



Stantec Consulting Services

March 16, 2026

Chris Roy

2000 S. Colorado Blvd. Suite 2-300

Denver CO 80222

Project Name - Civitas - Siebring 5-63-32 NE

Project Number - 37523

Attached are your analytical results for Civitas - Siebring 5-63-32 NE received by Origins Laboratory February 24, 2026. This project is associated with Origins project number DJB0647-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

The laboratory is TNI accredited by the Utah DHHS ELAP under certificate number CO010822024.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory
303.433.1322
projectmanager@originslab.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645



Stantec Consulting Services
2000 S. Colorado Blvd. Suite 2-300
Denver CO 80222

Chris Roy
Project Number: 37523
Project: Civitas - Siebring 5-63-32 NE

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BG01@1	DJB0647-01	Soil	February 24, 2026 11:20	02/24/2026 15:00
BG01@3	DJB0647-02	Soil	February 24, 2026 11:30	02/24/2026 15:00
BG01@4	DJB0647-03	Soil	February 24, 2026 11:40	02/24/2026 15:00
BG01@5	DJB0647-04	Soil	February 24, 2026 11:50	02/24/2026 15:00
BG02@1	DJB0647-05	Soil	February 24, 2026 12:05	02/24/2026 15:00
BG02@3	DJB0647-06	Soil	February 24, 2026 12:15	02/24/2026 15:00
BG02@4	DJB0647-07	Soil	February 24, 2026 12:25	02/24/2026 15:00
BG02@5	DJB0647-08	Soil	February 24, 2026 12:35	02/24/2026 15:00

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Chain of Custody Record
 Lab No: **D580647**
 Page: **1** of **1**

Turn Around Time (rush by advanced notice only)
 Standard: **X** 2 Day
 5 Day
 3 Day
 Custom TAT

Matrix: A = Air S = Soil/Solid W = Water
 SD = Sediment P = Product O = Oil
 WW = Wastewater T = Tissue WP = Wipe
 X = Other
 Sample Type: C = Composite
 G = Grab or Discrete
 B = Blank O = Other
 Preservatives: 0 = none
 1 = Na₂S₂O₃ 2 = HCl
 3 = HNO₃ 4 = H₂SO₄
 5 = NaOH 6 = Other
 Sample Receipt Temp and Notes: **5.8C ice**
 (lab use only)

CUSTOMER INFORMATION
 Company: Stanlec / Civitas
 Report To: Civitas GSDT Neptune
 Email: Stanlec Team
 Address: 410 7th Street, Denver, CO 80202 Suite 1400
 Phone:
 Fax:

PROJECT INFORMATION
 Name: **Sidling 5-63-32 NE**
 Rem #:
 Major Minor:
 Analyzed By: **Sam O'Boyle**

Sample ID	Sampling Date	Sampling Time (24 hr)	Matrix	Sample Type	Pres	Cont. No.	Cont. Size	Initials	Full Table 915-1 (soil)	Full Table 915-1 (water)	Analysis Request	Test Instructions / Comments
1 B01021	2/24/26	1130	S	G	-	2	4oz	SO		X	BC Table 915-1	
2 B01023		1140										
3 B01024		1150										
4 B01025		1205										
5 B02021		1215										
6 B02023		1225										
7 B02024		1235										
8 B02025												
9												
10												

Signature
 Relinquished By: *Sam O'Boyle*
 Received By: *Sam O'Boyle*
 Relinquished By: *Nikki Mevoria*
 Received By: *Nikki Mevoria*
 Relinquished By:
 Received By:
 Relinquished By:
 Received By:

Print Name
 Relinquished By: **Sam O'Boyle**
 Received By: **Sam O'Boyle**
 Relinquished By: **Nikki Mevoria**
 Received By: **Nikki Mevoria**
 Relinquished By:
 Received By:
 Relinquished By:
 Received By:

Company / Title
 Relinquished By: **Stanlec**
 Received By: **Stanlec**
 Relinquished By: **Enhalpy**
 Received By: **Enhalpy**
 Relinquished By:
 Received By:
 Relinquished By:
 Received By:

Date / Time
 Relinquished By: **2/24/26**
 Received By: **2/24/26 15:00**
 Relinquished By:
 Received By:
 Relinquished By:
 Received By:

