5

QC Batch ID: MP43101
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	2.5	<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 MP43101: DA75449-4B, DA75449-5B, DA75449-6B, DA75449-7B

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA75449
Account: CIVITCOW - Civitas
Project: TASMCOA: Brown 22-5

QC Batch ID: MP43101
Matrix Type: AQUEOUS

Methods: SW846 6010C
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: DA75449
Account: CIVITCOW - Civitas
Project: TASMCOA: Brown 22-5

QC Batch ID: MP43101
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 09/24/25

Metal	DA75450-10B Original	DUP	RPD	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	474	428	10.2	0-20
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 MP43101: DA75449-4B, DA75449-5B, DA75449-6B, DA75449-7B

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA75449
Account: CIVITCOW - Civitas
Project: TASMCOA: Brown 22-5

QC Batch ID: MP43101
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 09/24/25

	DA75450-10B		QC
Metal	Original DUP	RPD	Limits

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA75449
Account: CIVITCOW - Civitas
Project: TASMCOA: Brown 22-5

QC Batch ID: MP43101
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	9020	10000	90.2	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 MP43101: DA75449-4B, DA75449-5B, DA75449-6B, DA75449-7B

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA75449
Account: CIVITCOW - Civitas
Project: TASMCOA: Brown 22-5

QC Batch ID: MP43101
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: DA75449
Account: CIVITCOW - Civitas
Project: TASMCOA: Brown 22-5

QC Batch ID: MP43101
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 09/23/25

Metal	DA75450-10B Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	94.7	89.3	5.7	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 MP43101: DA75449-4B, DA75449-5B, DA75449-6B, DA75449-7B

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA75449
Account: CIVITCOW - Civitas
Project: TASMCOA: Brown 22-5

QC Batch ID: MP43101
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 09/23/25

	DA75450-10B		QC
Metal	Original SDL 1:5	%DIF	Limits

(anr) Analyte not requested

Misc. Forms

Custody Documents and Other Forms

(SGS Scott, LA)

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

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

FED-EX Tracking #: | Bottle Order Control #:
SGS Quote #: | SGS Job #: DA75449

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): BL, Phone:

Project Information

Project Name: TASMCOA: Brown 22-5
Street:
City: State:
Project #:
Client Purchase Order #:
Project Manager:

Billing Information (if different from Report to)

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

Requested Analysis (see TEST CODE sheet)

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

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	PASTE,SAR,SARCA,SARMG,SKRNA	PH-SATPASTE,SCON,V8260GRD,V8260T915	PH-SATPASTE,SCON	LAB USE ONLY
1	FL-B02@4'		9/18/25	9:00:00 AM	BL	SO											X		1
1A	FL-B02@4'		9/18/25	9:00:00 AM	BL	SO										X			1
2	FL-B06@4'		9/18/25	9:20:00 AM	BL	SO											X		1
2A	FL-B06@4'		9/18/25	9:20:00 AM	BL	SO										X			1
3	SP-CS02		9/18/25	9:25:00 AM	BL	SO											X		1
3A	SP-CS02		9/18/25	9:25:00 AM	BL	SO										X			1
4	BG01@4'		9/18/25	10:00:00 AM	BL	SO												X	1
4A	BG01@4'		9/18/25	10:00:00 AM	BL	SO										X			
5	BG01@6'		9/18/25	10:05:00 AM	BL	SO												X	1
5A	BG01@6'		9/18/25	10:05:00 AM	BL	SO										X			
6	BG02@4'		9/18/25	10:10:00 AM	BL	SO												X	1
6A	BG02@4'		9/18/25	10:10:00 AM	BL	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 9/29/2025

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

Data Deliverable Information

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

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

Comments / Special Instructions

W-43 (7B3)
BSL10 V8260 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	9/19/25 8:00	1 SWC	2 SWC	9.19.25 [illegible]	2 DA
3 DA	9.20.25	3 Renee Sam	4		4 1.8 1.4
5		5	Custody Seal # (5 cooler) Intact / Not intact	Preserved where applicable	On Ice / Cooler Temp. 1.2 1.6 2.1

