



Newmont Mining Corporation
Cripple Creek & Victor Gold Mining Company
100 North 3rd St
P.O. Box 191
Victor, CO 80860
www.newmont.com

SENT VIA ELECTRONIC MAIL

November 3, 2021

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

**Re: Permit No. M-1980-244; Cripple Creek & Victor Gold Mining Company ("CC&V"); Cresson Project–
Significant Stormwater Event – August 3, 2021**

Dear Mr. Russell:

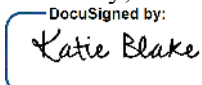
In accordance with Rule 8, Section 8.2.3 of the Mineral Rules And Regulations of the Colorado Mined Land Reclamation Board For Hard Rock, Metal, And Designated Mining Operations (Rules), the Cripple Creek and Victor Gold Mining Company (CC&V) hereby provides the Division of Reclamation, Mining and Safety (Division) analytical results regarding the release of crushed leach material from the Arequa Gulch Valley Leach Facility (AGVLF or VLF1), which occurred on the evening of August 3, 2021.

Soil samples collected during the event show that Cyanide (WAD) levels are below the reportable limit (0.01 mg/L) in the impacted area. Please see the attached third party analytical report of the sampling event.

As noted in Division inspections following the event, all material released off liner was excavated and placed on lined areas. Please see Photographs 1-4 below documenting this cleanup work.

Should you require further information please do not hesitate to contact Branden Rising at 719.689.4083 or Branden.Rising@newmont.com or myself at 719.689.4048 or Katie.Blake@Newmont.com.

Sincerely,

DocuSigned by:

5A3D013B829844B...

Katie Blake
External Relations and Environmental Specialist
Cripple Creek and Victor Gold Mine

KB/br

cc: Michael Cunningham – DRMS
Norma Townley – CC&V
Jeana Ratcliff – CC&V

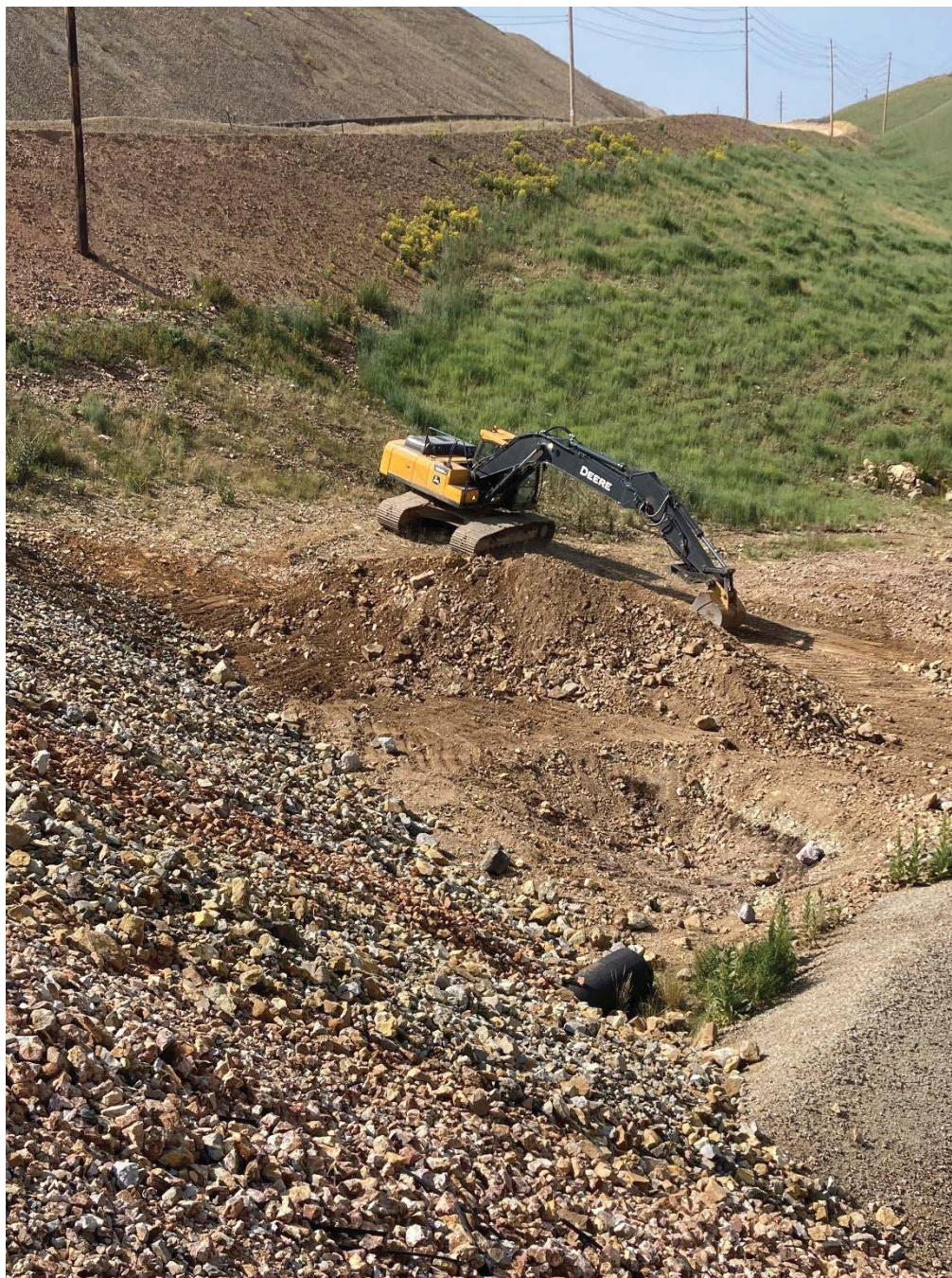
Enc (1)

