



SENT VIA ELECTRONIC COMMUNICATION

Mr. Elliott Russell  
Environmental Protection Specialist  
Colorado Department of Natural Resources  
Division of Reclamation, Mining and Safety  
Office of Mined Land Reclamation  
1313 Sherman Street, Room 215  
Denver, Colorado 80203

March 19, 2025

**RE: Emergency Notification Follow-up Notice March 2025; Permit No. M-1980-244**

Dear Mr. Russell:

The Cripple Creek and Victor Gold Mining Company (CC&V) herein provides the required follow-up notice for the Emergency Notification issued to DRMS on March 12, 2025, as part of Permit No. M-1980-244. This notice is to satisfy the requirements within the Colorado Mined Land Reclamation Board's Hard Rock/Metal Mining Rule 8, section 8.2.3. Requirements within are presented below in **bold** and CC&V's responses included in *italics*.

On March 12, at approximately 10:30 am a potential spill beyond the liner on the 10,200 lift of VLF2 Phase 3 occurred. The cold weather caused the drip line to freeze, resulting in solution dispersing and forming a large ice accumulation at the edge of the lift. As the ice melted, the solution traveled down the slope beyond the edge of the liner. The ore material had been over dumped, filling in the safety ditch between the toe and edge of the liner. This resulted in approximately 50-gallons of solution traveling beyond the edge of liner.

DRMS Hard Rock Rule 8.2.3 requirements are listed below in bold text, followed by details from CC&V in *italics*:

**As soon as practicable after an emergency situation or condition is reported and addressed, but no later than five (5) working days, the Operator shall provide a written report of the event to the Office.**

**The report shall provide a description of:**

**(a) actions taken to respond to and correct the emergency situation or condition;**

*Immediately following the discovery of the spill, both the Environmental and Process departments were notified. Personnel from both departments promptly arrived at the site to assess the situation, and solution flow to the entire phase was shut off. DRMS was notified of the event on March 12, 2025.*

*Following the initial assessment, the survey team measured the extent of the solution that had traveled beyond the liner, while the Environmental department collected an initial soil sample for testing. Process personnel coordinated with an onsite contractor, and equipment was deployed to begin remediation efforts.*

*Upon assessing the area and establishing a safe work plan, the contractor began dismantling the ice accumulation to prevent further melting. The removed ice remained on containment, and a berm was constructed around it for additional control. The contractor and CC&V personnel began excavating the area to evaluate the extent of the contamination. Four additional soil samples were collected from the excavated area and rushed to Silver Valley Laboratories for testing. All contaminated soil that was removed was placed on containment.*

*Further inspection revealed a 20-inch layer of dry soil between the frozen ground and the liner. After completing the inspection, the excavated area was backfilled with clean soil. The remaining ice on the slope was removed and placed back on containment, and a safety ditch was re-established at the toe of the slope.*

**(b) any known or anticipated adverse impacts to human health, property or the environment;**

*The spill was calculated by using the surveyed area and depth of the solution beyond the edge of liner. Approximately 50-gallons of solution traveled beyond the edge of liner.*

**(c) name(s), address(s), telephone numbers and e-mail address of the Operator's contact person for additional information and follow-up by the Office;**

*Please direct all additional information requests and follow-up to:*

*Katie Blake*

*100 N. 3rd Street (PO Box 191), Victor, CO 80860*

*(719) 237-3442*

*Katie.Blake@ccvmining.com*

**(d) monitoring and analyses that are necessary to evaluate the situation and corrective actions, copies of all pertinent data;**

*Please refer to Attachment 1 which includes overview maps of the frozen solution beyond the edge of liner, the excavation area, and the sample locations.*

*Please refer to Attachment 2 which includes soil sample analytical results.*

- *Pre-Excavation Sample*
  - *Sample SS-01 was taken within the affected area prior to excavation for a baseline*
- *Post-Excavation Samples*
  - *Sample SS-1.5 was taken from the bottom of the excavation*
  - *Sample SS-02 was taken from the outer (east) wall of the excavation*
  - *Sample SS-03 was taken from the south wall of the excavation*
  - *Sample SS-04 was taken from the north wall of the excavation*
- *Post-Excavation analytical results show that the area was remediated to below detection (<0.1 mg/kg) WAD CN concentration.*