Therm. ID: IR004

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 #: DA75449

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): BL, Phone:

Project Information

Project Name: TASMCOA: Brown 22-5
Street:
City: State: Zip:
Project #:
Client Purchase Order #:
Project Manager:

Billing Information (if different from Report to)

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

Requested Analysis (see TEST CODE sheet)

Matrix Codes

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

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	PASTE_SAR_SARCA_SARMG_SARNA_	PH-SATPASTE_SCON_V8260GRO_V8260T915	PH-SATPASTE_SCON	LAB USE ONLY
7	BG02@6'		9/18/25	10:15:00 AM	BL	SO												X	1
7A	BG02@6'		9/18/25	10:15:00 AM	BL	SO										X			
8	FL-B07@4'		9/18/25	12:00:00 PM	BL	SO											X		1
8A	FL-B07@4'		9/18/25	12:00:00 PM	BL	SO										X			1
9	FL-B09@4'		9/18/25	12:10:00 PM	BL	SO											X		1
9A	FL-B09@4'		9/18/25	12:10:00 PM	BL	SO										X			1
10	SP-CS03		9/18/25	12:20:00 PM	BL	SO											X		1
10A	SP-CS03		9/18/25	12:20:00 PM	BL	SO										X			1

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 9/29/2025

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

Data Deliverable Information

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

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

Comments / Special Instructions

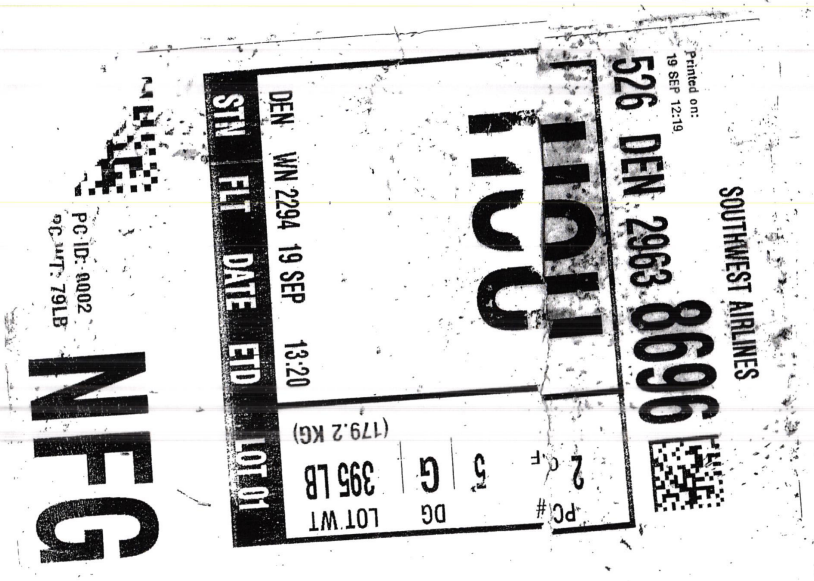
http://www.sgs.com/en/terms-and-conditions