Attachment 1: Analytical Laboratory Results

FIGURES AND PHOTOGRAPHS



Figure 1 : Map showing locations where soil samples were taken.



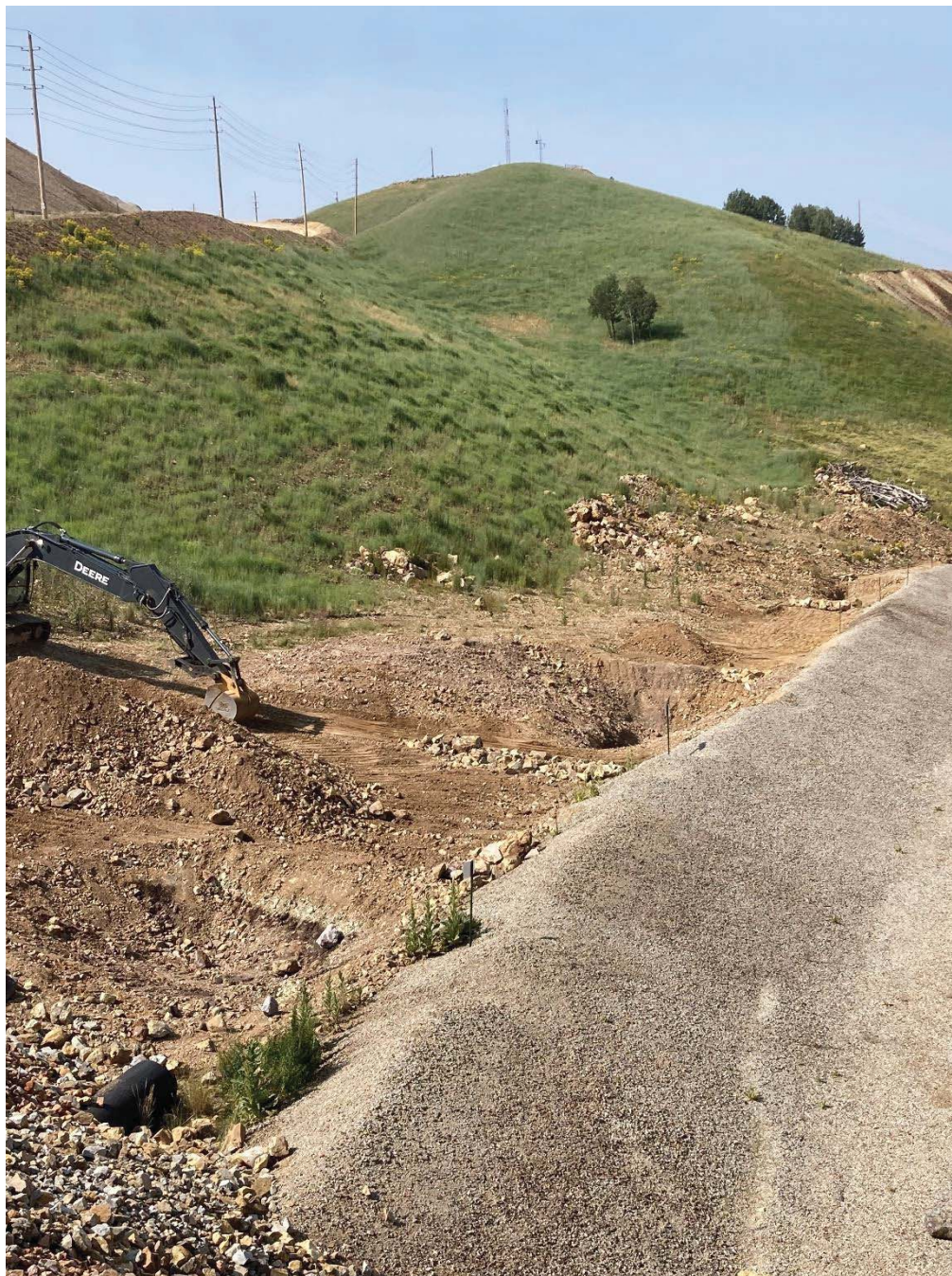
Photograph 1



Photograph 2



Photograph 3



Photograph 4



Newmont - Cripple Creek & Victor
Post Office Box 191
Victor, CO 80860

Project Name: Cripple Creek/Victor Water and Soil 2021

Work Order: **X1H0133**

Reported: 25-Aug-21 16:16

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received	Notes
Soil #1	X1H0133-01	Soil	03-Aug-21 20:30	TH	09-Aug-2021	
Soil #2	X1H0133-02	Soil	03-Aug-21 20:30	TH	09-Aug-2021	
Soil #3	X1H0133-03	Soil	03-Aug-21 20:30	TH	09-Aug-2021	

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.

Case Narrative: X1H0133

The state of origin only accredits for drinking water analyses.

Samples treated with CdCO₃ before CN analysis for sulfide interference at client request.