<b>Sample ID</b>	<b>Date Sampled</b>	<b>WAD CN mg/kg</b>
<i>Pre-Excavation</i>		
SS-01	3/12/2025	1.33
<i>Post-Excavation</i>		
SS-1.5	3/13/2025	<0.100
SS-02	3/13/2025	<0.100
SS-03	3/13/2025	<0.100
SS-04	3/13/2025	<0.100

**(e) results of the Operator's investigation to assess the conditions or circumstances that created the emergency situation, and what corrective or protective measures will be taken to prevent a similar event from occurring in the future.**

*The cold weather caused the drip line to freeze, resulting in solution dispersing and forming a large ice accumulation at the edge of the lift. As the ice melted, the solution traveled down the slope extending beyond the edge of the liner. The ore material had been over dumped, filling in the safety ditch between the toe and the edge of the liner. This resulted in approximately 50-gallons of solution traveling beyond the edge of liner.*

*Protective measures were immediately implemented after assessing the affected area. The ice accumulation was dismantled, the ice on the slope was removed, the affected soil was excavated, and all material was placed within containment. Following the remediation efforts, a safety ditch was re-established between the toe of the slope and the edge of liner.*

*The following actions will be taken to prevent a similar incident in the future:*

- *Inspect and repair any compromised drip lines to prevent ice accumulations.*
- *Conduct visual inspections of leach pad, including side slopes.*
- *Perform ongoing visual inspections of dumping activities, particularly along the toe of the slope.*
- *Maintain a properly lined ditch between the toe of the slope and the edge of liner.*
- *Ensure that edge of liner is clearly marked.*

Should the Division require further information regarding the above responses, please do not hesitate to contact Paulina Barela at 719-851-4098 or [Paulina.Barela@ccvmining.com](mailto:Paulina.Barela@ccvmining.com) or the undersigned at 719-851-4048 or [Katie.Blake@ccvmining.com](mailto:Katie.Blake@ccvmining.com).

p.p. FD42D9E12B1147D...

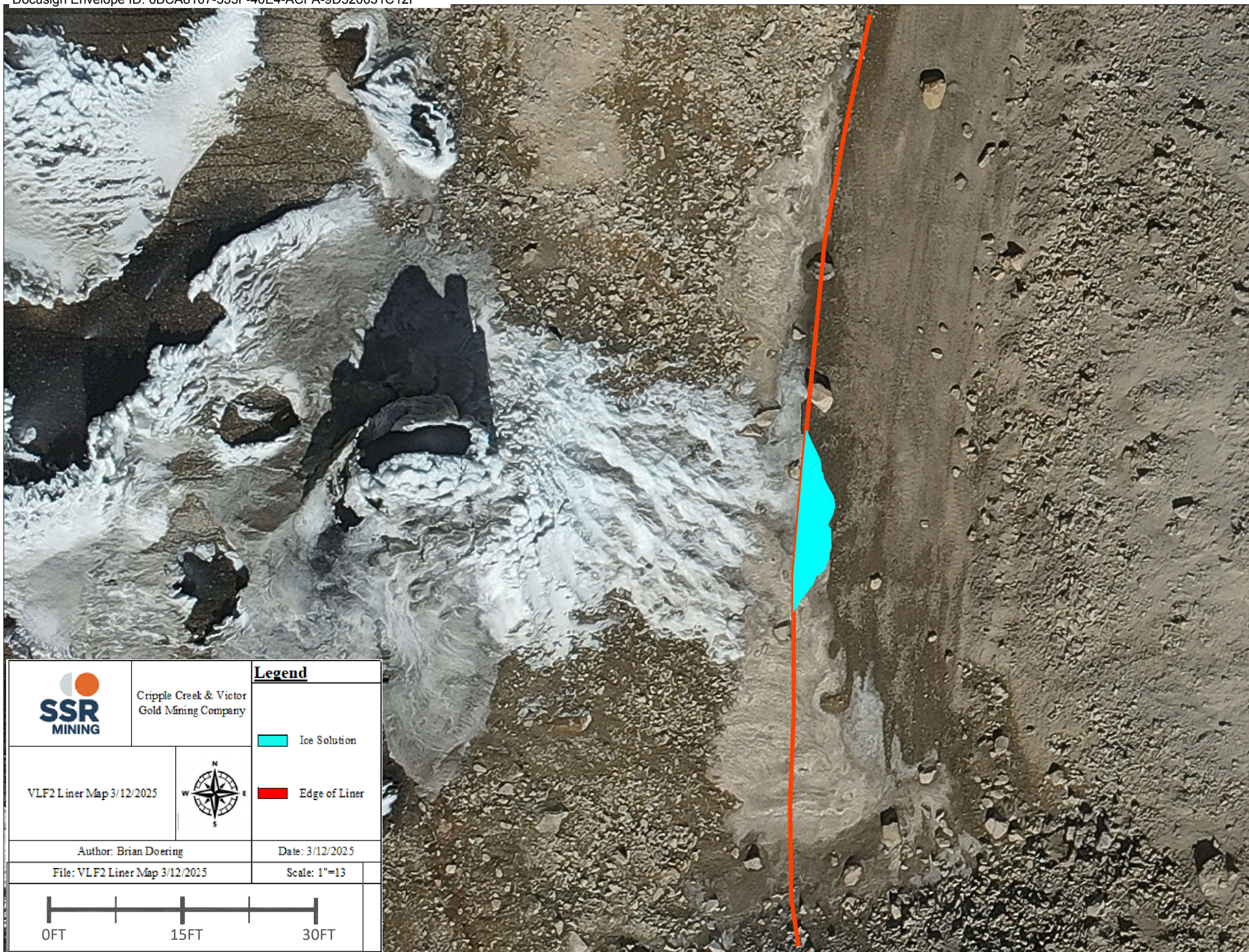
Katie Blake  
Sustainability & External Relations Manager  
Cripple Creek & Victor Mine