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

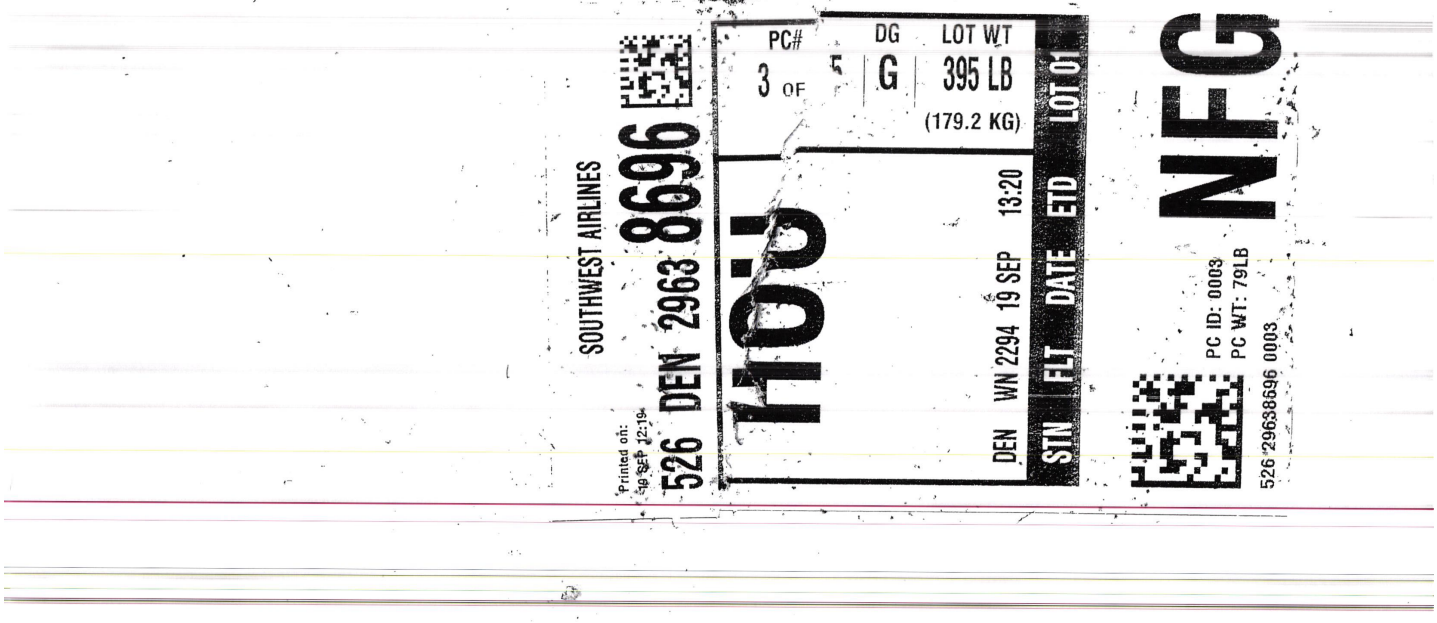
Relinquished by Sampler: 1	Date Time: 9/19/25	Received By: 1 SWC	Relinquished By: 2 SWC	Date Time: 9/19/25 2300	Received By: 2 DA
Relinquished by Sampler: 3 DA	Date Time: 9/20/25 300	Received By: 3 Renee Sam	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal # CS Cooler	Intact / Not intact	Preserved where applicable / On Ice / Therm. ID: IR002

Cooler Temp: 1.8 1.4 1.2 1.6 2.1

DA75449: Chain of Custody
Page 3 of 11



DA75449: Chain of Custody
Page 4 of 11

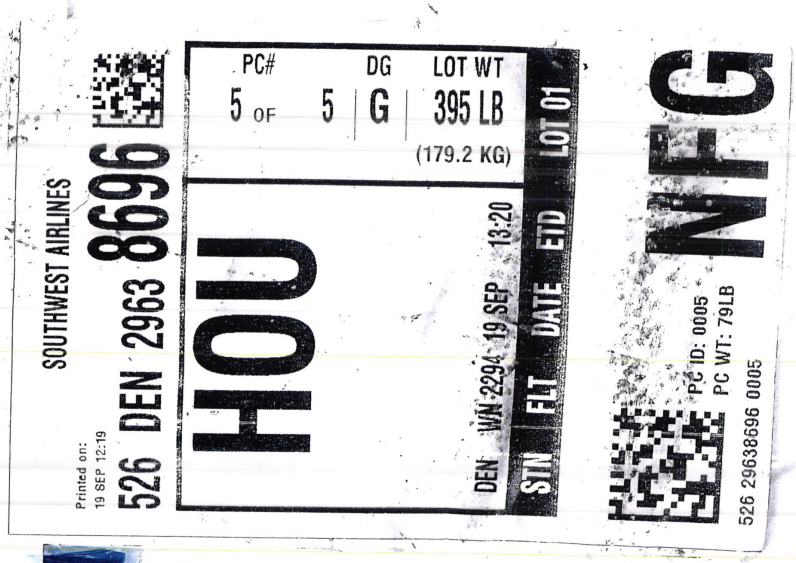


6.1

6

DA75449: Chain of Custody
Page 5 of 11

SOUTHWEST AIRLINES
Printed on:
19 SEP 12:19
526 DEN 2963 8696
PC#
4 OF 5
DG
G
LOT WT
395 LB
(179.2 KG)
HOU
STN
DEN
FLT
WN 2294
DATE
19 SEP
ETD
13:20
LOT 01
NFG
PC ID: 0004
PC WT: 79LB
526 29638696 0004