Enthalpy Analytical

F-012207-01-R1

Sample Receipt Checklist

Enthalpy Work Order: D58D0647 Client: Stantec
 Checklist Completed by: NB / Aw Client Project ID: Siebring 5-63...
 Date/Time Completed: 02/24/20 Shipped Via: _____
 Matrix(es) Received: Soil/Solid _____ Water _____ Other: _____
 Thermometer ID(s): T004 _____
 Temperature as read (°C): 4.7 _____
 Temperature as reported (°C): 5.8 _____

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	/			
Is there ice present (document if blue ice is used)	/			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		/		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		/		
Were all samples received intact ⁽¹⁾ ?	/			
Was adequate sample volume provided ⁽¹⁾ ?	/			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		/		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	/			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	/			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	/			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	/			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			/	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses to insure sample integrity)/(pH <2 for samples preserved with HNO ₃ , HCl, H ₂ SO ₄) / (pH >10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH, etc.)			/	
Additional Comments (if any):				

⁽¹⁾If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

[Signature]
 Reviewed by (Project Manager)

2/25/20
 Date/Time Reviewed



Stantec Consulting Services
 2000 S. Colorado Blvd. Suite 2-300
 Denver CO 80222

Chris Roy
 Project Number: 37523
 Project: Civitas - Siebring 5-63-32 NE

BG01@1
 2/24/2026 11:20:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJB0647-01 (Soil)									
Enthalpy Analytical									
Total Metals by CrVI SW7199									
Chromium, Hexavalent	0.25	0.10	0.25	mg/kg dry	1	BJC0490	03/09/2026	03/14/2026	J
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	1.96		0.122	mg/L dry	1	6B25032	02/25/2026	03/03/2026	
Metals by Saturated Paste by EPA 6010									
Calcium	7.21		0.499	meq/L	10	[CALC]	02/25/2026	03/02/2026	
Magnesium	4.36		0.823	"	"	"	"	"	
Sodium	15.6		0.435	"	"	"	"	"	
Percent Solids									
Total Solids, Percent	82.9			mass percent	1	6B25111	02/25/2026	02/25/2026	
pH in Soil by 9045D									
pH	8.24			pH Units	1	6B25045	02/25/2026	02/28/2026	
SAR by 20B Saturated Paste									
SAR	6.48		0.0100	SAR	1	6B25026	02/25/2026	03/02/2026	

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Kayla Kenyon For Jen Pellegrini, Project Manager



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Chris Roy
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BG01@1
 2/24/2026 11:20:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJB0647-01 (Soil)									
Origins Laboratory									
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	2.36		0.00500	mmhos/cm	1	6B25045	02/25/2026	02/28/2026	
Table 915 metals by EPA 6020B									
Arsenic	4.96		0.245	mg/kg dry	10	6B24108	02/24/2026	02/26/2026	
Barium	211		69.1	"	"	"	"	"	
Cadmium	0.378		0.320	"	"	"	"	"	
Copper	ND		38.8	"	"	"	"	"	U
Lead	18.7		11.8	"	"	"	"	"	
Nickel	ND		21.9	"	"	"	"	"	U
Selenium	0.333		0.207	"	"	"	"	"	
Silver	ND		0.674	"	"	"	"	"	U
Zinc	ND		312	"	"	"	"	"	U

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Chris Roy
 Project Number: 37523
 Project: Civitas - Siebring 5-63-32 NE

BG01@3
 2/24/2026 11:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJB0647-02 (Soil)									
Enthalpy Analytical									
Total Metals by CrVI SW7199									
Chromium, Hexavalent	0.40	0.10	0.24	mg/kg dry	1	BJC0490	03/09/2026	03/14/2026	
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	0.968		0.124	mg/L dry	1	6B25032	02/25/2026	03/03/2026	
Metals by Saturated Paste by EPA 6010									
Calcium	6.41		0.499	meq/L	10	[CALC]	02/25/2026	03/02/2026	
Magnesium	4.77		0.823	"	"	"	"	"	
Sodium	15.4		0.435	"	"	"	"	"	
Percent Solids									
Total Solids, Percent	79.0			mass percent	1	6B25111	02/25/2026	02/25/2026	
pH in Soil by 9045D									
pH	8.26			pH Units	1	6B25045	02/25/2026	02/28/2026	
SAR by 20B Saturated Paste									
SAR	6.53		0.0100	SAR	1	6B25026	02/25/2026	03/02/2026	