EC: M. Cunningham – DRMS  
Z, Trujillo - DRMS  
E. Russell - DRMS  
K. Blake - CC&V  
J. Gonzalez – CC&V  
P. Barela – CC&V  
A. Matarrese – CC&V  
D. Noble – CC&V  
J. McBryde - TC



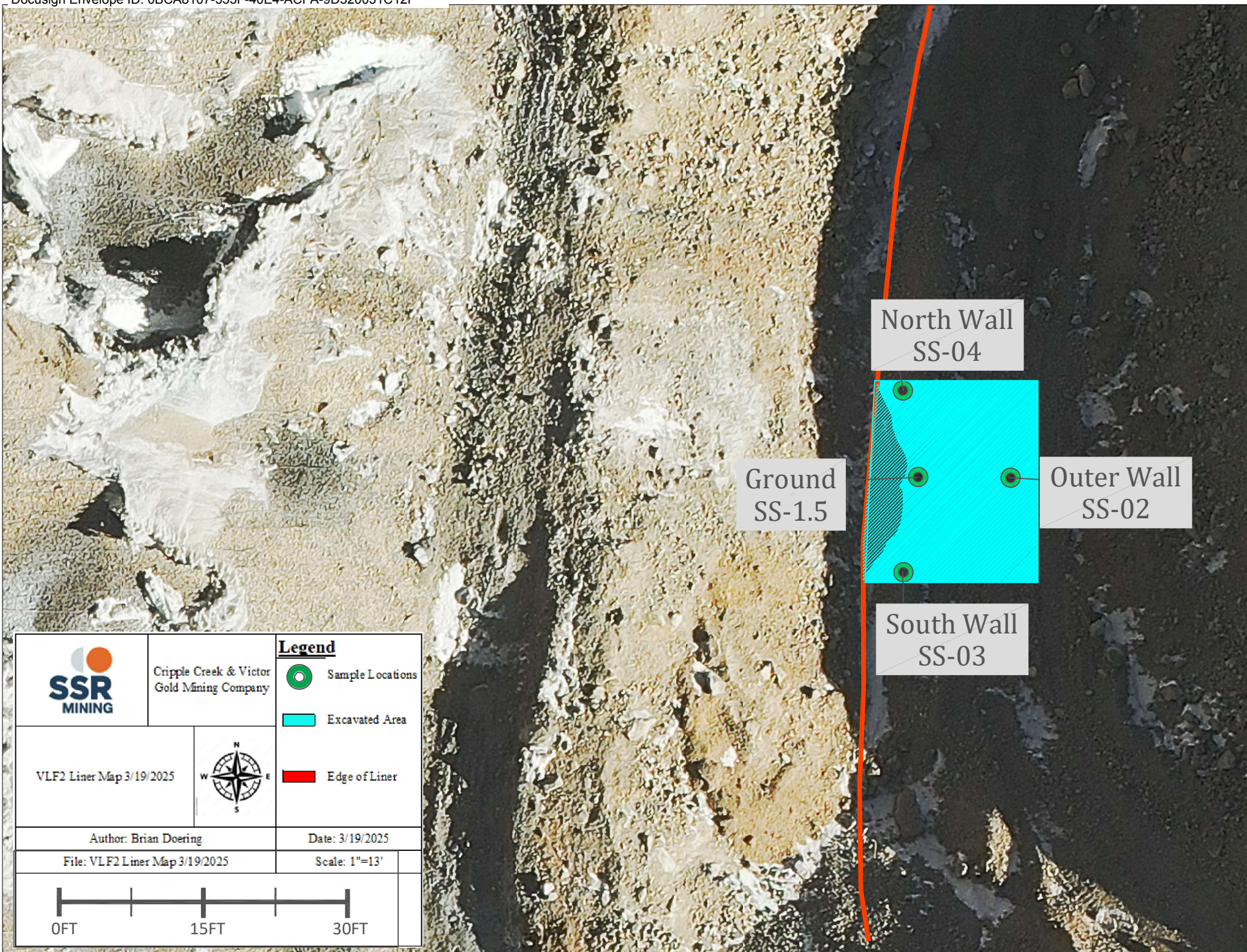
# Attachment 1





	<p>Cripple Creek &amp; Victor Gold Mining Company</p>	<p><b>Legend</b></p>
<p>VLF2 Liner Map 3/12/2025</p>		<p> Ice Solution</p> <p> Edge of Liner</p>
<p>Author: Brian Doering</p>	<p>Date: 3/12/2025</p>	
<p>File: VLF2 Liner Map 3/12/2025</p>	<p>Scale: 1"=13</p>	
		







## Attachment 2



One Government Gulch - PO Box 929

Kellogg, ID 83837-0929

(208) 784-1258

[www.svl.net](http://www.svl.net)**Newmont - Cripple Creek & Victor**

Post Office Box 191

Victor, CO 80860

**Project Name: Cripple Creek/Victor Water and Soil 2024**Work Order: **X5C0183**

Reported: 19-Mar-25 10:38

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received	Notes
SS-01	X5C0183-01	soil	12-Mar-25 11:45	JA	13-Mar-2025	Q6

Solid samples are analyzed on an as-received, wet-weight basis, unless otherwise requested.

Sample preparation is defined by the client as per their Data Quality Objectives.

This report supercedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.

Analyses were performed in accordance with SVL standard operating procedures and calibrations were performed and met SVL internal QC criteria.

