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

April 28, 2025

RE: Cresson Project Permit M-1980-244:
Groundwater Monitoring Data: 1st Quarter 2025
Surface Water Monitoring Data: 1st Quarter 2025

Dear Elliott,

Cripple Creek & Victor Gold Mining Company ("CC&V") hereby provides the ground water & surface water monitoring report for the Cresson Project sampling locations for the 1st quarter (January through March) 2025.

METHODOLOGY

In the 1st quarter (Q1), CC&V monitored all accessible and applicable groundwater locations and collected all possible samples as outlined in Permit No. M-1980-244. Table 1 provides a summary of the status of each monitoring location (groundwater and surface water). Monitoring locations are displayed on Location Maps (Figures).

During the current monitoring period, CC&V was unable to collect water samples from the following monitoring locations:

- Poverty Gulch monitoring wells PGMW-2 and PGMW-4 were dry;
- Maize Gulch monitoring wells SGMW-5, SGMW-6A, SGMW-7A, SGMW-7B were dry and SGMW-8 had insufficient water to collect a sample;
- Arequa Gulch monitoring well CRMW-3A, CRMW-3B, and ESPMW-1 had insufficient water to sample and CRMW-5A, CRMW-5B, CRMW-5C, CRMW-5D, and AG 2.0 were inaccessible throughout the quarter due to snow/weather;
- Wilson Creek monitoring well WCMW-6 and surface water location WCSW-01 were inaccessible throughout the quarter due to snow/weather
- Vindicator Valley surface water monitoring location T-2 had no observed flowing water during the quarter; and,
- Grassy Valley surface water monitoring locations GV-03 and GV-02 had no flowing water observed throughout the quarter.

Groundwater Level Measurements

Prior to the collection of groundwater samples, depth to groundwater was measured using a Geotech™ water level indicator. The water level indicator was decontaminated with Alconox™ soap and rinsed with deionized water prior to each measurement to prevent cross contamination.

Groundwater Sampling

CC&V utilized both dedicated pumps, deployable pumps, and disposable bailers to purge water and collect groundwater samples depending on the depth of the wells and/or locations. Samples were collected using

either the low-flow, volumetric, or purge and return (low-yield) sampling methods described in the Quality Assurance Project Plan (QAPP) dated January 16, 2024.

Groundwater samples were collected by filling both preserved and unpreserved laboratory-supplied sample containers with the appropriate amount of water and were capped to prevent sample degradation. Samples were labeled with date and time of sample collection, sample location, sample identification (ID#), initials of sample collector, whether the sample was filtered, and type of preservative used. The labels were attached to the appropriate sample bottle. Samples were sealed, packed on ice, and submitted to SVL Analytical Inc. in Kellogg, Idaho for analysis of parameters listed in Table 3.1 – Groundwater Monitoring Parameters of the QAPP. Proper chain-of custody (COC) was followed as described in Section 9.5 of the QAPP.

Surface Water Sampling

CC&V collected grab samples from the mid-depth from the middle of the stream, as applicable, from the surface water monitoring locations in accordance with the QAPP. An estimate of the flow rate of water at each stream sampling location was recorded, along with the general appearance of the water (turbidity, color, etc.). If a stream had no visible flow, it was recorded as dry or frozen and not sampled.

QA/QC Samples

CC&V collected eight quality assurance/quality control (QA/QC) samples in Q1 2025. Of the QA/QC samples, 4 duplicate samples were collected from monitoring well GVMW-8A, GVMW-7B, CRMW-3C, and GVMW-26B. Three rinse blanks were collected this quarter and were sent with the samples to the analytical laboratory. One trip blank sample was also collected. QA/QC samples were collected in accordance with the QAPP.

RESULTS

Groundwater and Surface Water Analytical Results

Groundwater analytical results are compared to applicable standards in Table 2. Complete laboratory analytical reports from the Q1 sampling event are included in Attachment 1 and field collected data is presented in the sampling logs as Attachment 2.

Surface water analytical results are compared to applicable standards in Attachment 3. Complete laboratory analytical reports from Q1 surface water samples are included in Attachment 1 and field collected data is presented in the sampling logs in Attachment 2.

QA/QC Sample Results

Results for the Quality Assurance/Quality Control (QA/QC) samples are included in Attachment 1. Relative percent difference (RPD) calculations completed for the duplicate monitoring well samples are included in Attachment 4. Most RPD calculations were less than 15% except for 5 constituents in various samples with the maximum at 28.4%. These results likely represents normal sample variability.

DISCUSSION

Graphical representation of the trends in various analytes at the sampling locations are presented in Attachment 5.

Poverty Gulch

Data from both PGMW-3 show various elevated constituents as compared to the Table Value Standards (TVS) and/or the Site-Specific Numeric Protection Limits (NPL's). It should be noted that historic mining activities and the geochemical properties of the aquifer system have produced background and residual concentrations of metals and other constituents of concern within Poverty Gulch. These factors influence the water quality at the PGMW-3 location.

Maize Gulch

Water quality data from SGMW-6B show various elevated constituents as compared to the TVSs and/or the NPL's. This data is consistent with previously recorded results. Similar to Poverty Gulch and much of

the surrounding area, historic mining activities and the geochemical makeup the aquifer system within Maize Gulch influence water quality.

Arequa Gulch
Water quality observed within Arequa Gulch exhibits a regionally elevated fluoride signature and elevated sulfate and manganese concentrations at the CRMW-3 series monitoring locations. These results are consistent with previously recorded data.

Surface water monitoring location AG-2.0 was frozen/inaccessible throughout the quarter and no samples were collected.

Wilson Creek
The water quality analytical data recorded for Q1 in the Wilson Creek drainage was compliant with applicable standards and consistent with previously reported results.

Vindicator Valley
The Q1 Vindicator Valley water quality is consistent with previously reported concentrations. Analytical results from samples collected from VIN-2A are greater than the TVS for sulfate but is below all other applicable TVSs and NPL's. Sulfate concentrations for VIN-2A are also below the established NPL value of 800 for VIN-2B. All results from VIN-2B are compliant with applicable standards. Extensive historic mining took place within Vindicator Valley and the aquifer occurs in a similar setting as previously described hydrologic basins. Both factors contribute to the water quality within Vindicator Valley.

Grassy Valley
Groundwater and surface water data collected in Grassy Valley during Q1 is presented and discussed extensively within the Monthly Grassy Valley Report submissions to DRMS. The January, February, and March reports were submitted to DRMS on 2/27/2025, 3/27/2025, and 4/28/2025, respectively,

Reported Analytical Results
Notification of Water Quality Analysis as per Rule 3, Section 3.1.7 (9) of the Mineral Rules and Regulations of the Colorado Mined Land Reclamation Board for Hard Rock, Metal, and Designated Mining Operations was distributed to DRMS for the following dates/locations:

- February 13, 2025 for GVMW-26A
- February 27, 2025, for GVMW-26A;
- April 3, 2025 for CRMW-3C and PGMW-3;
- April 14, 2025 for SGMW-6B; and;
- April 17, 2025 for Vin-2A.

If you have questions, please contact Josh Adams at (719) 323-0438 or Joshua.Adams@ccvmining.com, or myself at (719) 851-4048 or Katie.Blake@ccvmining.com

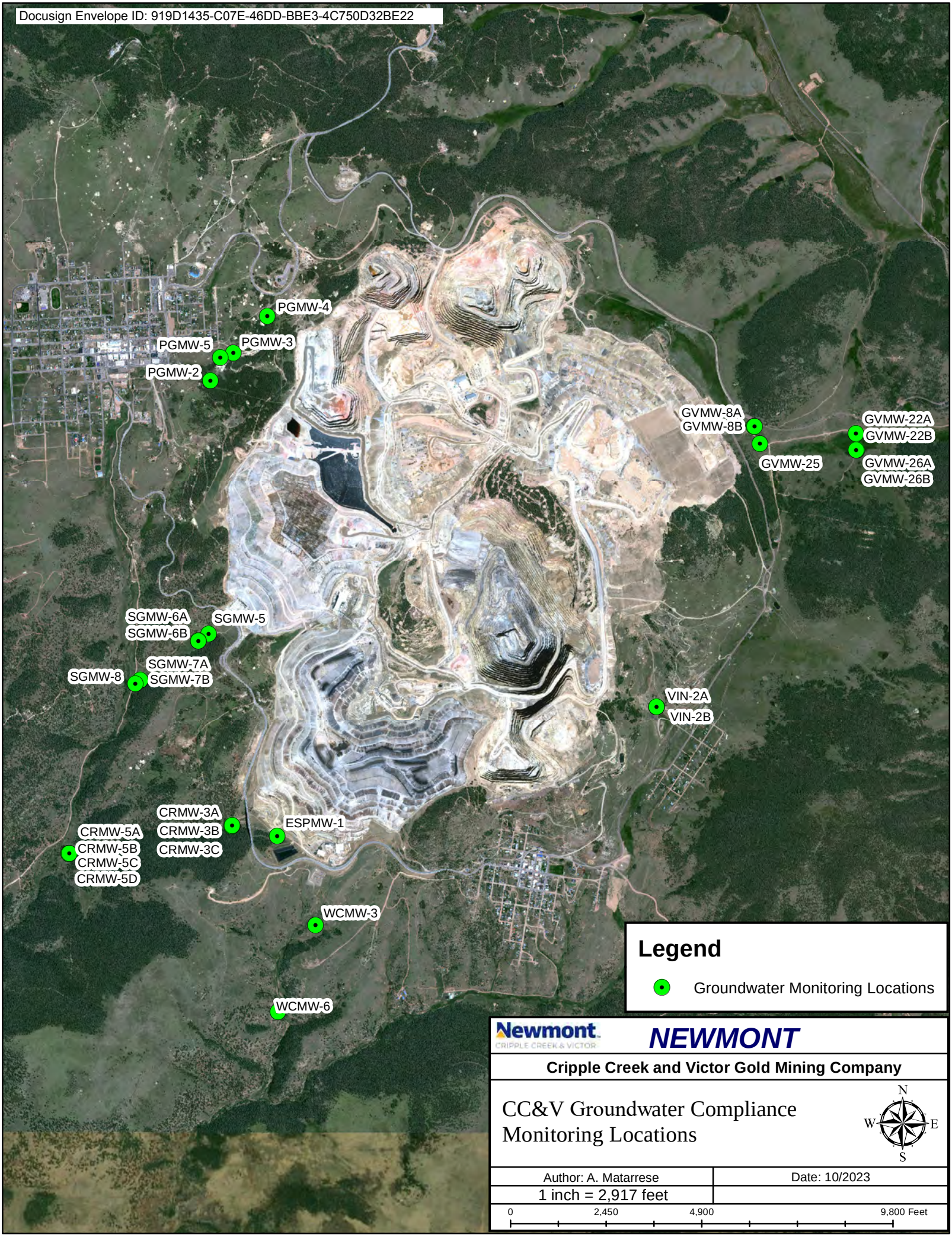
Sincerely,

pp

DocuSigned by:
Joshua Adams
993A53E1E4FF4EC...

Katie Blake
Sustainability & External Relations Manager
Cripple Creek & Victor Gold Mining Co

Figures



Newmont CRIPPLE CREEK & VICTOR

NEWMONT

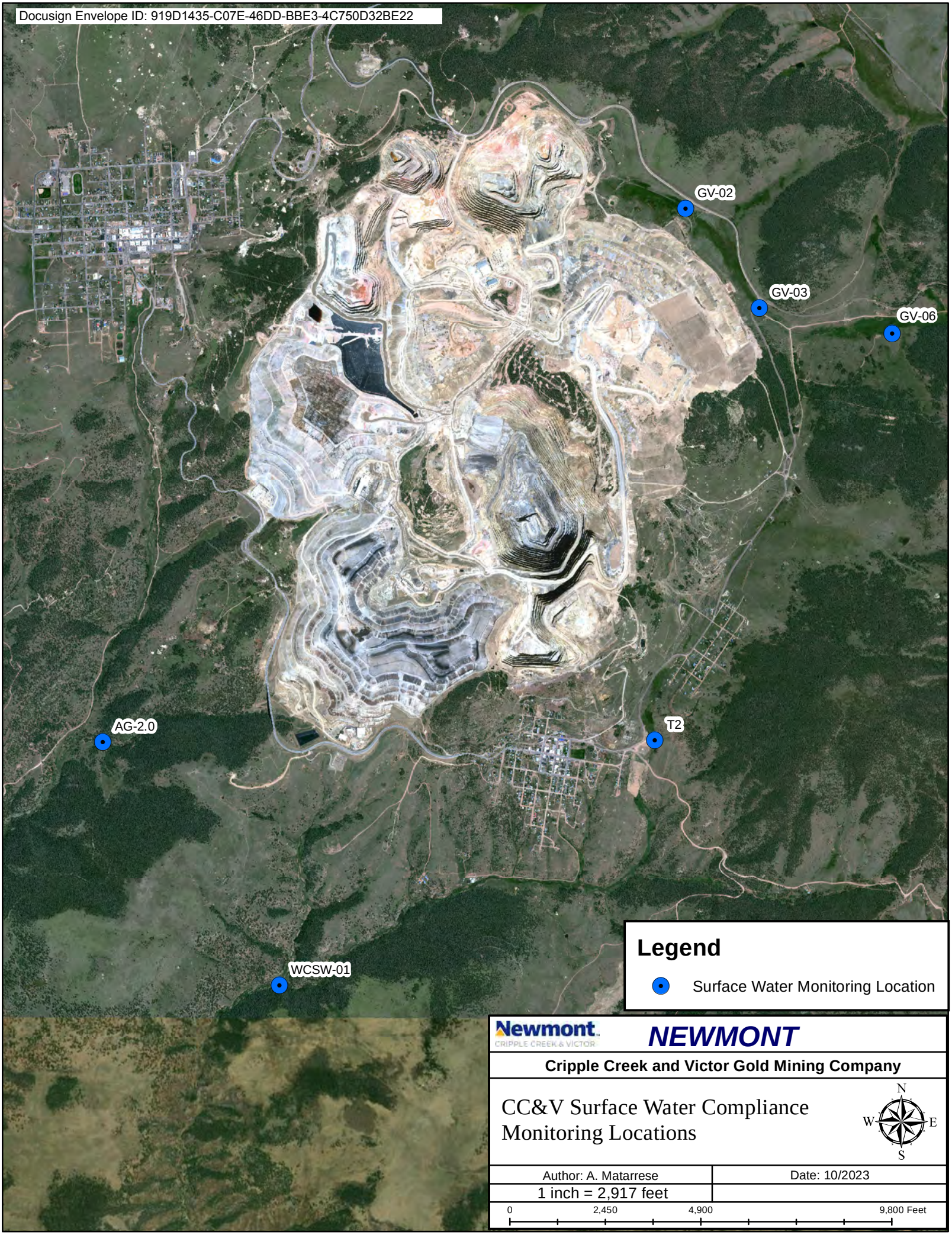
Cripple Creek and Victor Gold Mining Company