6.1

6

DA75449: Chain of Custody
Page 7 of 11

526 | DEN | 29638696 526 - 29638696

Shipper's Name and Address PRECISION AIR CARGO P.O. BOX 5688 DENVER, CO 80217 US +1 (303) 576-0020	Shipper's Account Number 30495 - 1
Consignee's Name and Address SGS 10175 HARWIN DRIVE HOUSTON, TX 77306 US +1 (281) 881-1457	Consignee's Account Number
Issuing Carrier's Agent Name and City	
Agent's IATA Code	Account No.
Airport of Departure (Addr. of First Carrier) and Requested Routing DENVER	

Not Negotiable / Issued by

52629638696

Southwest Cargo

swacargo.com (800) 533-1222

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

Received in Good Order & Condition at:
HOU - 5 pcs 09/19/2025 23:31 CDT by DUSTIN ANTHONY DA

Accounting Information

Service Level - N

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	Flight Date (For Carrier Use Only)	Flight Date	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".
HOU	WN2294 / 19SEP			

HANDLING INFORMATION - FIVE COOLER HAS ICE IN IT

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)
5	395	L	B	0000	395	As Agreed	*******	SOIL/WATER/AIR SAMPLES DIMS IN INCHES. 5 = 13 X 15 X 23
5	395						*******	

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

Received: DA 9/19/25 23:00

Refund: DA 9/20/25 03:00

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.

RODERICK KAMIL LEE

Signature of Shipper or his Agent

Executed on (date and time)	At (place)	Signature of Issuing Carrier or its Agent
09/19/2025 12:18 MDT	DEN	E81162

526 - 29638696

COPY 4 (DELIVERY RECEIPT)

DA75449: Chain of Custody

Page 8 of 11

526 | DEN | 29638696

526 – 29638696

Shipper's Name and Address PRECISION AIR CARGO P.O. BOX 5688 DENVER, CO 80217 US +1 (303) 576-0020	Shipper's Account Number 30495 - 1
Consignee's Name and Address SGS 10175 HARWIN DRIVE HOUSTON, TX 77036 US +1 (281) 881-1457	Consignee's Account Number
Issuing Carrier's Agent Name and City	
Agent's IATA Code	Account No.
Airport of Departure (Addr. of First Carrier) and Requested Routing DENVER	

Not Negotiable / Issued by

52629638696

Southwest Cargo

swacargo.com (800) 533-1222

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

Received in Good Order & Condition at:
HOU - 5 pcs 09/19/2025 23 31 CDT by DUSTIN ANTHONY DA

Accounting Information

Service Level - N

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	Flight Date (For Carrier Use Only)	Flight Date	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".
HOU	WN2294 / 19SEP			

HANDLING INFORMATION - FIVE COOLER HAS ICE IN IT

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)
5	395	L	B	0000	395	As Agreed	*******	SOIL/WATER/AIR SAMPLES DIMS IN INCHES: 5 = 13 X 15 X 23
5	395						*******	

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

Received: DA 9/19/25 23:00

Released: DA 9/20/25 03:00

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.