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Chris Roy
 Project Number: 37523
 Project: Civitas - Siebring 5-63-32 NE

BG01@3
 2/24/2026 11:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJB0647-02 (Soil)									
Origins Laboratory									
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	2.45		0.00500	mmhos/cm	1	6B25045	02/25/2026	02/28/2026	
Table 915 metals by EPA 6020B									
Arsenic	5.02		0.273	mg/kg dry	10	6B24108	02/24/2026	02/26/2026	
Barium	203		76.9	"	"	"	"	"	
Cadmium	ND		0.357	"	"	"	"	"	U
Copper	ND		43.2	"	"	"	"	"	U
Lead	ND		13.1	"	"	"	"	"	U
Nickel	ND		24.4	"	"	"	"	"	U
Selenium	ND		0.231	"	"	"	"	"	U
Silver	ND		0.751	"	"	"	"	"	U
Zinc	ND		347	"	"	"	"	"	U

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Kayla Kenyon For Jen Pellegrini, Project Manager



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 Denver CO 80222

Chris Roy
 Project Number: 37523
 Project: Civitas - Siebring 5-63-32 NE

BG01@4
 2/24/2026 11:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJB0647-03 (Soil)									
Enthalpy Analytical									
Total Metals by CrVI SW7199									
Chromium, Hexavalent	0.17	0.10	0.25	mg/kg dry	1	BJC0490	03/09/2026	03/14/2026	J
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	0.875		0.120	mg/L dry	1	6B25032	02/25/2026	03/03/2026	
Metals by Saturated Paste by EPA 6010									
Calcium	5.31		0.499	meq/L	10	[CALC]	02/25/2026	03/02/2026	
Magnesium	3.82		0.823	"	"	"	"	"	
Sodium	12.9		0.435	"	"	"	"	"	
Percent Solids									
Total Solids, Percent	84.6			mass percent	1	6B25111	02/25/2026	02/25/2026	
pH in Soil by 9045D									
pH	8.27			pH Units	1	6B25045	02/25/2026	02/28/2026	
SAR by 20B Saturated Paste									
SAR	6.03		0.0100	SAR	1	6B25026	02/25/2026	03/02/2026	

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 Denver CO 80222

Chris Roy
 Project Number: 37523
 Project: Civitas - Siebring 5-63-32 NE

BG01@4
 2/24/2026 11:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJB0647-03 (Soil)									
Origins Laboratory									
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	2.02		0.00500	mmhos/cm	1	6B25045	02/25/2026	02/28/2026	
Table 915 metals by EPA 6020B									
Arsenic	4.13		0.234	mg/kg dry	10	6B24108	02/24/2026	02/26/2026	
Barium	125		65.9	"	"	"	"	"	
Cadmium	ND		0.306	"	"	"	"	"	U
Copper	ND		37.0	"	"	"	"	"	U
Lead	ND		11.3	"	"	"	"	"	U
Nickel	ND		20.9	"	"	"	"	"	U
Selenium	ND		0.198	"	"	"	"	"	U
Silver	ND		0.643	"	"	"	"	"	U
Zinc	ND		298	"	"	"	"	"	U

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Kayla Kenyon For Jen Pellegrini, Project Manager



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 Denver CO 80222

Chris Roy
 Project Number: 37523
 Project: Civitas - Siebring 5-63-32 NE

BG01@5
 2/24/2026 11:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJB0647-04 (Soil)									
Enthalpy Analytical									
Total Metals by CrVI SW7199									
Chromium, Hexavalent	0.14	0.10	0.24	mg/kg dry	1	BJC0490	03/09/2026	03/14/2026	J
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	1.11		0.127	mg/L dry	1	6B25032	02/25/2026	03/03/2026	
Metals by Saturated Paste by EPA 6010									
Calcium	5.52		0.499	meq/L	10	[CALC]	02/25/2026	03/02/2026	
Magnesium	3.94		0.823	"	"	"	"	"	
Sodium	13.3		0.435	"	"	"	"	"	
Percent Solids									
Total Solids, Percent	80.4			mass percent	1	6B25111	02/25/2026	02/25/2026	
pH in Soil by 9045D									
pH	8.23			pH Units	1	6B25045	02/25/2026	02/28/2026	
SAR by 20B Saturated Paste									
SAR	6.10		0.0100	SAR	1	6B25026	02/25/2026	03/02/2026	