CC&V Groundwater Compliance Monitoring Locations

N W E S

Author: A. Matarrese	Date: 10/2023
1 inch = 2,917 feet	

0 2,450 4,900 9,800 Feet



Newmont CRIPPLE CREEK & VICTOR

NEWMONT

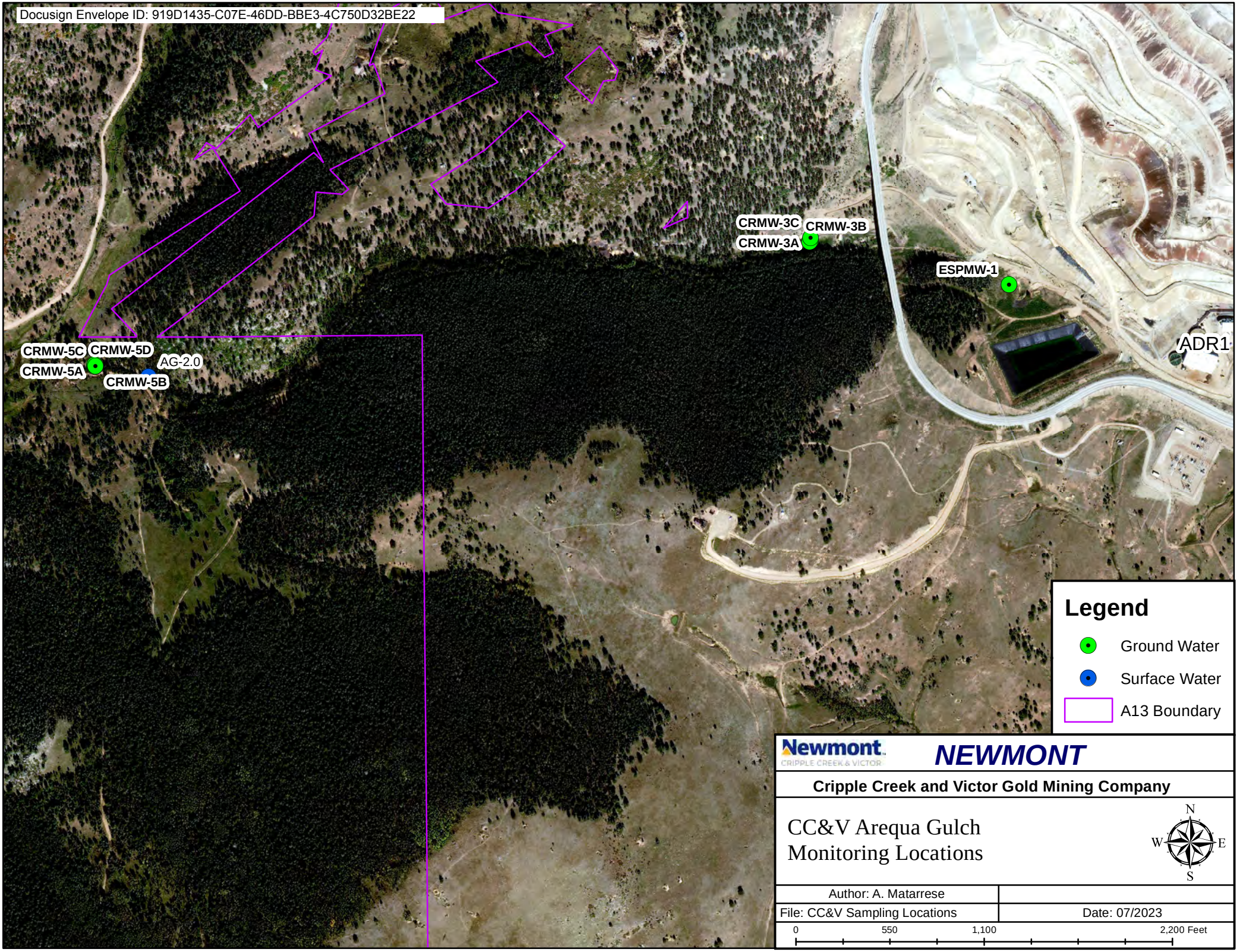
Cripple Creek and Victor Gold Mining Company

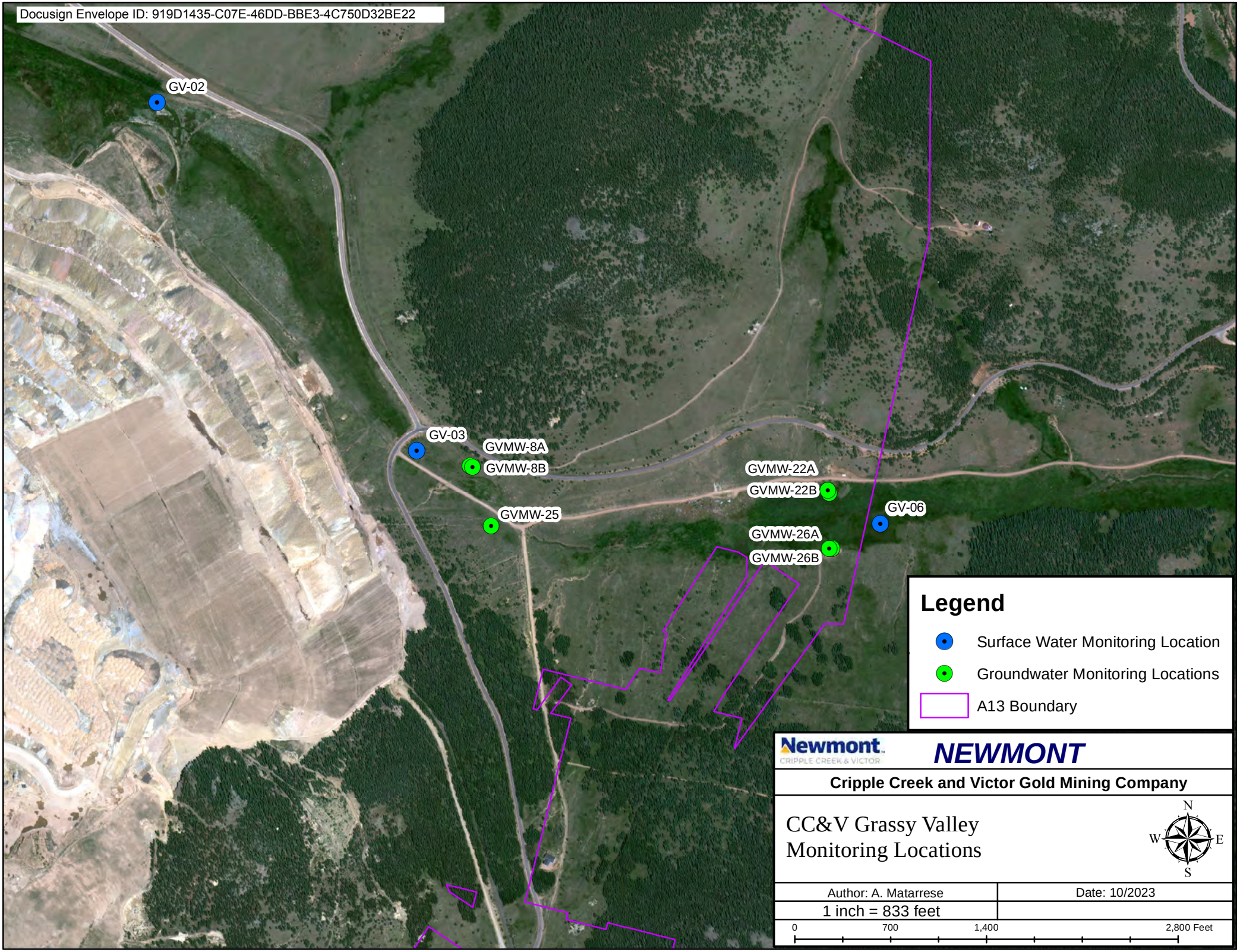
CC&V Surface Water Compliance Monitoring Locations

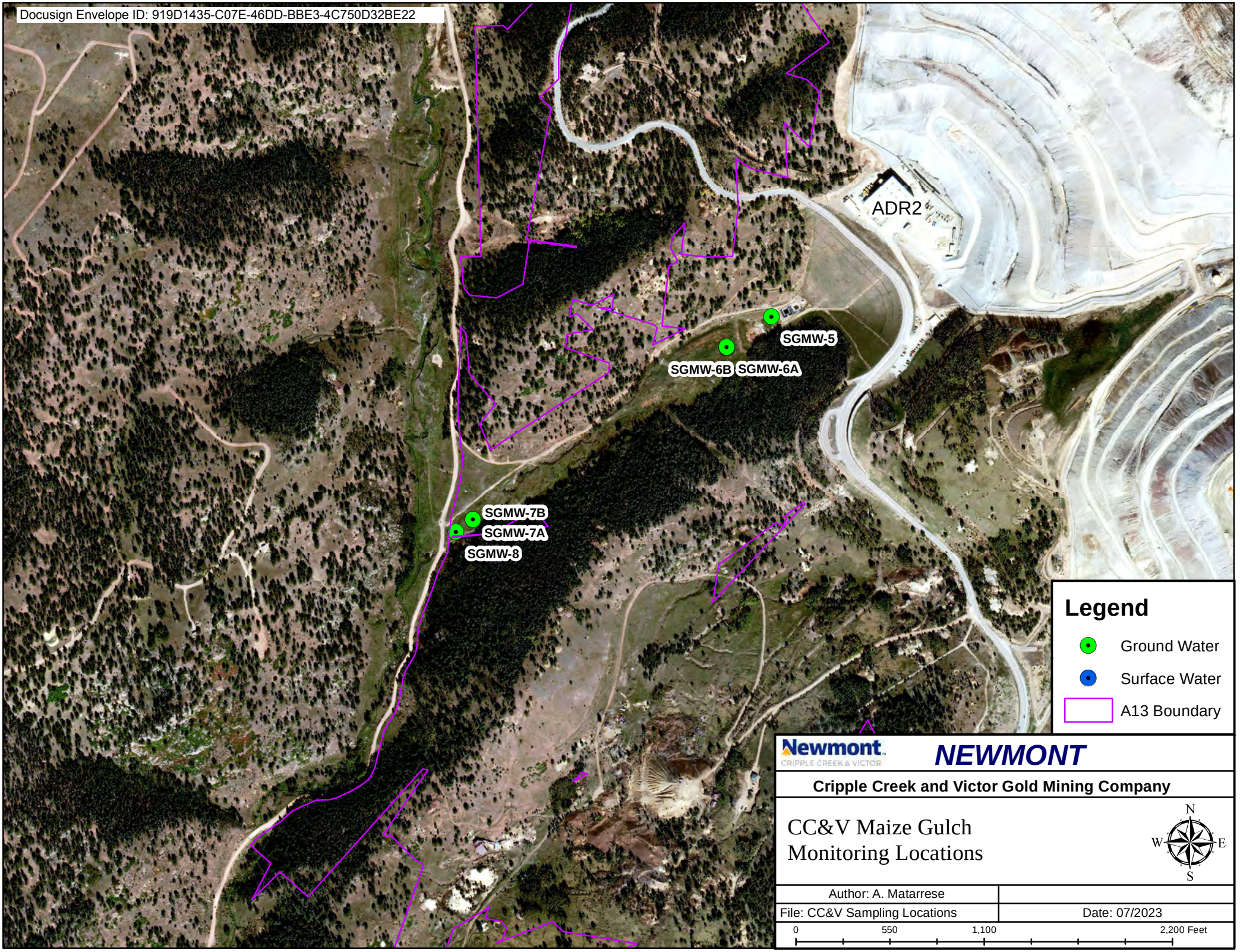
N W E S

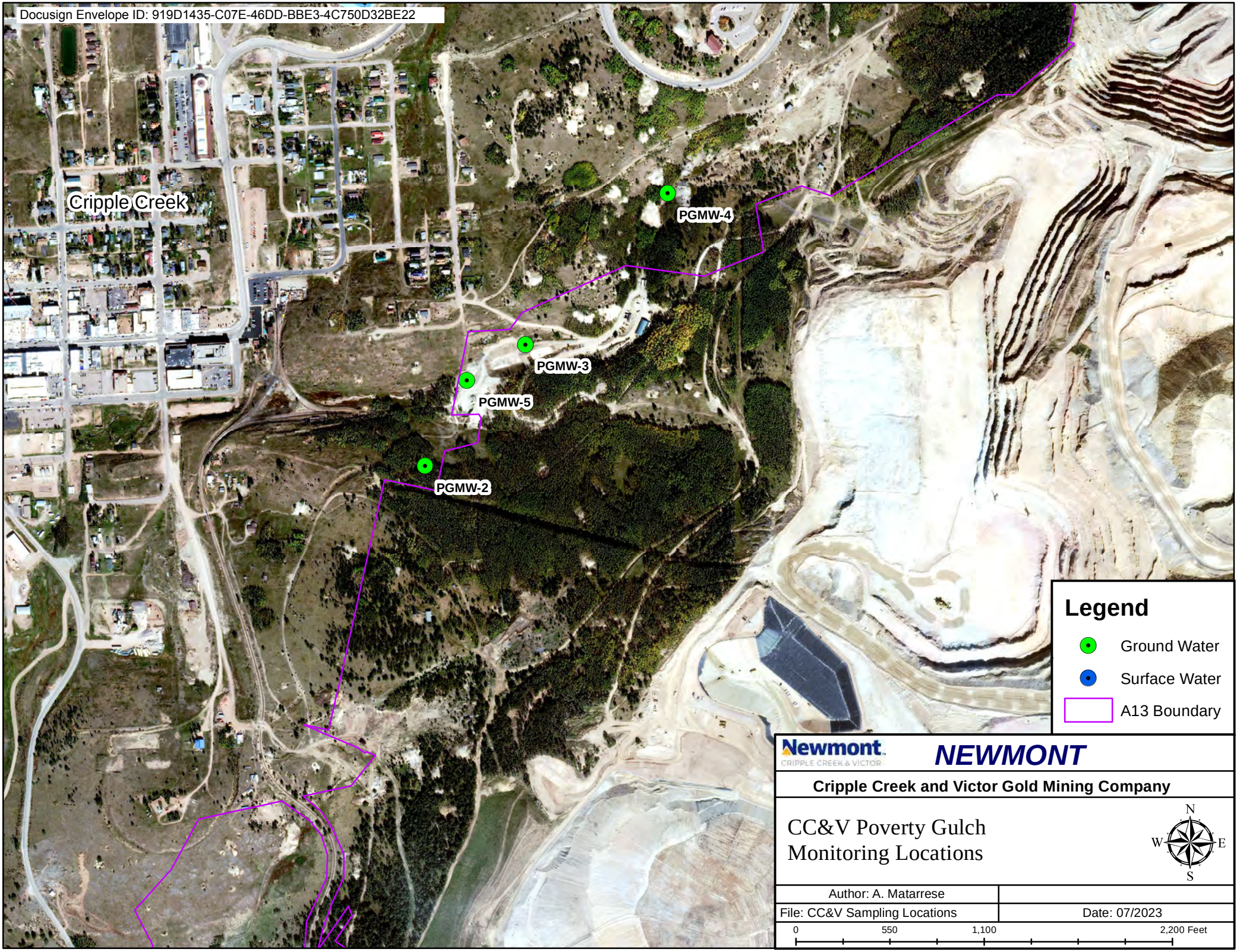
Author: A. Matarrese	Date: 10/2023
1 inch = 2,917 feet	