Newmont - Cripple Creek & Victor
Post Office Box 191
Victor, CO 80860

Project Name: Cripple Creek/Victor Water and Soil 2021

Work Order: **X1H0133**

Reported: 25-Aug-21 16:16

Client Sample ID: **Soil #1**

Sampled: 03-Aug-21 20:30

SVL Sample ID: **X1H0133-01 (Soil)**

Received: 09-Aug-21

Sample Report Page 1 of 1

Sampled By: TH

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Meteoric Water Mobility Extraction Parameters										
ASTM E2242-13	Extraction Type	Column					X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Dry Feed Moist. Weight	539.4	g				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Wet Feed Moist. Weight	592.8	g				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Feed Moist. Dry Temp.	102	°C				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Feed Moist. Dry Time	19.0	Hrs				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Feed Moisture	9.01	%				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	5cm Retained Weight	0.00	g				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	5cm Passing Weight	25600	g				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	5cm Retained Percent	0.00	%				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Sample Weight	5495	g				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Dry Sample Weight	5000	g				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Water Volume Used	5400	mL				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Water Addition Rate	3.50	mL/min				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Extraction Fluid pH	5.67	pH Units				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Extraction Temp.	23.7	°C				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Extraction Time	24.5	Hrs				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Effluent pH	6.04	pH Units				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Final Effluent Weight	5126	g				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Filter Type	Nitrocellulose					X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Filter Pore Size	0.45	µm				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Extract pH	6.17	pH Units				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Extract Weight	1036	g				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Dry Res. Moist. Weight	615.0	g				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Wet Res. Moist. Weight	670.1	g				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Res. Moist. Dry Temp.	102	°C				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Res. Moist. Dry Time	20.0	Hrs				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Retained Moisture	8.22	%				X133125	ESB	08/12/21 13:50	

Meteoric Water Mobility Leachates (Classical) Extracted: 08/12/21 13:50

OIA 1677	Cyanide (WAD)	< 0.0100	mg/L Extract	0.0100	0.0044		X134079	HJL	08/25/21 09:11	
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This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Herman J. Haring
Project Manager



Newmont - Cripple Creek & Victor
Post Office Box 191
Victor, CO 80860

Project Name: Cripple Creek/Victor Water and Soil 2021Work Order: **X1H0133**

Reported: 25-Aug-21 16:16

Client Sample ID: **Soil #2**

Sampled: 03-Aug-21 20:30

SVL Sample ID: **X1H0133-02 (Soil)**

Received: 09-Aug-21

Sample Report Page 1 of 1

Sampled By: TH

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Meteoric Water Mobility Extraction Parameters										
ASTM E2242-13	Extraction Type	Column					X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Dry Feed Moist. Weight	491.3	g				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Wet Feed Moist. Weight	526.1	g				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Feed Moist. Dry Temp.	102	°C				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Feed Moist. Dry Time	19.0	Hrs				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Feed Moisture	6.61	%				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	5cm Retained Weight	6990	g				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	5cm Passing Weight	10500	g				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	5cm Retained Percent	40.0	%				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Sample Weight	5354	g				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Dry Sample Weight	5000	g				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Water Volume Used	5200	mL				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Water Addition Rate	3.50	mL/min				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Extraction Fluid pH	5.67	pH Units				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Extraction Temp.	23.7	°C				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Extraction Time	24.5	Hrs				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Effluent pH	5.80	pH Units				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Final Effluent Weight	5051	g				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Filter Type	Nitrocellulose					X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Filter Pore Size	0.45	µm				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Extract pH	5.78	pH Units				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Extract Weight	1069	g				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Dry Res. Moist. Weight	614.6	g				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Wet Res. Moist. Weight	660.2	g				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Res. Moist. Dry Temp.	102	°C				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Res. Moist. Dry Time	20.0	Hrs				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Retained Moisture	6.91	%				X133125	ESB	08/12/21 13:50	

Meteoric Water Mobility Leachates (Classical) Extracted: 08/12/21 13:50

OIA 1677	Cyanide (WAD)	< 0.0100	mg/L Extract	0.0100	0.0044		X134079	HJL	08/25/21 09:17	
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This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