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Kayla Kenyon For Jen Pellegrini, Project Manager



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 Denver CO 80222

Chris Roy
 Project Number: 37523
 Project: Civitas - Siebring 5-63-32 NE

BG01@5
 2/24/2026 11:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJB0647-04 (Soil)									
Origins Laboratory									
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	2.10		0.00500	mmhos/cm	1	6B25045	02/25/2026	02/28/2026	
Table 915 metals by EPA 6020B									
Arsenic	3.45		0.231	mg/kg dry	10	6B24108	02/24/2026	02/26/2026	
Barium	88.6		65.3	"	"	"	"	"	
Cadmium	ND		0.303	"	"	"	"	"	U
Copper	ND		36.6	"	"	"	"	"	U
Lead	14.6		11.1	"	"	"	"	"	
Nickel	ND		20.7	"	"	"	"	"	U
Selenium	ND		0.196	"	"	"	"	"	U
Silver	ND		0.637	"	"	"	"	"	U
Zinc	ND		295	"	"	"	"	"	U

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 2000 S. Colorado Blvd. Suite 2-300
 Denver CO 80222

Chris Roy
 Project Number: 37523
 Project: Civitas - Siebring 5-63-32 NE

BG02@1
2/24/2026 12:05:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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DJB0647-05 (Soil)
Enthalpy Analytical

Total Metals by CrVI SW7199

Chromium, Hexavalent	ND	0.10	0.24	mg/kg dry	1	BJC0490	03/09/2026	03/14/2026	
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	1.44		0.123	mg/L dry	1	6B25032	02/25/2026	03/03/2026	
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Metals by Saturated Paste by EPA 6010

Calcium	7.42		0.499	meq/L	10	[CALC]	02/25/2026	03/02/2026	
Magnesium	4.41		0.823	"	"	"	"	"	
Sodium	12.6		0.435	"	"	"	"	"	

Percent Solids

Total Solids, Percent	82.6			mass percent	1	6B25111	02/25/2026	02/25/2026	
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pH in Soil by 9045D

pH	8.22			pH Units	1	6B25045	02/25/2026	02/28/2026	
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SAR by 20B Saturated Paste

SAR	5.19		0.0100	SAR	1	6B25026	02/25/2026	03/02/2026	
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Stantec Consulting Services
 2000 S. Colorado Blvd. Suite 2-300
 Denver CO 80222

Chris Roy
 Project Number: 37523
 Project: Civitas - Siebring 5-63-32 NE

BG02@1
 2/24/2026 12:05:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJB0647-05 (Soil)									
Origins Laboratory									
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	2.15		0.00500	mmhos/cm	1	6B25045	02/25/2026	02/28/2026	
Table 915 metals by EPA 6020B									
Arsenic	5.40		0.259	mg/kg dry	10	6B24108	02/24/2026	02/26/2026	
Barium	230		73.0	"	"	"	"	"	
Cadmium	0.353		0.338	"	"	"	"	"	
Copper	ND		41.0	"	"	"	"	"	U
Lead	18.2		12.5	"	"	"	"	"	
Nickel	ND		23.2	"	"	"	"	"	U
Selenium	0.343		0.219	"	"	"	"	"	
Silver	ND		0.713	"	"	"	"	"	U
Zinc	ND		330	"	"	"	"	"	U

Origins Laboratory

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Kayla Kenyon For Jen Pellegrini, Project Manager



Stantec Consulting Services
 2000 S. Colorado Blvd. Suite 2-300
 Denver CO 80222

Chris Roy
 Project Number: 37523
 Project: Civitas - Siebring 5-63-32 NE

BG02@3
 2/24/2026 12:15:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJB0647-06 (Soil)									
Enthalpy Analytical									
Total Metals by CrVI SW7199									
Chromium, Hexavalent	0.16	0.09	0.23	mg/kg dry	1	BJC0490	03/09/2026	03/14/2026	J
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	0.779		0.122	mg/L dry	1	6B25032	02/25/2026	03/03/2026	
Metals by Saturated Paste by EPA 6010									
Calcium	6.34		0.499	meq/L	10	[CALC]	02/25/2026	03/02/2026	
Magnesium	4.05		0.823	"	"	"	"	"	
Sodium	11.4		0.435	"	"	"	"	"	
Percent Solids									
Total Solids, Percent	83.5			mass percent	1	6B25111	02/25/2026	02/25/2026	
pH in Soil by 9045D									
pH	8.17			pH Units	1	6B25045	02/25/2026	02/28/2026	
SAR by 20B Saturated Paste									
SAR	4.99		0.0100	SAR	1	6B25026	02/25/2026	03/02/2026	