0 2,450 4,900 9,800 Feet









Newmont CRIPPLE CREEK & VICTOR

NEWMONT

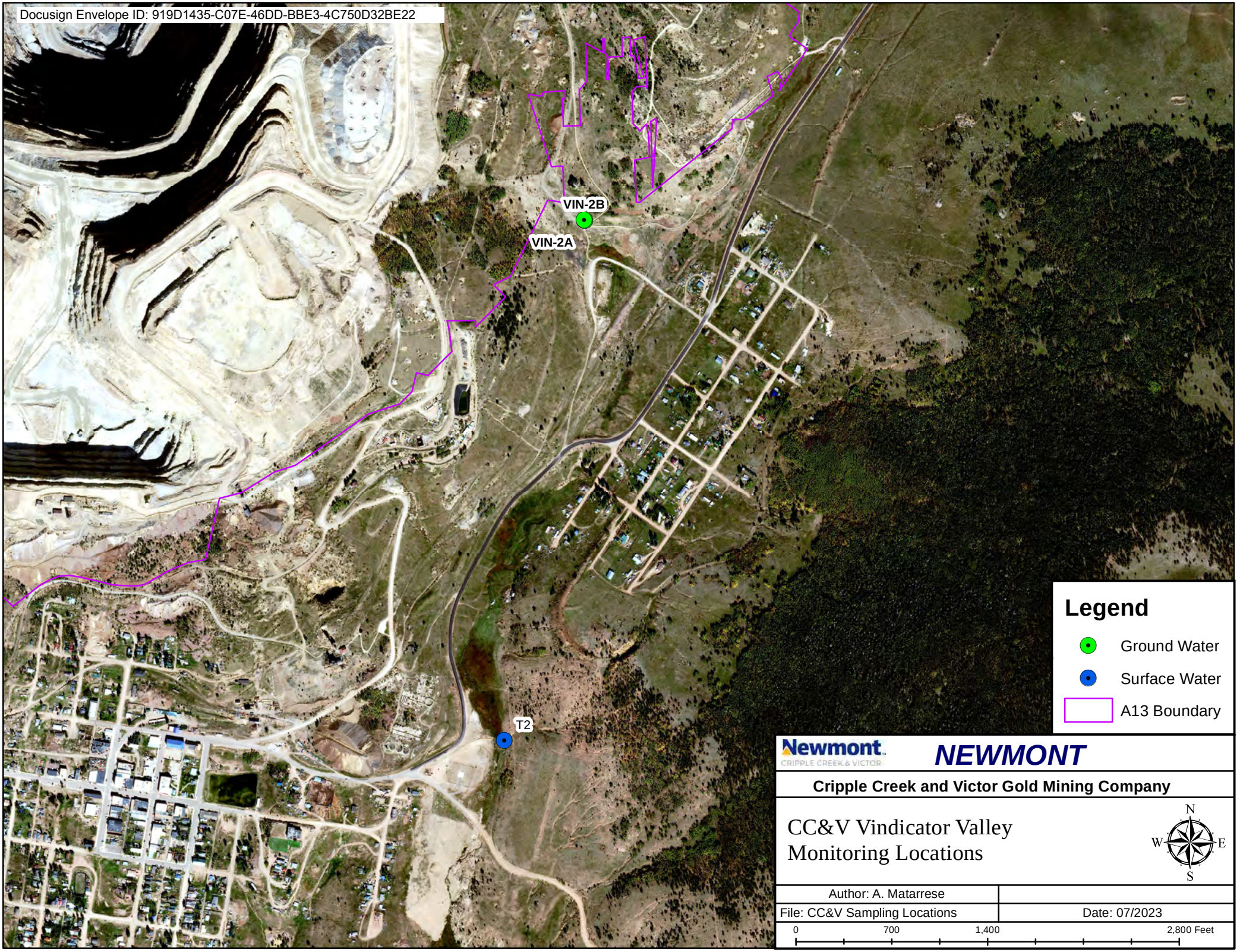
Cripple Creek and Victor Gold Mining Company

CC&V Poverty Gulch Monitoring Locations

N W E S

Author: A. Matarrese	
File: CC&V Sampling Locations	Date: 07/2023

0 550 1,100 2,200 Feet



Newmont
CRIPPLE CREEK & VICTOR

NEWMONT

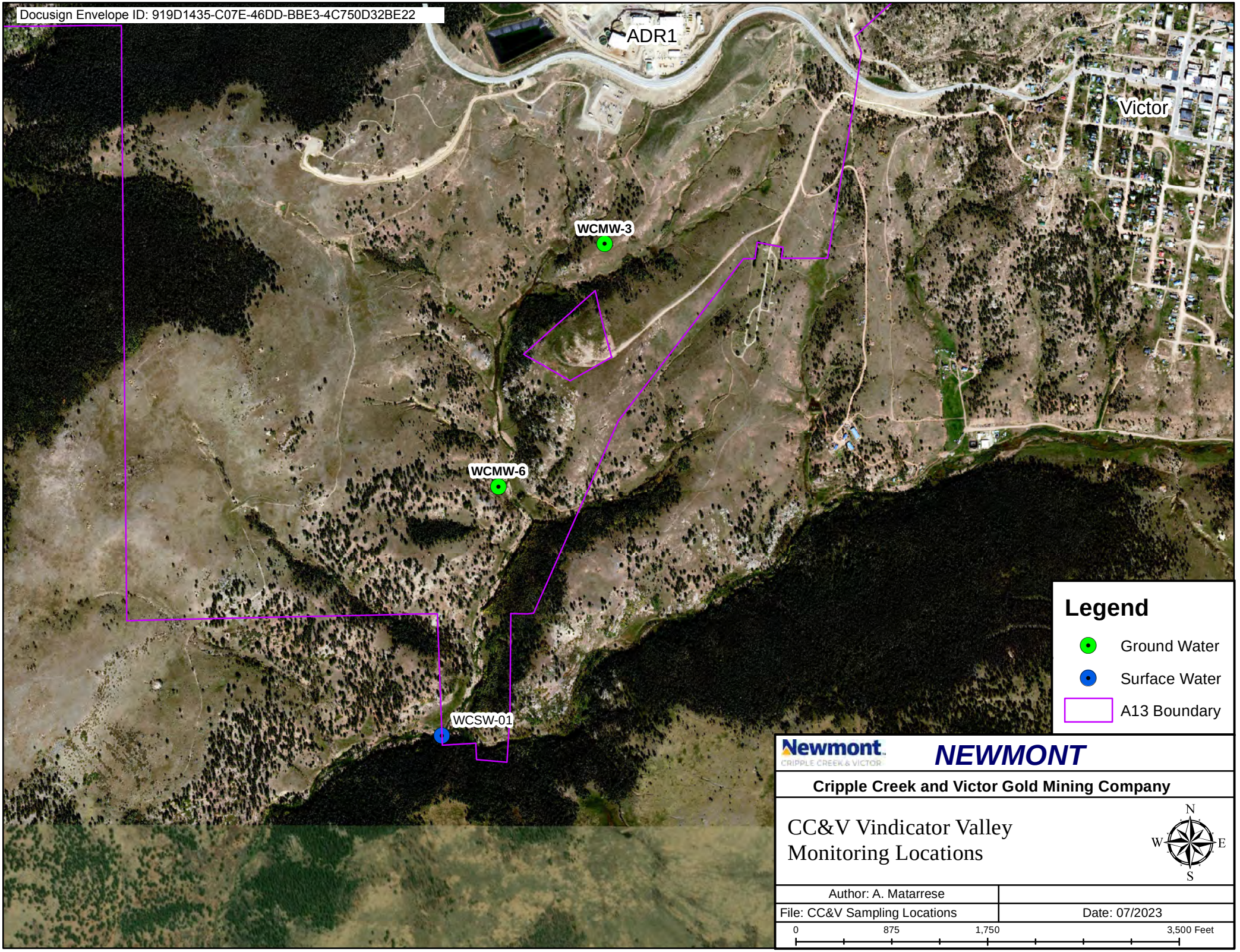
Cripple Creek and Victor Gold Mining Company

CC&V Vindicator Valley Monitoring Locations

N
W E
S

Author: A. Matarrese	
File: CC&V Sampling Locations	Date: 07/2023

0 700 1,400 2,800 Feet



Legend

- Ground Water
- Surface Water
- A13 Boundary

Newmont CRIPPLE CREEK & VICTOR

NEWMONT

Cripple Creek and Victor Gold Mining Company

CC&V Vindicator Valley Monitoring Locations

N W E S

Author: A. Matarrese	
File: CC&V Sampling Locations	Date: 07/2023

0 875 1,750 3,500 Feet

Tables

Table 1
Quarterly Monitoring Location Summary
Cripple Creek and Victor Gold Mining Company

Monitoring Location	Date Monitored	Status	Comments
Poverty Gulch			
PGMW-2	3/11/2025	Dry	dry at 218' BTOC
PGMW-3	3/12/2025	Sampled	
PGMW-4	3/11/2025	Dry	dry at 39.3' BTOC
PGMW-5	3/11/2025	NS-IW	<90% recovery
Maize Gulch			
SGMW-5	3/10/2025	Dry	dry at 256' BTOC
SGMW-6A	3/10/2025	Dry	dry at 400' BTOC
SGMW-6B	3/10/2025	Sampled	
SGMW-7A	3/10/2025	Dry	dry at 404.8' BTOC
SGMW-7B	3/10/2025	Dry	dry at 58.12' BTOC
SGMW-8	3/10/2025	NS-IW	No sample collected due to insufficent water volume
Arequa Gulch			
CRMW-3A	3/12/2025	NS-IW	No sample collected due to insufficent water volume
CRMW-3B	3/12/2025	NS-IW	No sample collected due to insufficent water volume
CRMW-3C	3/12/2025	Sampled	
CRMW-5A	3/11/2025	Inaccesible	well not accessable during monitoring period due to snow/weather
CRMW-5B	3/11/2025	Inaccesible	well not accessable during monitoring period due to snow/weather
CRMW-5C	3/11/2025	Inaccesible	well not accessable during monitoring period due to snow/weather
CRMW-5D	3/11/2025	Inaccesible	well not accessable during monitoring period due to snow/weather
ESPMW-1	3/27/2025	NS-IW	<90% recovery
AG-2.0	3/11/2025	Inaccesible	
Wilson Creek			
WCMW-3	3/24/2025	Sampled	
WCMW-6	3/24/2025	Inaccesible	well not accessable during monitoring period due to snow/weather
WCSW-01	3/24/2025	Inaccesible	well not accessable during monitoring period due to snow/weather
Vindicator Valley			
VIN-2A	3/24/2025	Sampled	
VIN-2B	3/25/2025	Sampled	
T-2	3/24/2025	Dry	No flowing water observed
Grassy Valley			
GVMW-8A*	1/15/2025, 2/13/2025, & 3/11/2025	Sampled	
GVMW-8B*	1/15/2025, 2/13/2025, & 3/11/2025	Sampled	
GVMW-22A*	1/7/2025, 2/11/2025, & 3/5/2025	Sampled	
GVMW-22B*	1/7/2025, 2/11/2025, & 3/5/2025	Sampled	
GVMW-25*	1/28/2025, 2/20/2025, & 3/17/2025	Sampled	
GVMW-26A*	1/16/2025, 2/11/2025, & 3/3/2025	Sampled	
GVMW-26B*	1/16/2025, 2/11/2025, & 3/3/2025	Sampled	
GV-02*	1/14/2025, 2/18/2025, & 3/19/2025	Dry	Dry/Frozen throughout the quarter
GV-03*	1/14/2025, 2/18/2025, & 3/19/2025	Dry	Dry throughout the quarter
GV-06*	1/14/2025, 2/18/2025, & 3/26/2025	Sampled	Sampled in March

Notes:
D - Dry
NS-IW - Not sampled due to insufficient water
* - indicates locations that are monitored monthly

Table 2
Quarterly Groundwater Analytical Results
First Quarter 2025
Cripple Creek and Victor Gold Mining Company