The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.

This report shall not be reproduced except in full, without the written approval of SVL Analytical, Inc.

(Q6) SVL received the following containers outside of published EPA guidelines for preservation temperatures (0-6°C).

The guidelines do not pertain to nitric-preserved metals.

**Default Cooler (Received Temperature: 14.2°C)**

Labnumber	Container	Client ID
X5C0183-01 A	Bag, Ziploc	SS-01

**Case Narrative: X5C0183**

The state of origin only accredits for drinking water analyses.

Samples treated with CdCO<sub>3</sub> before CN analysis for sulfide interference at client request.



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(208) 784-1258  
[www.svl.net](http://www.svl.net)

Newmont - Cripple Creek & Victor					Project Name: Cripple Creek/Victor Water and Soil 2024				
Post Office Box 191					Work Order: X5C0183				
Victor, CO 80860					Reported: 19-Mar-25 10:38				

Client Sample ID: **SS-01**  
SVL Sample ID: **X5C0183-01 (soil)**

Sample Report Page 1 of 1

Sampled: 12-Mar-25 11:45  
Received: 13-Mar-25  
Sampled By: JA

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Classical Chemistry Parameters

SM 4500 CN I	Cyanide (WAD)	1.33	mg/kg	0.100	0.082		X511072	DD	03/18/25 12:43	
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This data has been reviewed for accuracy and has been authorized for release.