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 Denver CO 80222

Chris Roy
 Project Number: 37523
 Project: Civitas - Siebring 5-63-32 NE

BG02@3
2/24/2026 12:15:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJB0647-06 (Soil)									
Origins Laboratory									
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	2.00		0.00500	mmhos/cm	1	6B25045	02/25/2026	02/28/2026	
Table 915 metals by EPA 6020B									
Arsenic	4.74		0.226	mg/kg dry	10	6B24108	02/24/2026	02/26/2026	
Barium	134		63.8	"	"	"	"	"	
Cadmium	ND		0.295	"	"	"	"	"	U
Copper	ND		35.8	"	"	"	"	"	U
Lead	11.6		10.9	"	"	"	"	"	
Nickel	ND		20.2	"	"	"	"	"	U
Selenium	0.367		0.191	"	"	"	"	"	
Silver	ND		0.622	"	"	"	"	"	U
Zinc	ND		288	"	"	"	"	"	U

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 Denver CO 80222

Chris Roy
 Project Number: 37523
 Project: Civitas - Siebring 5-63-32 NE

BG02@4
 2/24/2026 12:25:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJB0647-07 (Soil)									
Enthalpy Analytical									
Total Metals by CrVI SW7199									
Chromium, Hexavalent	0.15	0.09	0.24	mg/kg dry	1	BJC0490	03/09/2026	03/14/2026	J
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	0.684		0.116	mg/L dry	1	6B25032	02/25/2026	03/03/2026	
Metals by Saturated Paste by EPA 6010									
Calcium	5.42		0.499	meq/L	10	[CALC]	02/25/2026	03/02/2026	
Magnesium	3.65		0.823	"	"	"	"	"	
Sodium	10.1		0.435	"	"	"	"	"	
Percent Solids									
Total Solids, Percent	85.9			mass percent	1	6B25111	02/25/2026	02/25/2026	
pH in Soil by 9045D									
pH	8.23			pH Units	1	6B25045	02/25/2026	02/28/2026	
SAR by 20B Saturated Paste									
SAR	4.77		0.0100	SAR	1	6B25026	02/25/2026	03/02/2026	

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Kayla Kenyon For Jen Pellegrini, Project Manager



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Chris Roy
 Project Number: 37523
 Project: Civitas - Siebring 5-63-32 NE

BG02@4
 2/24/2026 12:25:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJB0647-07 (Soil)									
Origins Laboratory									
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	1.76		0.00500	mmhos/cm	1	6B25045	02/25/2026	02/28/2026	
Table 915 metals by EPA 6020B									
Arsenic	3.04		0.221	mg/kg dry	10	6B24108	02/24/2026	02/26/2026	
Barium	103		62.2	"	"	"	"	"	
Cadmium	ND		0.288	"	"	"	"	"	U
Copper	ND		34.9	"	"	"	"	"	U
Lead	10.8		10.6	"	"	"	"	"	
Nickel	ND		19.7	"	"	"	"	"	U
Selenium	ND		0.187	"	"	"	"	"	U
Silver	ND		0.607	"	"	"	"	"	U
Zinc	ND		281	"	"	"	"	"	U

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Chris Roy
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 Project: Civitas - Siebring 5-63-32 NE

BG02@5
 2/24/2026 12:35:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJB0647-08 (Soil)									
Enthalpy Analytical									
Total Metals by CrVI SW7199									
Chromium, Hexavalent	0.21	0.10	0.25	mg/kg dry	1	BJC0490	03/09/2026	03/14/2026	J
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	1.26		0.127	mg/L dry	1	6B25032	02/25/2026	03/03/2026	
Metals by Saturated Paste by EPA 6010									
Calcium	5.94		0.499	meq/L	10	[CALC]	02/25/2026	03/02/2026	
Magnesium	4.12		0.823	"	"	"	"	"	
Sodium	11.0		0.435	"	"	"	"	"	
Percent Solids									
Total Solids, Percent	79.2			mass percent	1	6B25111	02/25/2026	02/25/2026	
pH in Soil by 9045D									
pH	8.22			pH Units	1	6B25045	02/25/2026	02/28/2026	
SAR by 20B Saturated Paste									
SAR	4.89		0.0100	SAR	1	6B25026	02/25/2026	03/02/2026	