ANALYTE	Reg 41 TVS	Site-Wide NPL	UNIT	Well I.D.	PGMW-3	SGMW-6B	CRMW-3C	WCMW-3*	VIN-2A	VIN-2B*	GVMW-8A*	GVMW-8B	GVMW-22A	GVMW-22B	GVMW-25	GVMW-26A	GVMW-26B
				Sample Date	3/12/2025	3/10/2025	3/12/2025	3/24/2025	3/24/2025	3/25/2025	3/11/2025	3/11/2025	3/5/2024	3/5/2025	3/17/2025	3/3/2025	3/3/2025
Aluminium - Dissolved	5	**7**	mg/L		**27.1**	0.668	0.418	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	**401**	<0.080	<0.080
Ammonia	NA	NA	mg/L		0.397	0.102	0.033	0.07	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030
Antimony - Dissolved	**0.006**	NA	mg/L		<0.00100	<0.00100	<0.00200	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100
Arsenic - Dissolved	**0.01**	NA	mg/L		0.00461	0.00123	<0.00200	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	**0.117**	<0.00100	<0.00100
Barium - Dissolved	**2**	NA	mg/L		0.0164	0.0084	0.0114	0.0662	0.0078	0.0087	<0.0020	0.0072	0.1	0.0528	0.0125	0.22	0.130
Beryllium - Dissolved	**0.004**	NA	mg/L		0.00397	**0.0877**	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	**0.313**	<0.00200	<0.00200
Boron - Total	**0.75**	NA	mg/L		<0.0400	0.0943	0.0716	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400
Cadmium - Dissolved	**0.005**	**0.005**	mg/L		**0.0401**	<0.0020	0.0042	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	**0.901**	<0.0020	<0.0020
Chloride - Total	**250**	NA	mg/L		49.3	178	173	2.59	7.67	11.4	63.5	36	4.17	5.5	19.4	1.29	1.79
Chromium - Dissolved	**0.1**	NA	mg/L		0.0136	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	0.0273	<0.0060	<0.0060
Cobalt - Dissolved	**0.05**	NA	mg/L		**0.126**	0.0254	0.0342	<0.0060	0.0087	0.0063	<0.0060	<0.0060	<0.0060	<0.0060	**0.929**	<0.0060	<0.0060
Copper - Dissolved	**0.2**	**0.2**	mg/L		0.0708	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0267	<0.0100	<0.0100	**1.33**	<0.0100	<0.0100
Cyanide - Free	**0.2**	NA	mg/L		<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0500	<0.0050	<0.0050
Cyanide - Total	NA	NA	mg/L		<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0761	<0.0050
Cyanide - WAD	NA	**0.2**	mg/L		<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Fluoride - Total F	**2**	**2**	mg/L		**3.28**	**11.9**	**2.61**	0.849	0.246	0.152	1.84	**2.19**	**2.14**	0.373	**43.4**	1.91	0.256
Iron - Dissolved	0.3	**14**	mg/L		0.773	**14.4**	0.123	0.1	<0.100	0.144	<0.100	<0.100	<0.100	<0.100	0.999	<0.100	<0.100
Lead - Dissolved	**0.05**	NA	mg/L		<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	0.0236	<0.0075	<0.0075
Lithium - Dissolved	**2.5**	NA	mg/L		<0.040	0.135	0.077	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	0.182	<0.040	<0.040
Manganese - Dissolved	0.05	**3**	mg/L		**15.8**	**9.83**	**3.42**	0.0984	0.0287	3.1	<0.0080	<0.0080	<0.0080	<0.0080	**124**	<0.0080	<0.0080
Mercury - Dissolved	**0.002**	**0.002**	mg/L		<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Molybdenum - Dissolved	**0.21**	NA	mg/L		<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	0.0106	<0.0080	<0.0080	<0.0080	<0.0080
Nickel - Dissolved	**0.1**	NA	mg/L		**0.169**	0.0717	0.02	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	**1.5**	<0.0100	<0.0100
Nitrate as Nitrogen	**10**	**10**	mg/L		4.44	<0.050	<0.050	<0.050	<0.050	<0.050	1.19	2.21	0.063	0.09	2.4	0.052	0.653
Nitrite + Nitrate as Nitrogen	10	**11**	mg/L		4.94	<0.100	<0.100	<0.100	<0.100	<0.100	1.19	2.21	<0.100	<0.100	2.4	<0.100	0.658
Nitrite as Nitrogen	**1**	**1**	mg/L		0.503	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.250	<0.050	<0.050
pH Field	6.5-8.5	**6.0-8.5**	pH units		**4.28**	**5.97**	6.33	7.69	7.65	6.90	6.55	6.39	7.69	6.54	**3.68**	7.42	6.19
Selenium - Dissolved	0.02	**0.024**	mg/L		<0.00100	<0.00100	<0.00200	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	0.0097	<0.00100	<0.00100
Silver - Dissolved	**0.05**	NA	mg/L		<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0188	<0.0050	<0.0050
Sodium - Dissolved	NA	NA	mg/L		21.3	68.6	67.2	11	22	33	22.2	23.2	34.2	23.9	41.3	34.3	11.6
Sulfate - Total	**250**	NA	mg/L		**584**	**2,270**	**649**	25.3	**645**	726	62.4	96	32.4	107	**4,590**	14.6	20.0
Thallium - Dissolved	**0.002**	NA	mg/L		<0.000200	<0.000200	<0.000400	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.00100	<0.000200	<0.000200
Total Dissolved Solids	NA	NA	mg/L		992	2,580	1,530	209	1,180	1,190	316	303	241	281	6,560	193	114
Uranium - Dissolved	**0.03**	NA	mg/L		**0.0671**	0.00121	0.0298	0.00688	0.00213	0.000159	0.00482	0.00248	0.00348	0.00131	**1.19**	0.00329	0.000144
Vanadium - Dissolved	**0.1**	NA	mg/L		<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0274	<0.0050	<0.0050
Zinc - Dissolved	**2**	**2**	mg/L		**2.05**	0.139	0.229	<0.0100	**2.67**	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	**29.8**	<0.0100	<0.0100

Notes:

Applicable Standard vs. Non-applicable standard
* well specific NPL applied, refer table 3.2 in the QAPP
Result below laboratory detection limit
BOLD - exceeds applicable standard
< - less than
mg/L - miligrams per liter
NPL - Numeric Protection Limit
NS- Not sampled
TVS - table value standard
NS- Not sampled

Attachment 1
Laboratory Analytical Reports

One Government Gulch - PO Box 929
Kellogg, ID 83837-0929
(208) 784-1258
www.svl.net

Newmont - Cripple Creek & Victor	**Project Name: Cripple Creek/Victor Water and Soil 2024**
Post Office Box 191	Work Order: **X5C0118**
Victor, CO 80860	Reported: 25-Mar-25 13:14

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received	Notes
SGMW-6B	X5C0118-01	Ground Water	10-Mar-25 09:30	TR	11-Mar-2025	

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.

Case Narrative: X5C0118

The state of origin only accredits for drinking water analyses.

Samples treated with $CdCO_3$ before CN analysis for sulfide interference at client request.

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 2024
Work Order: **X5C0118**
Reported: 25-Mar-25 13:14

Client Sample ID: **SGMW-6B**
SVL Sample ID: **X5C0118-01 (Ground Water)**

Sampled: 10-Mar-25 09:30
Received: 11-Mar-25
Sampled By: TR

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	463	mg/L	0.500	0.345	5	X511128	JRR	03/17/25 14:08	
EPA 200.7	**Magnesium**	94.5	mg/L	0.500	0.090		X511128	JRR	03/17/25 13:20	
EPA 200.7	**Potassium**	10.2	mg/L	0.50	0.18		X511128	JRR	03/17/25 13:20	
SM 2340 B	**Hardness (as CaCO3)**	1550	mg/L	3.31	1.23		N/A		03/20/25 13:25	
Metals (Dissolved)										
EPA 200.7	**Aluminum**	0.668	mg/L	0.080	0.054		X511228	SJN	03/20/25 13:25	
EPA 200.7	**Barium**	0.0084	mg/L	0.0020	0.0019		X511228	SJN	03/20/25 14:19	
EPA 200.7	**Beryllium**	0.0877	mg/L	0.00200	0.00080		X511228	SJN	03/20/25 13:25	
EPA 200.7	**Boron**	0.0943	mg/L	0.0400	0.0078		X511228	SJN	03/20/25 13:25	
EPA 200.7	Cadmium	< 0.0020	mg/L	0.0020	0.0016		X511228	SJN	03/20/25 13:25	
EPA 200.7	**Calcium**	462	mg/L	0.100	0.069		X511228	SJN	03/20/25 13:25	
EPA 200.7	Chromium	< 0.0060	mg/L	0.0060	0.0020		X511228	SJN	03/20/25 13:25	
EPA 200.7	**Cobalt**	0.0254	mg/L	0.0060	0.0046		X511228	SJN	03/20/25 13:25	
EPA 200.7	Copper	< 0.0100	mg/L	0.0100	0.0027		X511228	SJN	03/20/25 13:25	
EPA 200.7	**Iron**	14.4	mg/L	0.100	0.056		X511228	SJN	03/20/25 13:25	
EPA 200.7	Lead	< 0.0075	mg/L	0.0075	0.0049		X511228	SJN	03/20/25 13:25	
EPA 200.7	**Lithium**	0.135	mg/L	0.040	0.025		X511228	SJN	03/20/25 13:25	
EPA 200.7	**Magnesium**	85.1	mg/L	0.500	0.090		X511228	SJN	03/20/25 13:25	
EPA 200.7	**Manganese**	9.83	mg/L	0.0080	0.0034		X511228	SJN	03/20/25 13:25	
EPA 200.7	Molybdenum	< 0.0080	mg/L	0.0080	0.0034		X511228	SJN	03/20/25 13:25	
EPA 200.7	**Nickel**	0.0717	mg/L	0.0100	0.0048		X511228	SJN	03/20/25 13:25	
EPA 200.7	**Potassium**	9.05	mg/L	0.50	0.18		X511228	SJN	03/20/25 13:25	
EPA 200.7	Silver	< 0.0050	mg/L	0.0050	0.0019		X511228	SJN	03/20/25 13:25	
EPA 200.7	**Sodium**	68.6	mg/L	0.50	0.12		X511228	SJN	03/20/25 13:25	
EPA 200.7	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X511228	SJN	03/20/25 13:25	
EPA 200.7	**Zinc**	0.139	mg/L	0.0100	0.0054		X511228	SJN	03/20/25 13:25	
EPA 200.8	Antimony	< 0.00100	mg/L	0.00100	0.00072		X511108	SMU	03/19/25 15:32	
EPA 200.8	**Arsenic**	0.00123	mg/L	0.00100	0.00021		X511108	SMU	03/19/25 15:32	
EPA 200.8	Selenium	< 0.00100	mg/L	0.00100	0.00024		X511108	SMU	03/19/25 15:32	
EPA 200.8	Thallium	< 0.000200	mg/L	0.000200	0.00008		X511108	SMU	03/19/25 15:32	
EPA 200.8	**Uranium**	0.00121	mg/L	0.000100	0.000052		X511108	SMU	03/19/25 15:32	
Metals (Filtered)										
EPA 245.1	Mercury	< 0.000200	mg/L	0.000200	0.000093		X511242	SJN	03/24/25 17:10	
Classical Chemistry Parameters										
ASTM D7237-15A	Cyanide (free) @ pH 6	< 0.0050	mg/L	0.0050	0.0048		X511095	JPM	03/14/25 13:56	
EPA 335.4	Cyanide (total)	< 0.0050	mg/L	0.0050	0.0038		X512005	DD	03/18/25 14:49	
EPA 350.1	**Ammonia as N**	0.102	mg/L	0.030	0.013		X511156	DD	03/19/25 17:22	
OIA 1677	Cyanide (WAD)	< 0.0050	mg/L	0.0050	0.0010		X512153	JPM	03/24/25 11:06	
SM 2310 B	**Acidity to pH 8.3**	-68.9	mg/L as CaCO3	10.0			X512009	MWD	03/17/25 12:35	
SM 2320 B	**Total Alkalinity**	77.2	mg/L as CaCO3	1.0			X511219	MWD	03/14/25 14:58	
SM 2320 B	**Bicarbonate**	77.2	mg/L as CaCO3	1.0			X511219	MWD	03/14/25 14:58	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO3	1.0			X511219	MWD	03/14/25 14:58	
SM 2320 B	Hydroxide	< 1.0	mg/L as CaCO3	1.0			X511219	MWD	03/14/25 14:58	
SM 2540 C	**Total Diss. Solids**	2580	mg/L	40			X511101	TJL	03/13/25 13:25	
SM 2540 D	**Total Susp. Solids**	62.0	mg/L	5.0			X511102	TJL	03/13/25 14:00	
SM 4500 H B	**pH @17.5°C**	6.2	pH Units				X511219	MWD	03/14/25 14:58	H5

SVL holds the following certifications:
AZ:0538, **ID**:ID00019, **NV**:ID000192007A, **UT**(**TNI**):ID000192015-1, **WA**:C573

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 2024
Work Order: **X5C0118**
Reported: 25-Mar-25 13:14

Client Sample ID: **SGMW-6B**
SVL Sample ID: **X5C0118-01 (Ground Water)**

Sampled: 10-Mar-25 09:30
Received: 11-Mar-25
Sampled By: TR

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Anions by Ion Chromatography										
EPA 300.0	**Chloride**	178	mg/L	10.0	1.10	50	X511070	RS	03/11/25 16:22	
EPA 300.0	**Fluoride**	11.9	mg/L	5.00	0.850	50	X511070	RS	03/11/25 16:22	
EPA 300.0	Nitrate as N	< 0.050	mg/L	0.050	0.013		X511070	RS	03/11/25 16:06	
EPA 300.0	Nitrate+Nitrite as N	< 0.100	mg/L	0.100	0.044		X511070	RS	03/11/25 16:06	
EPA 300.0	Nitrite as N	< 0.050	mg/L	0.050	0.031		X511070	RS	03/11/25 16:06	
EPA 300.0	**Sulfate as SO4**	2270	mg/L	15.0	9.00	50	X511070	RS	03/11/25 16:22	

Cation/Anion Balance and TDS Ratios

Cation Sum: 34.3 meq/L Anion Sum: 54.5 meq/L C/A Balance: -22.78 % Calculated TDS: 3137 TDS/cTDS: 0.82

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
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 2024
Work Order: **X5C0118**
Reported: 25-Mar-25 13:14

Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)								
EPA 200.7	Calcium	mg/L	<0.100	0.069	0.100	X511128	17-Mar-25	
EPA 200.7	Magnesium	mg/L	<0.500	0.090	0.500	X511128	17-Mar-25	
EPA 200.7	Potassium	mg/L	<0.50	0.18	0.50	X511128	17-Mar-25	
Metals (Dissolved)								
EPA 200.7	Aluminum	mg/L	<0.080	0.054	0.080	X511228	20-Mar-25	
EPA 200.7	Barium	mg/L	<0.0020	0.0019	0.0020	X511228	20-Mar-25	
EPA 200.7	Beryllium	mg/L	<0.00200	0.00080	0.00200	X511228	20-Mar-25	
EPA 200.7	Boron	mg/L	<0.0400	0.0078	0.0400	X511228	20-Mar-25	
EPA 200.7	Cadmium	mg/L	<0.0020	0.0016	0.0020	X511228	20-Mar-25	
EPA 200.7	Calcium	mg/L	<0.100	0.069	0.100	X511228	20-Mar-25	
EPA 200.7	Chromium	mg/L	<0.0060	0.0020	0.0060	X511228	20-Mar-25	
EPA 200.7	Cobalt	mg/L	<0.0060	0.0046	0.0060	X511228	20-Mar-25	
EPA 200.7	Copper	mg/L	<0.0100	0.0027	0.0100	X511228	20-Mar-25	
EPA 200.7	Iron	mg/L	<0.100	0.056	0.100	X511228	20-Mar-25	
EPA 200.7	Lead	mg/L	<0.0075	0.0049	0.0075	X511228	20-Mar-25	
EPA 200.7	Lithium	mg/L	<0.040	0.025	0.040	X511228	20-Mar-25	
EPA 200.7	Magnesium	mg/L	<0.500	0.090	0.500	X511228	20-Mar-25	
EPA 200.7	Manganese	mg/L	<0.0080	0.0034	0.0080	X511228	20-Mar-25	
EPA 200.7	Molybdenum	mg/L	<0.0080	0.0034	0.0080	X511228	20-Mar-25	
EPA 200.7	Nickel	mg/L	<0.0100	0.0048	0.0100	X511228	20-Mar-25	
EPA 200.7	Potassium	mg/L	<0.50	0.18	0.50	X511228	20-Mar-25	
EPA 200.7	Silver	mg/L	<0.0050	0.0019	0.0050	X511228	20-Mar-25	
EPA 200.7	Sodium	mg/L	<0.50	0.12	0.50	X511228	20-Mar-25	
EPA 200.7	Vanadium	mg/L	<0.0050	0.0019	0.0050	X511228	20-Mar-25	
EPA 200.7	Zinc	mg/L	<0.0100	0.0054	0.0100	X511228	20-Mar-25	
EPA 200.8	Antimony	mg/L	<0.00100	0.00072	0.00100	X511108	18-Mar-25	
EPA 200.8	Arsenic	mg/L	<0.00100	0.00021	0.00100	X511108	18-Mar-25	
EPA 200.8	Selenium	mg/L	<0.00100	0.00024	0.00100	X511108	18-Mar-25	
EPA 200.8	Thallium	mg/L	<0.000200	0.00008	0.000200	X511108	18-Mar-25	
EPA 200.8	Uranium	mg/L	<0.000100	0.000052	0.000100	X511108	18-Mar-25	
Metals (Filtered)								
EPA 245.1	Mercury	mg/L	<0.000200	0.000093	0.000200	X511242	24-Mar-25	
Classical Chemistry Parameters								
ASTM D7237-15A	Cyanide (free) @ pH 6	mg/L	<0.0050	0.0048	0.0050	X511095	14-Mar-25	
EPA 335.4	Cyanide (total)	mg/L	<0.0050	0.0038	0.0050	X512005	18-Mar-25	
EPA 350.1	Ammonia as N	mg/L	<0.030	0.013	0.030	X511156	19-Mar-25	
OIA 1677	Cyanide (WAD)	mg/L	<0.0050	0.0010	0.0050	X512153	24-Mar-25	
SM 2310 B	Acidity to pH 8.3	mg/L as CaCO3	<10.0		10.0	X512009	17-Mar-25	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	<1.0		1.0	X511219	14-Mar-25	
SM 2320 B	Bicarbonate	mg/L as CaCO3	<1.0		1.0	X511219	14-Mar-25	
SM 2320 B	Carbonate	mg/L as CaCO3	<1.0		1.0	X511219	14-Mar-25	
SM 2320 B	Hydroxide	mg/L as CaCO3	<1.0		1.0	X511219	14-Mar-25	
SM 2540 C	Total Diss. Solids	mg/L	<10		10	X511101	13-Mar-25	
SM 2540 D	Total Susp. Solids	mg/L	<5.0		5.0	X511102	13-Mar-25	
Anions by Ion Chromatography								
EPA 300.0	Chloride	mg/L	<0.20	0.02	0.20	X511070	11-Mar-25	
EPA 300.0	Fluoride	mg/L	<0.100	0.017	0.100	X511070	11-Mar-25	
EPA 300.0	Nitrate as N	mg/L	<0.050	0.013	0.050	X511070	11-Mar-25	
EPA 300.0	Nitrate+Nitrite as N	mg/L	<0.100	0.044	0.100	X511070	11-Mar-25	
EPA 300.0	Nitrite as N	mg/L	<0.050	0.031	0.050	X511070	11-Mar-25	
EPA 300.0	Sulfate as SO4	mg/L	<0.30	0.18	0.30	X511070	11-Mar-25	

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 2024
Work Order: **X5C0118**
Reported: 25-Mar-25 13:14

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	20.3	20.0	102	85 - 115	X511128	17-Mar-25	
EPA 200.7	Magnesium	mg/L	20.5	20.0	102	85 - 115	X511128	17-Mar-25	
EPA 200.7	Potassium	mg/L	20.4	20.0	102	85 - 115	X511128	17-Mar-25	
Metals (Dissolved)									
EPA 200.7	Aluminum	mg/L	0.934	1.00	93.4	85 - 115	X511228	20-Mar-25	
EPA 200.7	Barium	mg/L	1.03	1.00	103	85 - 115	X511228	20-Mar-25	
EPA 200.7	Beryllium	mg/L	0.978	1.00	97.8	85 - 115	X511228	20-Mar-25	
EPA 200.7	Boron	mg/L	0.974	1.00	97.4	85 - 115	X511228	20-Mar-25	
EPA 200.7	Cadmium	mg/L	1.02	1.00	102	85 - 115	X511228	20-Mar-25	
EPA 200.7	Calcium	mg/L	20.0	20.0	99.9	85 - 115	X511228	20-Mar-25	
EPA 200.7	Chromium	mg/L	1.03	1.00	103	85 - 115	X511228	20-Mar-25	
EPA 200.7	Cobalt	mg/L	0.990	1.00	99.0	85 - 115	X511228	20-Mar-25	
EPA 200.7	Copper	mg/L	0.982	1.00	98.2	85 - 115	X511228	20-Mar-25	
EPA 200.7	Iron	mg/L	10.1	10.0	101	85 - 115	X511228	20-Mar-25	
EPA 200.7	Lead	mg/L	1.02	1.00	102	85 - 115	X511228	20-Mar-25	
EPA 200.7	Lithium	mg/L	0.949	1.00	94.9	85 - 115	X511228	20-Mar-25	
EPA 200.7	Magnesium	mg/L	18.8	20.0	93.8	85 - 115	X511228	20-Mar-25	
EPA 200.7	Manganese	mg/L	1.02	1.00	102	85 - 115	X511228	20-Mar-25	
EPA 200.7	Molybdenum	mg/L	1.03	1.00	103	85 - 115	X511228	20-Mar-25	
EPA 200.7	Nickel	mg/L	1.02	1.00	102	85 - 115	X511228	20-Mar-25	
EPA 200.7	Potassium	mg/L	19.9	20.0	99.7	85 - 115	X511228	20-Mar-25	
EPA 200.7	Silver	mg/L	0.0480	0.0500	96.0	85 - 115	X511228	20-Mar-25	
EPA 200.7	Sodium	mg/L	18.7	19.0	98.6	85 - 115	X511228	20-Mar-25	
EPA 200.7	Vanadium	mg/L	1.00	1.00	100	85 - 115	X511228	20-Mar-25	
EPA 200.7	Zinc	mg/L	0.963	1.00	96.3	85 - 115	X511228	20-Mar-25	
EPA 200.8	Antimony	mg/L	0.0259	0.0250	104	85 - 115	X511108	18-Mar-25	
EPA 200.8	Arsenic	mg/L	0.0241	0.0250	96.6	85 - 115	X511108	18-Mar-25	
EPA 200.8	Selenium	mg/L	0.0237	0.0250	94.6	85 - 115	X511108	18-Mar-25	
EPA 200.8	Thallium	mg/L	0.0248	0.0250	99.1	85 - 115	X511108	18-Mar-25	
EPA 200.8	Uranium	mg/L	0.0251	0.0250	100	85 - 115	X511108	18-Mar-25	
Metals (Filtered)									
EPA 245.1	Mercury	mg/L	0.00205	0.00200	103	85 - 115	X511242	24-Mar-25	
Classical Chemistry Parameters									
ASTM D7237-15A	Cyanide (free) @ pH 6	mg/L	0.0983	0.100	98.3	90 - 110	X511095	14-Mar-25	
EPA 335.4	Cyanide (total)	mg/L	0.0907	0.100	90.7	90 - 110	X512005	18-Mar-25	
EPA 350.1	Ammonia as N	mg/L	0.972	1.00	97.2	90 - 110	X511156	19-Mar-25	
OIA 1677	Cyanide (WAD)	mg/L	0.105	0.100	105	90 - 110	X512153	24-Mar-25	
SM 2310 B	Acidity to pH 8.3	mg/L as CaCO3	702	706	99.5	95.4 - 104	X512009	17-Mar-25	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	9.70	9.93	97.7	94 - 106	X511219	14-Mar-25	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	100	99.3	101	94 - 106	X511219	14-Mar-25	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	401	397	101	94 - 106	X511219	14-Mar-25	
SM 2540 D	Total Susp. Solids	mg/L	10.0	10.0	100	85 - 115	X511102	13-Mar-25	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	2.98	3.00	99.3	90 - 110	X511070	11-Mar-25	
EPA 300.0	Fluoride	mg/L	2.00	2.00	99.9	90 - 110	X511070	11-Mar-25	
EPA 300.0	Nitrate as N	mg/L	1.97	2.00	98.4	90 - 110	X511070	11-Mar-25	
EPA 300.0	Nitrate+Nitrite as N	mg/L	4.54	4.50	101	90 - 110	X511070	11-Mar-25	
EPA 300.0	Nitrite as N	mg/L	2.57	2.50	103	90 - 110	X511070	11-Mar-25	
EPA 300.0	Sulfate as SO4	mg/L	9.83	10.0	98.3	90 - 110	X511070	11-Mar-25	

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 2024
Work Order: **X5C0118**
Reported: 25-Mar-25 13:14

Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch and Source ID	Analyzed	Notes
Classical Chemistry Parameters									
SM 2310 B	Acidity to pH 8.3	mg/L as CaCO3	<10.0	<10.0	UDL	20	X512009 - X5C0040-01	17-Mar-25	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	76.0	77.2	1.6	20	X511219 - X5C0118-01	14-Mar-25	
SM 2320 B	Bicarbonate	mg/L as CaCO3	76.0	77.2	1.6	20	X511219 - X5C0118-01	14-Mar-25	
SM 2320 B	Carbonate	mg/L as CaCO3	<1.0	<1.0	UDL	20	X511219 - X5C0118-01	14-Mar-25	
SM 2320 B	Hydroxide	mg/L as CaCO3	<1.0	<1.0	UDL	20	X511219 - X5C0118-01	14-Mar-25	
SM 2540 C	Total Diss. Solids	mg/L	164	165	0.6	10	X511101 - X5C0132-04	13-Mar-25	
SM 2540 C	Total Diss. Solids	mg/L	419	421	0.5	10	X511101 - X5C0117-02	13-Mar-25	
SM 2540 D	Total Susp. Solids	mg/L	10.0	10.0	0.0	10	X511102 - X5C0117-02	13-Mar-25	
SM 2540 D	Total Susp. Solids	mg/L	<5.0	<5.0	UDL	10	X511102 - X5C0154-01	13-Mar-25	
SM 4500 H B	pH @17.4°C	pH Units	6.1	6.2	1.1	20	X511219 - X5C0118-01	14-Mar-25	