RODERICK KAMIL LEE

Signature of Shipper or his Agent

Executed on (date and time)	At (place)	Signature of Issuing Carrier or its Agent
09/19/2025 12:18 MDT	DEN	E81162

526 – 29638696

COPY 4 (DELIVERY RECEIPT)

DA75449: Chain of Custody
Page 10 of 11

SGS Sample Receipt Summary

Job Number: da75449 **Client:** SGS NORTH AMERICA INC. **Project:** TASMCOA BROWN 22-5

Date / Time Received: 9/20/2025 8:15:00 AM **Delivery Method:** SGS DRIVER **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (1.8); Cooler 2: (1.2); Cooler 3: (2.1); Cooler 4: (1.4); Cooler 5: (1.6);

Cooler Temps (Corrected) °C: Cooler 1: (1.6); Cooler 2: (1.0); Cooler 3: (1.9); Cooler 4: (1.2); Cooler 5: (1.4);

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

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR GUN		
3. Cooler media:	Ice (direct contact)		
4. No. Coolers:	5		

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

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6

DA75449: Chain of Custody
Page 11 of 11

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: DA75449
Account: ALMS - SGS Wheat Ridge, CO
Project: CIVITCOW: TASMCOA: Brown 22-5

QC Batch ID: MP31727
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 09/29/25

Metal	RL	IDL	MDL	MB raw	final
Calcium	100	3.8	32	-12	<100
Magnesium	100	22	40	-0.98	<100
Sodium	500	20	120	-8.7	<500

Associated samples MP31727: DA75449-4A, DA75449-5A, DA75449-6A, DA75449-7A

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: DA75449
Account: ALMS - SGS Wheat Ridge, CO
Project: CIVITCOW: TASMCOA: Brown 22-5

QC Batch ID: MP31727
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 09/29/25

Metal	DA75446-5A Original	DUP	RPD	QC Limits
Calcium	28200	28200	0.0	0-20
Magnesium	4960	5140	3.6	0-20
Sodium	5210	5100	2.1	0-20

Associated samples MP31727: DA75449-4A, DA75449-5A, DA75449-6A, DA75449-7A

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: DA75449
Account: ALMS - SGS Wheat Ridge, CO
Project: CIVITCOW: TASMCOA: Brown 22-5

QC Batch ID: MP31727
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 09/29/25

Metal	BSP Result	Spikelot LA29BSPIKE	% Rec	QC Limits
Calcium	3820	4000	95.5	80-120
Magnesium	1900	2000	95.0	80-120
Sodium	94400	100000	94.4	80-120

Associated samples MP31727: DA75449-4A, DA75449-5A, DA75449-6A, DA75449-7A

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

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: DA75449
Account: ALMS - SGS Wheat Ridge, CO
Project: CIVITCOW: TASMCOA: Brown 22-5

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Specific Conductivity	GN34585			mmhos/cm	xxxxxxxx	1.4	98.9	90-110%
pH	GN34580			su	xxxxxxx	7.03	100.4	99.1-100.9%

Associated Samples:
Batch GN34580: DA75449-6, DA75449-7
Batch GN34585: DA75449-1, DA75449-2, DA75449-3, DA75449-4, DA75449-5, DA75449-6, DA75449-7, DA75449-8, DA75449-9, DA75449-10
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA75449
Account: ALMS - SGS Wheat Ridge, CO
Project: CIVITCOW: TASMCOA: Brown 22-5

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Specific Conductivity	GN34585	DA75446-5	mmhos/cm	0.18	0.19	1.3	0-10%
pH	GN34580	DA75449-7	su	7.30	7.29	0.1	0-20%

Associated Samples:
Batch GN34580: DA75449-6, DA75449-7
Batch GN34585: DA75449-1, DA75449-2, DA75449-3, DA75449-4, DA75449-5, DA75449-6, DA75449-7, DA75449-8, DA75449-9, DA75449-10
(*) Outside of QC limits

Misc. Forms

Custody Documents and Other Forms

(SGS Dayton, NJ)

Includes the following where applicable:

- Chain of Custody

SO

CHAIN OF CUSTODY

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

FED-EX Tracking # 7444 9078 6540 | Bottle Order Control #
SGS Quote # | SGS Job # DA75449