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Chris Roy
 Project Number: 37523
 Project: Civitas - Siebring 5-63-32 NE

BG02@5
 2/24/2026 12:35:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJB0647-08 (Soil)									
Origins Laboratory									
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	1.95		0.00500	mmhos/cm	1	6B25045	02/25/2026	02/28/2026	
Table 915 metals by EPA 6020B									
Arsenic	3.68		0.273	mg/kg dry	10	6B24108	02/24/2026	02/26/2026	
Barium	133		77.0	"	"	"	"	"	
Cadmium	ND		0.357	"	"	"	"	"	U
Copper	ND		43.2	"	"	"	"	"	U
Lead	14.7		13.1	"	"	"	"	"	
Nickel	ND		24.4	"	"	"	"	"	U
Selenium	ND		0.231	"	"	"	"	"	U
Silver	ND		0.751	"	"	"	"	"	U
Zinc	ND		348	"	"	"	"	"	U

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Chris Roy
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***** DEFAULT GENERAL METHOD *** - Quality Control**
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6B25111 - % Solids

Duplicate (6B25111-DUP1)

Source: DJB0641-06

Prepared: 02/25/2026 Analyzed: 02/25/2026

Total Solids, Percent	89.2		mass percent		89.3			0.113	20	
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Duplicate (6B25111-DUP2)

Source: DJB0647-01

Prepared: 02/25/2026 Analyzed: 02/25/2026

Total Solids, Percent	83.0		mass percent		82.9			0.205	20	
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 Project: Civitas - Siebring 5-63-32 NE

Classical Chemistry Parameters - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6B25026 - Saturated Paste Metals

Blank (6B25026-BLK1)

Prepared: 02/25/2026 Analyzed: 03/02/2026

Calcium PPM	ND	10.0	mg/L							U
SAR	ND	0.0100	SAR							U
Magnesium PPM	ND	10.0	mg/L							U
Sodium PPM	ND	10.0	"							U

Duplicate (6B25026-DUP1)

Source: DJB0640-08

Prepared: 02/25/2026 Analyzed: 03/02/2026

SAR	ND	0.0100	SAR		3.20			200		U
Calcium PPM	43.6	10.0	mg/L		39.0			11.2	50	
Magnesium PPM	22.9	10.0	"		20.6			10.8	50	
Sodium PPM	103	10.0	"		99.2			3.90	50	

Batch 6B25032 - DTPA Sorbitol Preparation

Blank (6B25032-BLK1)

Prepared: 02/25/2026 Analyzed: 03/03/2026

(DTPA Sorbitol) Boron	ND	0.100	mg/L wet							U
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Duplicate (6B25032-DUP1)

Source: DJB0642-04

Prepared: 02/25/2026 Analyzed: 03/03/2026

(DTPA Sorbitol) Boron	0.253	0.108	mg/L dry		0.248			2.18	50	
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Kayla Kenyon For Jen Pellegrini, Project Manager



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Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6B24108 - EPA 3050B

Blank (6B24108-BLK1)

Prepared: 02/24/2026 Analyzed: 02/26/2026

Arsenic	ND	0.218	mg/kg wet							U
Barium	ND	61.5	"							U
Cadmium	ND	0.285	"							U
Copper	ND	34.5	"							U
Lead	ND	10.5	"							U
Nickel	ND	19.5	"							U
Selenium	ND	0.184	"							U
Silver	ND	0.600	"							U
Zinc	ND	278	"							U

LCS (6B24108-BS1)

Prepared: 02/24/2026 Analyzed: 02/26/2026

Arsenic	5.23	0.218	mg/kg wet	5.00		105	80-120			
Barium	500	61.5	"	500		99.9	80-120			
Cadmium	4.96	0.285	"	5.00		99.2	80-120			
Copper	51.3	34.5	"	50.0		103	80-120			
Lead	4.98	10.5	"	5.00		99.5	80-120			U
Nickel	5.12	19.5	"	5.00		102	80-120			U
Selenium	5.11	0.184	"	5.00		102	80-120			
Silver	5.05	0.600	"	5.00		101	80-120			
Zinc	51.6	278	"	50.0		103	80-120			U

Matrix Spike (6B24108-MS1)