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
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	Calcium	mg/L	41.1	20.9	20.0	101	70 - 130	X511128 - X5C0117-01	17-Mar-25	
EPA 200.7	Magnesium	mg/L	39.5	19.0	20.0	103	70 - 130	X511128 - X5C0117-01	17-Mar-25	
EPA 200.7	Potassium	mg/L	22.4	1.92	20.0	102	70 - 130	X511128 - X5C0117-01	17-Mar-25	
Metals (Dissolved)										
EPA 200.7	Aluminum	mg/L	0.873	<0.080	1.00	87.3	70 - 130	X511228 - X5C0098-01	20-Mar-25	
EPA 200.7	Aluminum	mg/L	0.883	<0.080	1.00	88.3	70 - 130	X511228 - X5C0144-01	20-Mar-25	
EPA 200.7	Barium	mg/L	0.965	0.0247	1.00	94.1	70 - 130	X511228 - X5C0098-01	20-Mar-25	
EPA 200.7	Barium	mg/L	0.972	<0.0020	1.00	97.2	70 - 130	X511228 - X5C0144-01	20-Mar-25	
EPA 200.7	Beryllium	mg/L	0.908	<0.00200	1.00	90.8	70 - 130	X511228 - X5C0098-01	20-Mar-25	
EPA 200.7	Beryllium	mg/L	0.912	<0.00200	1.00	91.2	70 - 130	X511228 - X5C0144-01	20-Mar-25	
EPA 200.7	Boron	mg/L	0.958	<0.0400	1.00	93.3	70 - 130	X511228 - X5C0098-01	20-Mar-25	
EPA 200.7	Boron	mg/L	0.956	<0.0400	1.00	94.5	70 - 130	X511228 - X5C0144-01	20-Mar-25	
EPA 200.7	Cadmium	mg/L	0.931	<0.0020	1.00	93.1	70 - 130	X511228 - X5C0098-01	20-Mar-25	
EPA 200.7	Cadmium	mg/L	0.945	<0.0020	1.00	94.5	70 - 130	X511228 - X5C0144-01	20-Mar-25	
EPA 200.7	Calcium	mg/L	153	132	20.0	105	70 - 130	X511228 - X5C0098-01	20-Mar-25	
EPA 200.7	Calcium	mg/L	64.8	44.0	20.0	104	70 - 130	X511228 - X5C0144-01	20-Mar-25	
EPA 200.7	Chromium	mg/L	0.948	<0.0060	1.00	94.8	70 - 130	X511228 - X5C0098-01	20-Mar-25	
EPA 200.7	Chromium	mg/L	0.963	<0.0060	1.00	96.3	70 - 130	X511228 - X5C0144-01	20-Mar-25	
EPA 200.7	Cobalt	mg/L	0.892	<0.0060	1.00	89.2	70 - 130	X511228 - X5C0098-01	20-Mar-25	
EPA 200.7	Cobalt	mg/L	0.906	<0.0060	1.00	90.6	70 - 130	X511228 - X5C0144-01	20-Mar-25	
EPA 200.7	Copper	mg/L	1.22	0.300	1.00	91.9	70 - 130	X511228 - X5C0098-01	20-Mar-25	
EPA 200.7	Copper	mg/L	0.919	<0.0100	1.00	91.6	70 - 130	X511228 - X5C0144-01	20-Mar-25	
EPA 200.7	Iron	mg/L	9.20	<0.100	10.0	92.0	70 - 130	X511228 - X5C0098-01	20-Mar-25	
EPA 200.7	Iron	mg/L	9.44	<0.100	10.0	94.4	70 - 130	X511228 - X5C0144-01	20-Mar-25	
EPA 200.7	Lead	mg/L	0.942	<0.0075	1.00	94.2	70 - 130	X511228 - X5C0098-01	20-Mar-25	
EPA 200.7	Lead	mg/L	0.948	<0.0075	1.00	94.8	70 - 130	X511228 - X5C0144-01	20-Mar-25	
EPA 200.7	Lithium	mg/L	0.971	<0.040	1.00	93.8	70 - 130	X511228 - X5C0098-01	20-Mar-25	
EPA 200.7	Lithium	mg/L	0.941	<0.040	1.00	94.1	70 - 130	X511228 - X5C0144-01	20-Mar-25	
EPA 200.7	Magnesium	mg/L	36.7	18.1	20.0	92.7	70 - 130	X511228 - X5C0098-01	20-Mar-25	
EPA 200.7	Magnesium	mg/L	23.9	5.33	20.0	93.0	70 - 130	X511228 - X5C0144-01	20-Mar-25	
EPA 200.7	Manganese	mg/L	0.939	<0.0080	1.00	93.5	70 - 130	X511228 - X5C0098-01	20-Mar-25	
EPA 200.7	Manganese	mg/L	0.955	<0.0080	1.00	95.5	70 - 130	X511228 - X5C0144-01	20-Mar-25	
EPA 200.7	Molybdenum	mg/L	0.965	0.0156	1.00	94.9	70 - 130	X511228 - X5C0098-01	20-Mar-25	

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 2024
Work Order: **X5C0118**
Reported: 25-Mar-25 13:14

Quality Control - MATRIX SPIKE Data (Continued)

Method	Analyte	Units	Spike Result	Sample Result (R)	Spike Level (S)	% Rec.	Acceptance Limits	Batch and Source ID	Analyzed	Notes
Metals (Dissolved) (Continued)										
EPA 200.7	Molybdenum	mg/L	0.955	<0.0080	1.00	95.5	70 - 130	X511228 - X5C0144-01	20-Mar-25	
EPA 200.7	Nickel	mg/L	0.916	<0.0100	1.00	91.6	70 - 130	X511228 - X5C0098-01	20-Mar-25	
EPA 200.7	Nickel	mg/L	0.929	<0.0100	1.00	92.9	70 - 130	X511228 - X5C0144-01	20-Mar-25	
EPA 200.7	Potassium	mg/L	20.8	2.35	20.0	92.4	70 - 130	X511228 - X5C0098-01	20-Mar-25	
EPA 200.7	Potassium	mg/L	19.4	0.59	20.0	94.0	70 - 130	X511228 - X5C0144-01	20-Mar-25	
EPA 200.7	Silver	mg/L	0.0461	<0.0050	0.0500	92.1	70 - 130	X511228 - X5C0098-01	20-Mar-25	
EPA 200.7	Silver	mg/L	0.0454	<0.0050	0.0500	90.7	70 - 130	X511228 - X5C0144-01	20-Mar-25	
EPA 200.7	Sodium	mg/L	44.5	27.0	19.0	92.1	70 - 130	X511228 - X5C0098-01	20-Mar-25	
EPA 200.7	Sodium	mg/L	39.7	21.5	19.0	95.9	70 - 130	X511228 - X5C0144-01	20-Mar-25	
EPA 200.7	Vanadium	mg/L	0.942	<0.0050	1.00	93.8	70 - 130	X511228 - X5C0098-01	20-Mar-25	
EPA 200.7	Vanadium	mg/L	0.950	<0.0050	1.00	95.0	70 - 130	X511228 - X5C0144-01	20-Mar-25	
EPA 200.7	Zinc	mg/L	0.976	0.0794	1.00	89.6	70 - 130	X511228 - X5C0098-01	20-Mar-25	
EPA 200.7	Zinc	mg/L	0.909	<0.0100	1.00	90.9	70 - 130	X511228 - X5C0144-01	20-Mar-25	
EPA 200.8	Antimony	mg/L	0.0280	<0.00100	0.0250	112	70 - 130	X511108 - X5C0040-01	18-Mar-25	
EPA 200.8	Antimony	mg/L	0.0273	<0.00100	0.0250	109	70 - 130	X511108 - X5C0092-01	18-Mar-25	
EPA 200.8	Arsenic	mg/L	0.0276	<0.00100	0.0250	110	70 - 130	X511108 - X5C0040-01	18-Mar-25	
EPA 200.8	Arsenic	mg/L	0.0267	<0.00100	0.0250	106	70 - 130	X511108 - X5C0092-01	18-Mar-25	
EPA 200.8	Selenium	mg/L	0.0277	<0.00100	0.0250	111	70 - 130	X511108 - X5C0040-01	18-Mar-25	
EPA 200.8	Selenium	mg/L	0.0282	0.00123	0.0250	108	70 - 130	X511108 - X5C0092-01	18-Mar-25	
EPA 200.8	Thallium	mg/L	0.0257	<0.000200	0.0250	103	70 - 130	X511108 - X5C0040-01	18-Mar-25	
EPA 200.8	Thallium	mg/L	0.0248	<0.000200	0.0250	99.3	70 - 130	X511108 - X5C0092-01	18-Mar-25	
EPA 200.8	Uranium	mg/L	0.0302	0.00329	0.0250	108	70 - 130	X511108 - X5C0040-01	18-Mar-25	
EPA 200.8	Uranium	mg/L	0.0289	0.00301	0.0250	104	70 - 130	X511108 - X5C0092-01	18-Mar-25	
Metals (Filtered)										
EPA 245.1	Mercury	mg/L	0.00209	<0.000200	0.00200	104	70 - 130	X511242 - X5C0117-01	24-Mar-25	
EPA 245.1	Mercury	mg/L	0.00206	<0.000200	0.00200	103	70 - 130	X511242 - X5C0190-01	24-Mar-25	
Classical Chemistry Parameters										
ASTM D7237-15A	Cyanide (free) @ pH 6	mg/L	0.105	<0.0050	0.100	105	79 - 121	X511095 - X5C0029-02	14-Mar-25	
EPA 335.4	Cyanide (total)	mg/L	0.0900	<0.0050	0.100	90.0	90 - 110	X512005 - X5C0117-02	18-Mar-25	
EPA 335.4	Cyanide (total)	mg/L	0.0952	<0.0050	0.100	95.2	90 - 110	X512005 - X5C0117-01	18-Mar-25	
EPA 350.1	Ammonia as N	mg/L	1.07	0.046	1.00	103	90 - 110	X511156 - X5C0117-01	19-Mar-25	
EPA 350.1	Ammonia as N	mg/L	0.993	<0.030	1.00	98.0	90 - 110	X511156 - X5C0117-02	19-Mar-25	
OIA 1677	Cyanide (WAD)	mg/L	0.0968	<0.0050	0.100	96.8	82 - 118	X512153 - X5C0117-02	24-Mar-25	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	4.36	1.50	3.00	95.5	90 - 110	X511070 - X5C0117-01	11-Mar-25	
EPA 300.0	Fluoride	mg/L	2.18	0.275	2.00	95.3	90 - 110	X511070 - X5C0117-01	11-Mar-25	
EPA 300.0	Nitrate as N	mg/L	1.87	<0.050	2.00	93.6	90 - 110	X511070 - X5C0117-01	11-Mar-25	
EPA 300.0	Nitrate+Nitrite as N	mg/L	3.85	<0.100	4.00	96.3	90 - 110	X511070 - X5C0117-01	11-Mar-25	
EPA 300.0	Nitrite as N	mg/L	1.98	<0.050	2.00	99.0	90 - 110	X511070 - X5C0117-01	11-Mar-25	
EPA 300.0	Sulfate as SO4	mg/L	194	189	10.0	0.30R>S	90 - 110	X511070 - X5C0117-01	11-Mar-25	M4

Quality Control - MATRIX SPIKE DUPLICATE Data

Method	Analyte	Units	MSD Result	Spike Result	Spike Level	RPD	RPD Limit	% Recovery	Batch and Source ID	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	Calcium	mg/L	41.2	41.1	20.0	0.3	20	102	X511128 - X5C0117-01	
EPA 200.7	Magnesium	mg/L	39.8	39.5	20.0	0.8	20	104	X511128 - X5C0117-01	
EPA 200.7	Potassium	mg/L	22.7	22.4	20.0	1.2	20	104	X511128 - X5C0117-01	

SVL holds the following certifications:
AZ:0538, **ID**:ID00019, **NV**:ID000192007A, **UT**(**TNI**):ID000192015-1, **WA**:C573

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 2024
Work Order: **X5C0118**
Reported: 25-Mar-25 13:14

Quality Control - MATRIX SPIKE DUPLICATE Data (Continued)

Method	Analyte	Units	MSD Result	Spike Result	Spike Level	RPD	RPD Limit	% Recovery	Batch and Source ID	Notes
Metals (Dissolved)										
EPA 200.7	Aluminum	mg/L	0.876	0.873	1.00	0.4	20	87.6	X511228 - X5C0098-01	
EPA 200.7	Barium	mg/L	0.973	0.965	1.00	0.8	20	94.9	X511228 - X5C0098-01	
EPA 200.7	Beryllium	mg/L	0.907	0.908	1.00	0.1	20	90.7	X511228 - X5C0098-01	
EPA 200.7	Boron	mg/L	0.963	0.958	1.00	0.5	20	93.8	X511228 - X5C0098-01	
EPA 200.7	Cadmium	mg/L	0.934	0.931	1.00	0.3	20	93.4	X511228 - X5C0098-01	
EPA 200.7	Calcium	mg/L	153	153	20.0	0.2	20	107	X511228 - X5C0098-01	
EPA 200.7	Chromium	mg/L	0.943	0.948	1.00	0.5	20	94.3	X511228 - X5C0098-01	
EPA 200.7	Cobalt	mg/L	0.898	0.892	1.00	0.7	20	89.8	X511228 - X5C0098-01	
EPA 200.7	Copper	mg/L	1.22	1.22	1.00	0.0	20	91.9	X511228 - X5C0098-01	
EPA 200.7	Iron	mg/L	9.34	9.20	10.0	1.5	20	93.4	X511228 - X5C0098-01	
EPA 200.7	Lead	mg/L	0.944	0.942	1.00	0.2	20	94.4	X511228 - X5C0098-01	
EPA 200.7	Lithium	mg/L	0.977	0.971	1.00	0.6	20	94.4	X511228 - X5C0098-01	
EPA 200.7	Magnesium	mg/L	37.3	36.7	20.0	1.6	20	95.7	X511228 - X5C0098-01	
EPA 200.7	Manganese	mg/L	0.941	0.939	1.00	0.2	20	93.7	X511228 - X5C0098-01	
EPA 200.7	Molybdenum	mg/L	0.969	0.965	1.00	0.4	20	95.3	X511228 - X5C0098-01	
EPA 200.7	Nickel	mg/L	0.915	0.916	1.00	0.1	20	91.5	X511228 - X5C0098-01	
EPA 200.7	Potassium	mg/L	21.1	20.8	20.0	1.5	20	93.9	X511228 - X5C0098-01	
EPA 200.7	Silver	mg/L	0.0459	0.0461	0.0500	0.3	20	91.9	X511228 - X5C0098-01	
EPA 200.7	Sodium	mg/L	44.9	44.5	19.0	0.9	20	94.4	X511228 - X5C0098-01	
EPA 200.7	Vanadium	mg/L	0.950	0.942	1.00	0.8	20	94.6	X511228 - X5C0098-01	
EPA 200.7	Zinc	mg/L	0.984	0.976	1.00	0.9	20	90.5	X511228 - X5C0098-01	
EPA 200.8	Antimony	mg/L	0.0280	0.0280	0.0250	0.1	20	112	X511108 - X5C0040-01	
EPA 200.8	Arsenic	mg/L	0.0269	0.0276	0.0250	2.4	20	108	X511108 - X5C0040-01	
EPA 200.8	Selenium	mg/L	0.0279	0.0277	0.0250	0.5	20	111	X511108 - X5C0040-01	
EPA 200.8	Thallium	mg/L	0.0259	0.0257	0.0250	0.9	20	104	X511108 - X5C0040-01	
EPA 200.8	Uranium	mg/L	0.0303	0.0302	0.0250	0.2	20	108	X511108 - X5C0040-01	
Metals (Filtered)										
EPA 245.1	Mercury	mg/L	0.00208	0.00209	0.00200	0.3	20	104	X511242 - X5C0117-01	
Classical Chemistry Parameters										
ASTM D7237-15A	Cyanide (free) @ pH 6	mg/L	0.107	0.105	0.100	2.0	11	107	X511095 - X5C0029-02	
EPA 335.4	Cyanide (total)	mg/L	0.0932	0.0900	0.100	3.5	20	93.2	X512005 - X5C0117-02	
EPA 350.1	Ammonia as N	mg/L	1.08	1.07	1.00	1.1	20	104	X511156 - X5C0117-01	
OIA 1677	Cyanide (WAD)	mg/L	0.0926	0.0968	0.100	4.4	11	92.6	X512153 - X5C0117-02	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	4.50	4.36	3.00	3.1	20	100	X511070 - X5C0117-01	
EPA 300.0	Fluoride	mg/L	2.29	2.18	2.00	4.8	20	101	X511070 - X5C0117-01	
EPA 300.0	Nitrate as N	mg/L	1.97	1.87	2.00	5.0	20	98.4	X511070 - X5C0117-01	
EPA 300.0	Nitrate+Nitrite as N	mg/L	4.01	3.85	4.00	4.1	20	100	X511070 - X5C0117-01	
EPA 300.0	Nitrite as N	mg/L	2.05	1.98	2.00	3.3	20	102	X511070 - X5C0117-01	
EPA 300.0	Sulfate as SO4	mg/L	194	194	10.0	0.1	20	0.30R>S	X511070 - X5C0117-01	M4