 **Herman J. Haring**
Project Manager



Newmont - Cripple Creek & Victor
Post Office Box 191
Victor, CO 80860

Project Name: Cripple Creek/Victor Water and Soil 2021Work Order: **X1H0133**

Reported: 25-Aug-21 16:16

Client Sample ID: **Soil #3**

Sampled: 03-Aug-21 20:30

SVL Sample ID: **X1H0133-03 (Soil)**

Received: 09-Aug-21

Sample Report Page 1 of 1

Sampled By: TH

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Meteoric Water Mobility Extraction Parameters										
ASTM E2242-13	Extraction Type	Column					X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Dry Feed Moist. Weight	492.1	g				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Wet Feed Moist. Weight	540.4	g				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Feed Moist. Dry Temp.	102	°C				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Feed Moist. Dry Time	19.0	Hrs				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Feed Moisture	8.94	%				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	5cm Retained Weight	0.00	g				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	5cm Passing Weight	25300	g				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	5cm Retained Percent	0.00	%				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Sample Weight	5491	g				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Dry Sample Weight	5000	g				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Water Volume Used	5400	mL				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Water Addition Rate	3.50	mL/min				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Extraction Fluid pH	5.67	pH Units				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Extraction Temp.	23.7	°C				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Extraction Time	25.0	Hrs				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Effluent pH	6.79	pH Units				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Final Effluent Weight	5202	g				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Filter Type	Nitrocellulose					X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Filter Pore Size	0.45	µm				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Extract pH	6.89	pH Units				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Extract Weight	1063	g				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Dry Res. Moist. Weight	552.1	g				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Wet Res. Moist. Weight	602.2	g				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Res. Moist. Dry Temp.	102	°C				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Res. Moist. Dry Time	20.0	Hrs				X133125	ESB	08/12/21 13:50	
ASTM E2242-13	Retained Moisture	8.32	%				X133125	ESB	08/12/21 13:50	

Meteoric Water Mobility Leachates (Classical) Extracted: 08/12/21 13:50

OIA 1677	Cyanide (WAD)	< 0.0100	mg/L Extract	0.0100	0.0044		X134079	HJL	08/25/21 09:19	
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This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

 **Herman J. Haring**
Project Manager



Newmont - Cripple Creek & Victor
Post Office Box 191
Victor, CO 80860

Project Name: Cripple Creek/Victor Water and Soil 2021Work Order: **X1H0133**

Reported: 25-Aug-21 16:16

Quality Control - EXTRACTION BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
Meteoric Water Mobility Leachates (Classical) Extracted: 08/12/21 13:50 Batch: X133125								
OIA 1677	Cyanide (WAD)	mg/L Extract	<0.0100	0.0044	0.0100	X134079	25-Aug-21	

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Meteoric Water Mobility Leachates (Classical)									
OIA 1677	Cyanide (WAD)	mg/L Extract	0.0970	0.100	97.0	82 - 118	X134079	25-Aug-21	

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
Meteoric Water Mobility Leachates (Classical)										
OIA 1677	Cyanide (WAD)	mg/L Extract	0.104	<0.0100	0.100	104	82 - 118	X134079 - X1H0133-02	25-Aug-21	

Quality Control - MATRIX SPIKE DUPLICATE Data

Method	Analyte	Units	MSD Result	Spike Result	Spike Level	RPD	RPD Limit	% Recovery	Batch and Source ID	Notes
Meteoric Water Mobility Leachates (Classical)										
OIA 1677	Cyanide (WAD)	mg/L Extract	0.105	0.104	0.100	1.0	20	105	X134079 - X1H0133-02	



One Government Gulch - PO Box 929

Kellogg, ID 83837-0929

(208) 784-1258

www.svl.net

Newmont - Cripple Creek & Victor
Post Office Box 191
Victor, CO 80860

Project Name: Cripple Creek/Victor Water and Soil 2021

Work Order: **X1H0133**

Reported: 25-Aug-21 16:16

Notes and Definitions

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



SVL Analytical, Inc. •

Work Order: **X1H0133**
Newmont - Cripple Creek & VictorPage 1 of 1

(208) 783-1258 • FAX: (208) 783-0891

FOR SVL USE ONLY
SVL Work Order #

Temperature on Receipt:

Report to Company: **Newmont - CC&V**Contact: **Ronald Parratt**Address: **P.O. Box 191****100 North 3rd street, Victor, CO 80863**

Phone Number:

FAX Number:

E-mail: **ronald.parratt@newmont.com**

Invoice Sent To:

Contact:

Address:

Phone Number:

FAX Number:

PO#:

Table 1. -- Matrix Type

1 = Surface Water, 2 = Ground Water

3 = Soil, 4 = Sediment, 5 = Rock, 6 = Rinsate, 7 = Oil

8 = Waste, 9 = Other:

Project Name: **CC&V**

Sampler's Signature:

Indicate State of sample origination: **CO**

Sample ID	Collection		Misc.	Preservative(s)								Analyses Required	Comments				
	Date	Time		Collected by: (Init.)	Matrix Type (From Table 1)	No. of Containers	Unpreserved	HNO ₃ Filtered	HNO ₃ Unfiltered	(NH ₄) ₂ SO ₄	H ₂ SO ₄			NaOH	NaOH+Zn		
1	Soil #1	8/3/21	8:30pm	TH	3	1											
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Relinquished by: **Brian Doering** Date: **8/5/21** Time: **4:00pm** Received by:

Relinquished by: Date: Time: Received by: Date: **08/09/21** Time: **0910**

* Sample Reject:

☐ Return☐ Dispose☐ Store (30 Days)

White: LAB COPY

Yellow: CUSTOMER COPY

SVL-COC 07/17



Work Order: **X1H0133**
Newmont - Cripple Creek & Victor



Page 1 of 1

SVL Analytical,

• Kellogg, ID 83837 • (208) 784-1258 • FAX: (208) 783-0891

FOR SVL USE ONLY
SVL Work Order #

Temperature on Receipt:

Table 1. -- Matrix Type

1 = Surface Water, 2 = Ground Water

3 = Soil, 4 = Sediment, 5 = Rock, 6 = Rinsate, 7 = Oil

8 = Waste, 9 = Other: _____

Report to Company: Newmont - CC&V

Contact: **Ronald Parratt**

Address: **P.O. Box 191**

100 North 3rd street, Victor, CO 80863

Phone Number: _____

FAX Number: _____

E-mail: **ronald.parratt@newmont.com**

Invoice Sent To:

Contact: _____

Address: _____

Phone Number: _____

FAX Number: _____

PO#: _____

Project Name: **CC&V**

Sampler's Signature: _____

Indicate State of sample origination: **CO**

Sample ID	Collection		Misc.	Preservative(s)								Analyses Required	Comments						
	Date	Time		Collected by: (Init.)	Matrix Type (From Table 1)	No. of Containers	Unpreserved	HNO ₃ Filtered	HNO ₃ Unfiltered	(NH ₄) ₂ SO ₄	H ₂ SO ₄			NaOH	NaOH+Zn	Meteoritic WAD CN			
1	Soil #2	8/3/21	8:30pm	TH	3	1													
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

Please take care to distinguish between:
1 and I
2 and Z
5 and S
0 and O

Thanks!

Relinquished by: **Brian Doering** Date: **8/5/21** Time: **4:00pm** Received by: *[Signature]* Date: **08/09/21** Time: **0910**

* Sample Reject: ☐ Return ☐ Dispose ☐ Store (30 Days)

White: LAB COPY

Yellow: CUSTOMER COPY

SVL-COC 07/17

SVL-COC 07/17

SAMPLE RECEIPT/CHAIN-OF-CUSTODY CHECKLIST

The following items were checked for completeness, correctness, and compliance to project specifications using the Chain-of-Custody (COC) and other supporting information.

Date of acceptance: 08/09/21 By: NB

SVL Work No: X140133

Item	Description	V	NA	Comments
1	Client or project name	✓		Newmont - COV
2	Date and time of receipt at lab	✓		08/09/21 0910
3	Received by	✓		NB
4	Temperature blank or cooler temperature		✓	Temp. — °C Rock 08/09/21 SoM
5	Were the sample(s) received on ice		✓	
6	Custody tape/bottle seals		✓	
7	Shipper's air bill	✓		UPS 129X89899044325864
8	Condition of samples upon receipt (leaking; bubbles in VOA vials)	✓		good
9	Analysis requested for each sample	✓		
10	Sample matrix description	✓		
11	The correct preservative for the analysis requested	✓		
12	Did an SVL employee preserve sample(s) upon receipt		✓	
13	Additional Information		✓	

V- Verified NA- Not Applicable

Comments: 129889899044970274
129889899043863285