Kristi A. Groth

Kristi A. Groth  
Project Manager



One Government Gulch - PO Box 929

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Post Office Box 191

Victor, CO 80860

**Project Name: Cripple Creek/Victor Water and Soil 2024**Work Order: **X5C0183**

Reported: 19-Mar-25 10:38

**Quality Control - BLANK Data**

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
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**Classical Chemistry Parameters**

SM 4500 CN I	Cyanide (WAD)	mg/kg	<0.100	0.082	0.100	X511072	18-Mar-25	
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**Quality Control - LABORATORY CONTROL SAMPLE Data**

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
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**Classical Chemistry Parameters**

SM 4500 CN I	Cyanide (WAD)	mg/kg	0.999	1.00	99.9	80 - 120	X511072	18-Mar-25	
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**Quality Control - MATRIX SPIKE Data**

Method	Analyte	Units	Spike Result	Sample Result (R)	Spike Level (S)	% Rec.	Acceptance Limits	Batch and Source ID	Analyzed	Notes
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**Classical Chemistry Parameters**

SM 4500 CN I	Cyanide (WAD)	mg/kg	<5.00	11.3	1.00	0.30R>S	75 - 125	X511072 - X5C0126-04	18-Mar-25	E12,M2
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**Quality Control - MATRIX SPIKE DUPLICATE Data**

Method	Analyte	Units	MSD Result	Spike Result	Spike Level	RPD	RPD Limit	% Recovery	Batch and Source ID	Notes
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**Classical Chemistry Parameters**

SM 4500 CN I	Cyanide (WAD)	mg/kg	<5.00	<5.00	1.00	N/A	20	0.30R>S	X511072 - X5C0126-04	E12,M2
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Victor, CO 80860

**Project Name: Cripple Creek/Victor Water and Soil 2024**Work Order: **X5C0183**

Reported: 19-Mar-25 10:38

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**Notes and Definitions**

E12	The reported value is estimated due to the presence of interferents.
M2	Matrix spike recovery was low, but the LCS recovery was acceptable.
LCS	Laboratory Control Sample (Blank Spike)
RPD	Relative Percent Difference
UDL	A result is less than the detection limit
0.30R>S	% recovery not applicable; spike level is less than 30% of the sample concentration
<RL	A result is less than the reporting limit
MRL	Method Reporting Limit
MDL	Method Detection Limit
N/A	Not Applicable

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Post Office Box 191

Victor, CO 80860

**Project Name: Cripple Creek/Victor Water and Soil 2024**Work Order: **X5C0223**

Reported: 19-Mar-25 14:00

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received	Notes
0. 1.5 Ground / SS-1.5	X5C0223-01	soil	13-Mar-25 10:16	PB/TR	14-Mar-2025	Q6
0 .02 Outer Wall / SS-02	X5C0223-02	soil	13-Mar-25 10:18	PB/TR	14-Mar-2025	Q6
0 .03 South Wall / SS-03	X5C0223-03	soil	13-Mar-25 10:19	PB/TR	14-Mar-2025	Q6
0 .04 North Wall / SS-04	X5C0223-04	soil	13-Mar-25 10:20	PB/TR	14-Mar-2025	Q6

Solid samples are analyzed on an as-received, wet-weight basis, unless otherwise requested.

Sample preparation is defined by the client as per their Data Quality Objectives.

This report supercedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.

Analyses were performed in accordance with SVL standard operating procedures and calibrations were performed and met SVL internal QC criteria.

The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.

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(Q6) SVL received the following containers outside of published EPA guidelines for preservation temperatures (0-6°C).

The guidelines do not pertain to nitric-preserved metals.

**Default Cooler (Received Temperature: 15.2°C)**

<u>Labnumber</u>	<u>Container</u>	<u>Client ID</u>	<u>Labnumber</u>	<u>Container</u>	<u>Client ID</u>
X5C0223-01 A	Bag, Ziploc	0. 1.5 Ground	X5C0223-02 A	Bag, Ziploc	0 .02 Outer Wall
X5C0223-03 A	Bag, Ziploc	0 .03 South Wall	X5C0223-04 A	Bag, Ziploc	0 .04 North Wall

**Case Narrative: X5C0223**

The state of origin only accredits for drinking water analyses.

Samples treated with CdCO<sub>3</sub> before CN analysis for sulfide interference at client request.



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Newmont - Cripple Creek & Victor					Project Name: Cripple Creek/Victor Water and Soil 2024				
Post Office Box 191					Work Order: X5C0223				
Victor, CO 80860					Reported: 19-Mar-25 14:00				

Client Sample ID: 0. 1.5 Ground : SS-1.5  
SVL Sample ID: X5C0223-01 (soil)

Sampled: 13-Mar-25 10:16  
Received: 14-Mar-25  
Sampled By: PB/TR

Sample Report Page 1 of 1

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Classical Chemistry Parameters

SM 4500 CN I	Cyanide (WAD)	< 0.100	mg/kg	0.100	0.082		X511072	DD	03/18/25 12:45	
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This data has been reviewed for accuracy and has been authorized for release.