One Government Gulch - PO Box 929
Kellogg, ID 83837-0929
(208) 784-1258
www.svl.net

Newmont - Cripple Creek & Victor	**Project Name: Cripple Creek/Victor Water and Soil 2024**
Post Office Box 191	Work Order: **X5C0118**
Victor, CO 80860	Reported: 25-Mar-25 13:14

Notes and Definitions

H5	This test is specified to be performed in the field within 15 minutes of sampling; sample was received and analyzed past the regulatory holding time.
M4	The analysis of the spiked sample required a dilution such that the spike recovery calculation does not provide useful information. 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

One Government Gulch - PO Box 929
Kellogg, ID 83837-0929
(208) 784-1258
www.svl.net

Newmont - Cripple Creek & Victor	**Project Name: Cripple Creek/Victor Water and Soil 2024**
Post Office Box 191	Work Order: **X5C0190**
Victor, CO 80860	Reported: 27-Mar-25 12:23

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received	Notes
PGMW-3	X5C0190-01	Ground Water	12-Mar-25 09:00	TR	13-Mar-2025	Q6
CRMW-3C	X5C0190-02	Ground Water	12-Mar-25 12:25	TR	13-Mar-2025	Q6

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.

(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: 8.1°C)

Labnumber	Container	Client ID	Labnumber	Container	Client ID
X5C0190-01 A	Raw HDPE	PGMW-3	X5C0190-01 B	Sulfuric HDPE	PGMW-3
X5C0190-01 C	Filtered nitric HDPE	PGMW-3	X5C0190-01 D	Nitric HDPE	PGMW-3
X5C0190-01 E	NaOH Amber Plastic	PGMW-3	X5C0190-02 A	Raw HDPE	CRMW-3C
X5C0190-02 B	Sulfuric HDPE	CRMW-3C	X5C0190-02 C	Filtered nitric HDPE	CRMW-3C
X5C0190-02 D	Nitric HDPE	CRMW-3C	X5C0190-02 E	NaOH Amber Plastic	CRMW-3C

Case Narrative: X5C0190

The state of origin only accredits for drinking water analyses.

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

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 2024
Work Order: **X5C0190**
Reported: 27-Mar-25 12:23

Client Sample ID: **PGMW-3**
SVL Sample ID: **X5C0190-01 (Ground Water)**

Sampled: 12-Mar-25 09:00
Received: 13-Mar-25
Sampled By: TR

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	148	mg/L	0.100	0.069		X512174	SJN	03/21/25 12:24	
EPA 200.7	**Magnesium**	56.1	mg/L	0.500	0.090		X512174	SJN	03/21/25 12:24	
EPA 200.7	**Potassium**	5.67	mg/L	0.50	0.18		X512174	SJN	03/21/25 12:24	
SM 2340 B	**Hardness (as CaCO3)**	600	mg/L	2.31	0.543		N/A		03/27/25 08:59	
Metals (Dissolved)										
EPA 200.7	**Aluminum**	27.1	mg/L	0.080	0.054		X511232	NMS	03/27/25 08:59	
EPA 200.7	**Barium**	0.0164	mg/L	0.0020	0.0019		X511232	NMS	03/27/25 08:59	
EPA 200.7	**Beryllium**	0.00397	mg/L	0.00200	0.00080		X511232	NMS	03/27/25 08:59	
EPA 200.7	Boron	< 0.0400	mg/L	0.0400	0.0078		X511232	NMS	03/27/25 08:59	
EPA 200.7	**Cadmium**	0.0401	mg/L	0.0020	0.0016		X511232	NMS	03/27/25 08:59	
EPA 200.7	**Calcium**	139	mg/L	0.100	0.069		X511232	NMS	03/27/25 08:59	
EPA 200.7	**Chromium**	0.0136	mg/L	0.0060	0.0020		X511232	NMS	03/27/25 08:59	
EPA 200.7	**Cobalt**	0.126	mg/L	0.0060	0.0046		X511232	NMS	03/27/25 08:59	
EPA 200.7	**Copper**	0.0708	mg/L	0.0100	0.0027		X511232	NMS	03/27/25 08:59	
EPA 200.7	**Iron**	0.773	mg/L	0.100	0.056		X511232	NMS	03/27/25 08:59	
EPA 200.7	Lead	< 0.0075	mg/L	0.0075	0.0049		X511232	NMS	03/27/25 08:59	
EPA 200.7	Lithium	< 0.040	mg/L	0.040	0.025		X511232	NMS	03/27/25 08:59	
EPA 200.7	**Magnesium**	45.9	mg/L	0.500	0.090		X511232	NMS	03/27/25 08:59	
EPA 200.7	**Manganese**	15.8	mg/L	0.0080	0.0034		X511232	NMS	03/27/25 08:59	
EPA 200.7	Molybdenum	< 0.0080	mg/L	0.0080	0.0034		X511232	NMS	03/27/25 08:59	
EPA 200.7	**Nickel**	0.169	mg/L	0.0100	0.0048		X511232	NMS	03/27/25 08:59	
EPA 200.7	**Potassium**	5.40	mg/L	0.50	0.18		X511232	NMS	03/27/25 08:59	
EPA 200.7	Silver	< 0.0050	mg/L	0.0050	0.0019		X511232	NMS	03/27/25 08:59	
EPA 200.7	**Sodium**	21.3	mg/L	0.50	0.12		X511232	NMS	03/27/25 08:59	
EPA 200.7	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X511232	NMS	03/27/25 08:59	
EPA 200.7	**Zinc**	2.05	mg/L	0.0100	0.0054		X511232	NMS	03/27/25 08:59	
EPA 200.8	Antimony	< 0.00100	mg/L	0.00100	0.00072		X512185	JRR	03/26/25 12:16	
EPA 200.8	**Arsenic**	0.00461	mg/L	0.00100	0.00021		X512185	JRR	03/26/25 12:16	
EPA 200.8	Selenium	< 0.00100	mg/L	0.00100	0.00024		X512185	JRR	03/26/25 12:16	
EPA 200.8	Thallium	< 0.000200	mg/L	0.000200	0.00008		X512185	JRR	03/26/25 12:16	
EPA 200.8	**Uranium**	0.0671	mg/L	0.000100	0.000052		X512185	JRR	03/26/25 12:16	
Metals (Filtered)										
EPA 245.1	Mercury	< 0.000200	mg/L	0.000200	0.000093		X511242	SJN	03/24/25 17:27	
Classical Chemistry Parameters										
ASTM D7237-15A	Cyanide (free) @ pH 6	< 0.0050	mg/L	0.0050	0.0048		X512053	JPM	03/19/25 12:56	
EPA 335.4	Cyanide (total)	< 0.0050	mg/L	0.0050	0.0038		X512005	DD	03/18/25 15:26	
EPA 350.1	**Ammonia as N**	0.397	mg/L	0.030	0.013		X512057	DD	03/19/25 15:06	
OIA 1677	Cyanide (WAD)	< 0.0050	mg/L	0.0050	0.0010		X512153	JPM	03/24/25 11:27	
SM 2310 B	**Acidity to pH 8.3**	105	mg/L as CaCO3	10.0			X512169	MWD	03/20/25 11:49	
SM 2320 B	Total Alkalinity	< 1.0	mg/L as CaCO3	1.0			X511219	MWD	03/14/25 15:52	
SM 2320 B	Bicarbonate	< 1.0	mg/L as CaCO3	1.0			X511219	MWD	03/14/25 15:52	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO3	1.0			X511219	MWD	03/14/25 15:52	
SM 2320 B	Hydroxide	< 1.0	mg/L as CaCO3	1.0			X511219	MWD	03/14/25 15:52	
SM 2540 C	**Total Diss. Solids**	992	mg/L	10			X511209	TJL	03/17/25 13:30	
SM 2540 D	**Total Susp. Solids**	19.0	mg/L	5.0			X511210	TJL	03/17/25 14:10	R2B
SM 4500 H B	**pH @18.4°C**	4.5	pH Units				X511219	MWD	03/14/25 15:52	H5

SVL holds the following certifications:
AZ:0538, **ID**:ID00019, **NV**:ID000192007A, **UT(TNI)**:ID000192015-1, **WA**:C573

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 2024
Work Order: **X5C0190**
Reported: 27-Mar-25 12:23

Client Sample ID: **PGMW-3**
SVL Sample ID: **X5C0190-01 (Ground Water)**

Sampled: 12-Mar-25 09:00
Received: 13-Mar-25
Sampled By: TR

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Anions by Ion Chromatography										
EPA 300.0	**Chloride**	49.3	mg/L	10.0	1.10	50	X511189	RS	03/13/25 19:40	
EPA 300.0	**Fluoride**	3.28	mg/L	0.100	0.017		X511189	RS	03/13/25 19:24	
EPA 300.0	**Nitrate as N**	4.44	mg/L	0.050	0.013		X511189	RS	03/13/25 19:24	
EPA 300.0	**Nitrate+Nitrite as N**	4.94	mg/L	0.100	0.044		X511189	RS	03/13/25 19:24	
EPA 300.0	**Nitrite as N**	0.503	mg/L	0.050	0.031		X511189	RS	03/13/25 19:24	
EPA 300.0	**Sulfate as SO4**	584	mg/L	15.0	9.00	50	X511189	RS	03/13/25 19:40	
Cation/Anion Balance and TDS Ratios										

Cation Sum: 13.9 meq/L Anion Sum: 14.1 meq/L C/A Balance: -0.77 % Calculated TDS: 880 TDS/cTDS: 1.13

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

Kristi A. Groth

Kristi A. Groth
Project Manager

SVL holds the following certifications:
AZ:0538, **ID**:ID00019, **NV**:ID000192007A, **UT**(**TNI**):ID000192015-1, **WA**:C573

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 2024
Work Order: **X5C0190**
Reported: 27-Mar-25 12:23

Client Sample ID: **CRMW-3C**
SVL Sample ID: **X5C0190-02 (Ground Water)**

Sampled: 12-Mar-25 12:25
Received: 13-Mar-25
Sampled By: TR

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	269	mg/L	0.100	0.069		X512174	SJN	03/21/25 12:28	
EPA 200.7	**Magnesium**	57.9	mg/L	0.500	0.090		X512174	SJN	03/21/25 12:28	
EPA 200.7	**Potassium**	7.01	mg/L	0.50	0.18		X512174	SJN	03/21/25 12:28	
SM 2340 B	**Hardness (as CaCO3)**	911	mg/L	2.31	0.543		N/A		03/27/25 09:03	
Metals (Dissolved)										
EPA 200.7	**Aluminum**	0.418	mg/L	0.080	0.054		X511232	NMS	03/27/25 09:03	
EPA 200.7	**Barium**	0.0114	mg/L	0.0020	0.0019		X511232	NMS	03/27/25 09:03	
EPA 200.7	Beryllium	< 0.00200	mg/L	0.00200	0.00080		X511232	NMS	03/27/25 09:03	
EPA 200.7	**Boron**	0.0716	mg/L	0.0400	0.0078		X511232	NMS	03/27/25 09:03	
EPA 200.7	**Cadmium**	0.0042	mg/L	0.0020	0.0016		X511232	NMS	03/27/25 09:03	
EPA 200.7	**Calcium**	263	mg/L	0.100	0.069		X511232	NMS	03/27/25 09:03	
EPA 200.7	Chromium	< 0.0060	mg/L	0.0060	0.0020		X511232	NMS	03/27/25 09:03	
EPA 200.7	**Cobalt**	0.0342	mg/L	0.0060	0.0046		X511232	NMS	03/27/25 09:03	
EPA 200.7	Copper	< 0.0100	mg/L	0.0100	0.0027		X511232	NMS	03/27/25 09:03	
EPA 200.7	**Iron**	0.123	mg/L	0.100	0.056		X511232	NMS	03/27/25 09:03	
EPA 200.7	Lead	< 0.0075	mg/L	0.0075	0.0049		X511232	NMS	03/27/25 09:03	
EPA 200.7	**Lithium**	0.077	mg/L	0.040	0.025		X511232	NMS	03/27/25 09:03	
EPA 200.7	**Magnesium**	53.1	mg/L	0.500	0.090		X511232	NMS	03/27/25 09:03	
EPA 200.7	**Manganese**	3.42	mg/L	0.0080	0.0034		X511232	NMS	03/27/25 09:03	
EPA 200.7	Molybdenum	< 0.0080	mg/L	0.0080	0.0034		X511232	NMS	03/27/25 09:03	
EPA 200.7	**Nickel**	0.0168	mg/L	0.0100	0.0048		X511232	NMS	03/27/25 09:03	
EPA 200.7	**Potassium**	7.02	mg/L	0.50	0.18		X511232	NMS	03/27/25 09:03	
EPA 200.7	Silver	< 0.0050	mg/L	0.0050	0.0019		X511232	NMS	03/27/25 09:03	
EPA 200.7	**Sodium**	67.2	mg/L	0.50	0.12		X511232	NMS	03/27/25 09:03	
EPA 200.7	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X511232	NMS	03/27/25 09:03	
EPA 200.7	**Zinc**	0.229	mg/L	0.0100	0.0054		X511232	NMS	03/27/25 09:03	
EPA 200.8	Antimony	< 0.00200	mg/L	0.00200	0.00144	2	X512185	JRR	03/26/25 12:40	D20
EPA 200.8	Arsenic	< 0.00200	mg/L	0.00200	0.00042	2	X512185	JRR	03/26/25 12:40	D20
EPA 200.8	Selenium	< 0.00200	mg/L	0.00200	0.00048	2	X512185	JRR	03/26/25 12:40	D20
EPA 200.8	Thallium	< 0.000400	mg/L	0.000400	0.000160	2	X512185	JRR	03/26/25 12:40	D20
EPA 200.8	**Uranium**	0.0298	mg/L	0.000200	0.000104	2	X512185	JRR	03/26/25 12:40	D20
Metals (Filtered)										
EPA 245.1	Mercury	< 0.000200	mg/L	0.000200	0.000093		X511242	SJN	03/24/25 17:29	
Classical Chemistry Parameters										
ASTM D7237-15A	Cyanide (free) @ pH 6	< 0.0050	mg/L	0.0050	0.0048		X512053	JPM	03/19/25 10:23	
EPA 335.4	Cyanide (total)	< 0.0050	mg/L	0.0050	0.0038		X512005	DD	03/18/25 15:29	
EPA 350.1	**Ammonia as N**	0.033	mg/L	0.030	0.013		X512057	DD	03/19/25 15:08	
OIA 1677	Cyanide (WAD)	< 0.0050	mg/L	0.0050	0.0010		X512153	JPM	03/24/25 11:30	
SM 2310 B	**Acidity to pH 8.3**	-165	mg/L as CaCO3	10.0			X512169	MWD	03/20/25 11:49	
SM 2320 B	**Total Alkalinity**	164	mg/L as CaCO3	1.0			X511219	MWD	03/14/25 15:57	
SM 2320 B	**Bicarbonate**	164	mg/L as CaCO3	1.0			X511219	MWD	03/14/25 15:57	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO3	1.0			X511219	MWD	03/14/25 15:57	
SM 2320 B	Hydroxide	< 1.0	mg/L as CaCO3	1.0			X511219	MWD	03/14/25 15:57	
SM 2540 C	**Total Diss. Solids**	1530	mg/L	10			X511209	TJL	03/17/25 13:30	
SM 2540 D	Total Susp. Solids	< 5.0	mg/L	5.0			X511210	TJL	03/17/25 14:10	
SM 4500 H B	**pH @18.4°C**	7.2	pH Units				X511219	MWD	03/14/25 15:57	H5