Source: DJB0640-07

Prepared: 02/24/2026 Analyzed: 02/26/2026

Arsenic	8.31	0.229	mg/kg dry	5.26	3.67	88.0	75-125			
Barium	608	64.7	"	526	71.5	102	75-125			
Cadmium	5.31	0.300	"	5.26	0.124	98.5	75-125			
Copper	62.6	36.3	"	52.6	7.32	105	75-125			
Lead	12.7	11.0	"	5.26	7.51	99.2	75-125			

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Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6B24108 - EPA 3050B

Matrix Spike (6B24108-MS1)

Source: DJB0640-07

Prepared: 02/24/2026 Analyzed: 02/26/2026

Nickel	13.7	20.5	mg/kg dry	5.26	8.02	108	75-125			U
Selenium	4.93	0.194	"	5.26	0.0517	92.8	75-125			
Silver	5.42	0.631	"	5.26	0.0194	103	75-125			
Zinc	95.6	292	"	52.6	37.2	111	75-125			U

Matrix Spike Dup (6B24108-MSD1)

Source: DJB0640-07

Prepared: 02/24/2026 Analyzed: 02/26/2026

Arsenic	8.53	0.226	mg/kg dry	5.18	3.67	93.7	75-125	2.62	20	
Barium	573	63.7	"	518	71.5	96.8	75-125	5.99	20	
Cadmium	5.22	0.295	"	5.18	0.124	98.5	75-125	1.62	20	
Copper	61.5	35.7	"	51.8	7.32	105	75-125	1.71	20	
Lead	13.6	10.9	"	5.18	7.51	117	75-125	6.52	20	
Nickel	15.4	20.2	"	5.18	8.02	142	75-125	11.6	20	QM-07, U
Selenium	4.94	0.191	"	5.18	0.0517	94.4	75-125	0.0919	20	
Silver	5.27	0.621	"	5.18	0.0194	101	75-125	2.89	20	
Zinc	106	287	"	51.8	37.2	134	75-125	10.7	20	QM-07, U

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Kayla Kenyon For Jen Pellegrini, Project Manager



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Chris Roy
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Saturated Paste - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6B25045 - Saturated Paste pH/EC

Blank (6B25045-BLK1)

Prepared: 02/25/2026 Analyzed: 02/28/2026

Specific Conductance (EC)	ND	0.00500	mmhos/cm							U
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Duplicate (6B25045-DUP1)

Source: DJB0640-08

Prepared: 02/25/2026 Analyzed: 02/28/2026

Specific Conductance (EC)	0.867	0.00500	mmhos/cm		0.801			7.91	25	
pH	8.28		pH Units		8.30			0.241	25	

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Total Metals by CrVI SW7199 - Quality Control
Enthalpy Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BJC0490 - No Prep IC-WET										
Blank (BJC0490-BLK1)										
					Prepared: 03/09/2026 Analyzed: 03/14/2026					
Chromium, Hexavalent	ND	0.005	mg/kg wet dry							
LCS (BJC0490-BS1)										
					Prepared: 03/09/2026 Analyzed: 03/14/2026					
Chromium, Hexavalent	0.05	0.005	mg/kg wet dry	0.0500		102	80-120			
LCS (BJC0490-BS2)										
					Prepared: 03/09/2026 Analyzed: 03/14/2026					
Chromium, Hexavalent	8.41	1.00	mg/kg wet dry	8.07		104	80-120			
Duplicate (BJC0490-DUP1)										
		Source: DJB0647-03			Prepared: 03/09/2026 Analyzed: 03/14/2026					
Chromium, Hexavalent	0.16	0.24	mg/kg dry		0.17			6.15	20	J
Matrix Spike (BJC0490-MS1)										
		Source: DJB0647-03			Prepared: 03/09/2026 Analyzed: 03/14/2026					
Chromium, Hexavalent	2.55	0.24	mg/kg dry	2.43	0.17	98.0	75-125			
Matrix Spike (BJC0490-MS2)										
		Source: DJB0647-03			Prepared: 03/09/2026 Analyzed: 03/14/2026					
Chromium, Hexavalent	2.76	0.23	mg/kg dry	2.28	0.17	113	75-125			

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Chris Roy
Project Number: 37523
Project: Civitas - Siebring 5-63-32 NE

Notes and Definitions

- U Sample is Non-Detect.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- J The reported result is an estimated value.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

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