Client / Reporting Information	Project Information	Billing Information (if different from Report to)
Company Name: SGS North America Inc.	Project Name: TASMCOA: Brown 22-5	
Street Address: 4036 Youngfield Street	Street	
City State Zip: Wheat Ridge, CO 8003	City State	Company Name
Project Contact E-mail: parna.eskandaripayandeh@sgs.com	Project #	Street Address
Phone # 303-425-6021 Fax #	Client Purchase Order #	City State Zip
Sampler(s) Name(s) Phone: BL	Project Manager	Attention:

Requested Analysis (see TEST CODE sheet)

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

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	XCRA7199	XCRA7199	LAB USE ONLY
1	FL-B02@4'		9/18/25	9:00:00 AM	BL	SO										X		
2	FL-B06@4'		9/18/25	9:20:00 AM	BL	SO										X		
3	SP-CS02		9/18/25	9:25:00 AM	BL	SO										X		
4	BG01@4'		9/18/25	10:00:00 AM	BL	SO											X	
5	BG01@6'		9/18/25	10:05:00 AM	BL	SO											X	
6	BG02@4'		9/18/25	10:10:00 AM	BL	SO											X	
7	BG02@6'		9/18/25	10:15:00 AM	BL	SO											X	
8	FL-B07@4'		9/18/25	12:00:00 PM	BL	SO										X		
9	FL-B09@4'		9/18/25	12:10:00 PM	BL	SO										X		
10	SP-CS03		9/18/25	12:20:00 PM	BL	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 9/29/2025

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

Data Deliverable Information

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

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

Comments / Special Instructions

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

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

Relinquished by Sampler: 1	Date Time: 9/19/25	Received By: 1 FX	Relinquished By: 2 FX	Date Time: 9/20/25 0930	Received By: 2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal # ☐ Intact ☐ Not intact	Preserved where applicable ☐ Therm. ID:	On Ice ☑ Cooler Temp. 2.0 IR50

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SGS Sample Receipt Summary

Job Number: da75449 **Client:** **Project:**

Date / Time Received: 9/20/2025 9:30:00 AM **Delivery Method:** FED EX **Airbill #'s:** 7444 9078 6540

Cooler Temps (Raw Measured) °C: Cooler 1: (2.0);

Cooler Temps (Corrected) °C: Cooler 1: (2.1);

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

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DA75449: Chain of Custody
Page 2 of 4

Job Change Order: DA75449

Requested Date:	10/7/2025	**Received Date:**	9/18/2025
Account Name:	Civitas	**Due Date:**	10/7/2025
Project Description:	TASMCOA: Brown 22-5	**Deliverable:**	COMMB
C/O Initiated By:	P_ESKAND **PM:** PP	**TAT (Days):**	1

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Sample #: DA75449-1 **Dept:**

Client ID: FL-B02@4' **TAT:**

Change: Please cancel the following analyses, as the 8260VOA samples have exceeded HT: Metals, BLV8015DROORO36, BLV8270PAH915L, PH-SATPASTE, SCON, V8260GRO, V8260T915, XCRA719S XSAR, and HWS-B.

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Sample #: DA75449-2 **Dept:**

Client ID: FL-B06@4' **TAT:**

Change: Please cancel the following analyses, as the 8260VOA samples have exceeded HT: Metals, BLV8015DROORO36, BLV8270PAH915L, PH-SATPASTE, SCON, V8260GRO, V8260T915, XCRA719S XSAR, and HWS-B.

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Sample #: DA75449-3 **Dept:**

Client ID: SP-CS02 **TAT:**

Change: Please cancel the following analyses, as the 8260VOA samples have exceeded HT: Metals, BLV8015DROORO36, BLV8270PAH915L, PH-SATPASTE, SCON, V8260GRO, V8260T915, XCRA719S XSAR, and HWS-B.

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Sample #: DA75449-8 **Dept:**

Client ID: FL-B07@4' **TAT:**

Change: Please cancel the following analyses, as the 8260VOA samples have exceeded HT: Metals, BLV8015DROORO36, BLV8270PAH915L, PH-SATPASTE, SCON, V8260GRO, V8260T915, XCRA719S XSAR, and HWS-B.