Kristi A. Groth

Kristi A. Groth  
Project Manager



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<b>Newmont - Cripple Creek &amp; Victor</b>					<b>Project Name: Cripple Creek/Victor Water and Soil 2024</b>				
Post Office Box 191					Work Order: <b>X5C0223</b>				
Victor, CO 80860					Reported: 19-Mar-25 14:00				

Client Sample ID: **0 .02 Outer Wall : SS-02**  
SVL Sample ID: **X5C0223-02 (soil)**

Sampled: 13-Mar-25 10:18  
Received: 14-Mar-25  
Sampled By: PB/TR

Sample Report Page 1 of 1

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Classical Chemistry Parameters

SM 4500 CN I	Cyanide (WAD)	< 0.100	mg/kg	0.100	0.082		X511072	DD	03/18/25 12:47	
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*Kristi A. Groth*

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<b>Newmont - Cripple Creek &amp; Victor</b>					<b>Project Name: Cripple Creek/Victor Water and Soil 2024</b>				
Post Office Box 191					Work Order: <b>X5C0223</b>				
Victor, CO 80860					Reported: 19-Mar-25 14:00				

Client Sample ID: **0 .03 South Wall : SS-03**

SVL Sample ID: **X5C0223-03 (soil)**

Sample Report Page 1 of 1

Sampled: 13-Mar-25 10:19  
Received: 14-Mar-25  
Sampled By: PB/TR

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Classical Chemistry Parameters

SM 4500 CN I	Cyanide (WAD)	< 0.100	mg/kg	0.100	0.082		X511072	DD	03/18/25 13:00	
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This data has been reviewed for accuracy and has been authorized for release.

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Newmont - Cripple Creek & Victor					Project Name: Cripple Creek/Victor Water and Soil 2024				
Post Office Box 191					Work Order: X5C0223				
Victor, CO 80860					Reported: 19-Mar-25 14:00				

Client Sample ID: 0.04 North Wall : SS-04

SVL Sample ID: X5C0223-04 (soil)

Sample Report Page 1 of 1

Sampled: 13-Mar-25 10:20  
Received: 14-Mar-25  
Sampled By: PB/TR

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Classical Chemistry Parameters										
SM 4500 CN I	Cyanide (WAD)	< 0.100	mg/kg	0.100	0.082		X511072	DD	03/18/25 13:01	

This data has been reviewed for accuracy and has been authorized for release.

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Post Office Box 191

Victor, CO 80860

**Project Name: Cripple Creek/Victor Water and Soil 2024**Work Order: **X5C0223**

Reported: 19-Mar-25 14:00

**Quality Control - BLANK Data**

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
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**Classical Chemistry Parameters**

SM 4500 CN I	Cyanide (WAD)	mg/kg	<0.100	0.082	0.100	X511072	18-Mar-25	
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**Quality Control - LABORATORY CONTROL SAMPLE Data**

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
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**Classical Chemistry Parameters**

SM 4500 CN I	Cyanide (WAD)	mg/kg	0.999	1.00	99.9	80 - 120	X511072	18-Mar-25	
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**Quality Control - MATRIX SPIKE Data**

Method	Analyte	Units	Spike Result	Sample Result (R)	Spike Level (S)	% Rec.	Acceptance Limits	Batch and Source ID	Analyzed	Notes
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**Classical Chemistry Parameters**

SM 4500 CN I	Cyanide (WAD)	mg/kg	<5.00	11.3	1.00	0.30R>S	75 - 125	X511072 - X5C0126-04	18-Mar-25	E12,M2
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**Quality Control - MATRIX SPIKE DUPLICATE Data**

Method	Analyte	Units	MSD Result	Spike Result	Spike Level	RPD	RPD Limit	% Recovery	Batch and Source ID	Notes
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**Classical Chemistry Parameters**

SM 4500 CN I	Cyanide (WAD)	mg/kg	<5.00	<5.00	1.00	N/A	20	0.30R>S	X511072 - X5C0126-04	E12,M2
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**Project Name: Cripple Creek/Victor Water and Soil 2024**Work Order: **X5C0223**

Reported: 19-Mar-25 14:00

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**Notes and Definitions**

E12	The reported value is estimated due to the presence of interferents.
M2	Matrix spike recovery was low, but the LCS recovery was acceptable.
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N/A	Not Applicable

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