Above Changes Per: Sam Vogt **Date/Time:** 10/7/2025

To Client: This Change Order is confirmation of the revisions, previously discussed with the Client Service Representative.

DA75449: Chain of Custody

Job Change Order: DA75449

Requested Date: 10/7/2025 **Received Date:** 9/18/2025

Account Name: Civitas **Due Date:** 10/7/2025

Project Description: TASMCOA: Brown 22-5 **Deliverable:** COMMB

C/O Initiated By: P_ESKAND **PM:** PP **TAT (Days):** 1

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Sample #: DA75449-9 **Dept:**

Client ID: FL-B09@4' **TAT:**

Change: Please cancel the following analyses, as the 8260VOA samples have exceeded HT: Metals, BLV8015DROORO36, BLV8270PAH915L, PH-SATPASTE, SCON, V8260GRO, V8260T915, XCRA719(XSAR, and HWS-B.

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Sample #: DA75449-10 **Dept:**

Client ID: SP-CS03 **TAT:**

Change: Please cancel the following analyses, as the 8260VOA samples have exceeded HT: Metals, BLV8015DROORO36, BLV8270PAH915L, PH-SATPASTE, SCON, V8260GRO, V8260T915, XCRA719(XSAR, and HWS-B.

Above Changes Per: Sam Vogt **Date/Time:** 10/7/2025

To Client: This Change Order is confirmation of the revisions, previously discussed with the Client Service Representative.

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: DA75449
Account: ALMS - SGS Wheat Ridge, CO
Project: CIVITCOW: TASMCOA: Brown 22-5

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chromium, Hexavalent	GP64688/GN74914	0.40	0.0	mg/kg	40	39.3	98.3	80-120%
Chromium, Hexavalent	GP64688/GN74914			mg/kg	760	658	86.6	80-120%
Chromium, Hexavalent	GP64724/GN74721	0.40	0.0	mg/kg	40	39.6	99.0	80-120%
Chromium, Hexavalent	GP64724/GN74721			mg/kg	1050	1020	97.2	80-120%

Associated Samples:
Batch GP64688: DA75449-4, DA75449-5, DA75449-6
Batch GP64724: DA75449-7
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA75449
Account: ALMS - SGS Wheat Ridge, CO
Project: CIVITCOW: TASMCOA: Brown 22-5

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Chromium, Hexavalent	GP64688/GN74914	DA75446-6	mg/kg	0.30	0.0	200.0(a)	0-20%
Chromium, Hexavalent	GP64724/GN74721	DA76039-6	mg/kg	0.32	0.0	200.0(a)	0-20%

Associated Samples:
Batch GP64688: DA75449-4, DA75449-5, DA75449-6
Batch GP64724: DA75449-7
(*) Outside of QC limits
(a) RPD acceptable due to low duplicate and sample concentrations.

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA75449
Account: ALMS - SGS Wheat Ridge, CO
Project: CIVITCOW: TASMCOA: Brown 22-5

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chromium, Hexavalent	GP64688/GN74914	DA75446-6	mg/kg	0.30	43.2	38.6	88.7(a)	75-125%
Chromium, Hexavalent	GP64688/GN74914	DA75446-6	mg/kg	0.30	1210	813	67.2N(b)	75-125%
Chromium, Hexavalent	GP64724/GN74721	DA76039-6	mg/kg	0.32	40.6	39.5	96.4(c)	75-125%
Chromium, Hexavalent	GP64724/GN74721	DA76039-6	mg/kg	0.32	1010	970	96.1(d)	75-125%

Associated Samples:
Batch GP64688: DA75449-4, DA75449-5, DA75449-6
Batch GP64724: DA75449-7
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(a) Good recovery on soluble XCR matrix spike. Good recovery (103 %) on the post-spike.
(b) Insoluble XCR matrix spike recovery indicates possible matrix interference. See additional comments on soluble matrix spike recovery.
(c) Good recovery on soluble XCR matrix spike. Good recovery (107.2%) on the post-spike.
(d) Good recovery on insoluble XCR matrix spike. See additional comments on soluble matrix spike recovery.