SVL holds the following certifications:
AZ:0538, **ID**:ID00019, **NV**:ID000192007A, **UT**(**TNI**):ID000192015-1, **WA**:C573

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 2024
Work Order: **X5C0190**
Reported: 27-Mar-25 12:23

Client Sample ID: **CRMW-3C**
SVL Sample ID: **X5C0190-02 (Ground Water)**

Sampled: 12-Mar-25 12:25
Received: 13-Mar-25
Sampled By: TR

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Anions by Ion Chromatography										
EPA 300.0	**Chloride**	173	mg/L	10.0	1.10	50	X511189	RS	03/13/25 20:12	
EPA 300.0	**Fluoride**	2.61	mg/L	0.100	0.017		X511189	RS	03/13/25 19:56	
EPA 300.0	Nitrate as N	< 0.050	mg/L	0.050	0.013		X511189	RS	03/13/25 19:56	
EPA 300.0	Nitrate+Nitrite as N	< 0.100	mg/L	0.100	0.044		X511189	RS	03/13/25 19:56	
EPA 300.0	Nitrite as N	< 0.050	mg/L	0.050	0.031		X511189	RS	03/13/25 19:56	
EPA 300.0	**Sulfate as SO4**	649	mg/L	15.0	9.00	50	X511189	RS	03/13/25 20:12	

Cation/Anion Balance and TDS Ratios

Cation Sum: 20.8 meq/L Anion Sum: 21.8 meq/L C/A Balance: -2.39 % Calculated TDS: 1319 TDS/cTDS: 1.16

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
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 2024
Work Order: **X5C0190**
Reported: 27-Mar-25 12:23

Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)								
EPA 200.7	Calcium	mg/L	<0.100	0.069	0.100	X512174	21-Mar-25	
EPA 200.7	Magnesium	mg/L	<0.500	0.090	0.500	X512174	21-Mar-25	
EPA 200.7	Potassium	mg/L	<0.50	0.18	0.50	X512174	21-Mar-25	
Metals (Dissolved)								
EPA 200.7	Aluminum	mg/L	<0.080	0.054	0.080	X511232	27-Mar-25	
EPA 200.7	Barium	mg/L	<0.0020	0.0019	0.0020	X511232	27-Mar-25	
EPA 200.7	Beryllium	mg/L	<0.00200	0.00080	0.00200	X511232	27-Mar-25	
EPA 200.7	Boron	mg/L	<0.0400	0.0078	0.0400	X511232	27-Mar-25	
EPA 200.7	Cadmium	mg/L	<0.0020	0.0016	0.0020	X511232	27-Mar-25	
EPA 200.7	Calcium	mg/L	<0.100	0.069	0.100	X511232	27-Mar-25	
EPA 200.7	Chromium	mg/L	<0.0060	0.0020	0.0060	X511232	27-Mar-25	
EPA 200.7	Cobalt	mg/L	<0.0060	0.0046	0.0060	X511232	27-Mar-25	
EPA 200.7	Copper	mg/L	<0.0100	0.0027	0.0100	X511232	27-Mar-25	
EPA 200.7	Iron	mg/L	<0.100	0.056	0.100	X511232	27-Mar-25	
EPA 200.7	Lead	mg/L	<0.0075	0.0049	0.0075	X511232	27-Mar-25	
EPA 200.7	Lithium	mg/L	<0.040	0.025	0.040	X511232	27-Mar-25	
EPA 200.7	Magnesium	mg/L	<0.500	0.090	0.500	X511232	27-Mar-25	
EPA 200.7	Manganese	mg/L	<0.0080	0.0034	0.0080	X511232	27-Mar-25	
EPA 200.7	Molybdenum	mg/L	<0.0080	0.0034	0.0080	X511232	27-Mar-25	
EPA 200.7	Nickel	mg/L	<0.0100	0.0048	0.0100	X511232	27-Mar-25	
EPA 200.7	Potassium	mg/L	<0.50	0.18	0.50	X511232	27-Mar-25	
EPA 200.7	Silver	mg/L	<0.0050	0.0019	0.0050	X511232	27-Mar-25	
EPA 200.7	Sodium	mg/L	<0.50	0.12	0.50	X511232	27-Mar-25	
EPA 200.7	Vanadium	mg/L	<0.0050	0.0019	0.0050	X511232	27-Mar-25	
EPA 200.7	Zinc	mg/L	<0.0100	0.0054	0.0100	X511232	27-Mar-25	
EPA 200.8	Antimony	mg/L	<0.00100	0.00072	0.00100	X512185	26-Mar-25	
EPA 200.8	Arsenic	mg/L	<0.00100	0.00021	0.00100	X512185	26-Mar-25	
EPA 200.8	Selenium	mg/L	<0.00100	0.00024	0.00100	X512185	26-Mar-25	
EPA 200.8	Thallium	mg/L	<0.000200	0.00008	0.000200	X512185	26-Mar-25	
EPA 200.8	Uranium	mg/L	<0.000100	0.000052	0.000100	X512185	26-Mar-25	
Metals (Filtered)								
EPA 245.1	Mercury	mg/L	<0.000200	0.000093	0.000200	X511242	24-Mar-25	
Classical Chemistry Parameters								
ASTM D7237-15A	Cyanide (free) @ pH 6	mg/L	<0.0050	0.0048	0.0050	X512053	19-Mar-25	
EPA 335.4	Cyanide (total)	mg/L	<0.0050	0.0038	0.0050	X512005	18-Mar-25	
EPA 350.1	Ammonia as N	mg/L	<0.030	0.013	0.030	X512057	19-Mar-25	
OIA 1677	Cyanide (WAD)	mg/L	<0.0050	0.0010	0.0050	X512153	24-Mar-25	
SM 2310 B	Acidity to pH 8.3	mg/L as CaCO3	<10.0		10.0	X512169	20-Mar-25	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	<1.0		1.0	X511219	14-Mar-25	
SM 2320 B	Bicarbonate	mg/L as CaCO3	<1.0		1.0	X511219	14-Mar-25	
SM 2320 B	Carbonate	mg/L as CaCO3	<1.0		1.0	X511219	14-Mar-25	
SM 2320 B	Hydroxide	mg/L as CaCO3	<1.0		1.0	X511219	14-Mar-25	
SM 2540 C	Total Diss. Solids	mg/L	<10		10	X511209	17-Mar-25	
SM 2540 D	Total Susp. Solids	mg/L	<5.0		5.0	X511210	17-Mar-25	
Anions by Ion Chromatography								
EPA 300.0	Chloride	mg/L	<0.20	0.02	0.20	X511189	13-Mar-25	
EPA 300.0	Fluoride	mg/L	<0.100	0.017	0.100	X511189	13-Mar-25	
EPA 300.0	Nitrate as N	mg/L	<0.050	0.013	0.050	X511189	13-Mar-25	
EPA 300.0	Nitrate+Nitrite as N	mg/L	<0.100	0.044	0.100	X511189	13-Mar-25	
EPA 300.0	Nitrite as N	mg/L	<0.050	0.031	0.050	X511189	13-Mar-25	
EPA 300.0	Sulfate as SO4	mg/L	<0.30	0.18	0.30	X511189	13-Mar-25	

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 2024
Work Order: **X5C0190**
Reported: 27-Mar-25 12:23

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	18.5	20.0	92	85 - 115	X512174	21-Mar-25	
EPA 200.7	Magnesium	mg/L	18.3	20.0	91.6	85 - 115	X512174	21-Mar-25	
EPA 200.7	Potassium	mg/L	19.1	20.0	95.4	85 - 115	X512174	21-Mar-25	
Metals (Dissolved)									
EPA 200.7	Aluminum	mg/L	0.922	1.00	92.2	85 - 115	X511232	27-Mar-25	
EPA 200.7	Barium	mg/L	0.983	1.00	98.3	85 - 115	X511232	27-Mar-25	
EPA 200.7	Beryllium	mg/L	0.998	1.00	99.8	85 - 115	X511232	27-Mar-25	
EPA 200.7	Boron	mg/L	0.998	1.00	99.8	85 - 115	X511232	27-Mar-25	
EPA 200.7	Cadmium	mg/L	0.971	1.00	97.1	85 - 115	X511232	27-Mar-25	
EPA 200.7	Calcium	mg/L	19.0	20.0	94.8	85 - 115	X511232	27-Mar-25	
EPA 200.7	Chromium	mg/L	0.984	1.00	98.4	85 - 115	X511232	27-Mar-25	
EPA 200.7	Cobalt	mg/L	0.962	1.00	96.2	85 - 115	X511232	27-Mar-25	
EPA 200.7	Copper	mg/L	0.971	1.00	97.1	85 - 115	X511232	27-Mar-25	
EPA 200.7	Iron	mg/L	9.41	10.0	94.1	85 - 115	X511232	27-Mar-25	
EPA 200.7	Lead	mg/L	0.972	1.00	97.2	85 - 115	X511232	27-Mar-25	
EPA 200.7	Lithium	mg/L	0.969	1.00	96.9	85 - 115	X511232	27-Mar-25	
EPA 200.7	Magnesium	mg/L	18.6	20.0	93.1	85 - 115	X511232	27-Mar-25	
EPA 200.7	Manganese	mg/L	0.985	1.00	98.5	85 - 115	X511232	27-Mar-25	
EPA 200.7	Molybdenum	mg/L	0.999	1.00	99.9	85 - 115	X511232	27-Mar-25	
EPA 200.7	Nickel	mg/L	0.950	1.00	95.0	85 - 115	X511232	27-Mar-25	
EPA 200.7	Potassium	mg/L	19.9	20.0	99.3	85 - 115	X511232	27-Mar-25	
EPA 200.7	Silver	mg/L	0.0483	0.0500	96.7	85 - 115	X511232	27-Mar-25	
EPA 200.7	Sodium	mg/L	18.2	19.0	96.0	85 - 115	X511232	27-Mar-25	
EPA 200.7	Vanadium	mg/L	0.998	1.00	99.8	85 - 115	X511232	27-Mar-25	
EPA 200.7	Zinc	mg/L	0.968	1.00	96.8	85 - 115	X511232	27-Mar-25	
EPA 200.8	Antimony	mg/L	0.0242	0.0250	96.9	85 - 115	X512185	26-Mar-25	
EPA 200.8	Arsenic	mg/L	0.0236	0.0250	94.5	85 - 115	X512185	26-Mar-25	
EPA 200.8	Selenium	mg/L	0.0219	0.0250	87.6	85 - 115	X512185	26-Mar-25	
EPA 200.8	Thallium	mg/L	0.0238	0.0250	95.0	85 - 115	X512185	26-Mar-25	
EPA 200.8	Uranium	mg/L	0.0256	0.0250	102	85 - 115	X512185	26-Mar-25	
Metals (Filtered)									
EPA 245.1	Mercury	mg/L	0.00205	0.00200	103	85 - 115	X511242	24-Mar-25	
Classical Chemistry Parameters									
ASTM D7237-15A	Cyanide (free) @ pH 6	mg/L	0.104	0.100	104	90 - 110	X512053	19-Mar-25	
EPA 335.4	Cyanide (total)	mg/L	0.0907	0.100	90.7	90 - 110	X512005	18-Mar-25	
EPA 350.1	Ammonia as N	mg/L	0.992	1.00	99.2	90 - 110	X512057	19-Mar-25	
OIA 1677	Cyanide (WAD)	mg/L	0.105	0.100	105	90 - 110	X512153	24-Mar-25	
SM 2310 B	Acidity to pH 8.3	mg/L as CaCO3	722	706	102	95.4 - 104	X512169	20-Mar-25	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	9.70	9.93	97.7	94 - 106	X511219	14-Mar-25	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	100	99.3	101	94 - 106	X511219	14-Mar-25	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	401	397	101	94 - 106	X511219	14-Mar-25	
SM 2540 D	Total Susp. Solids	mg/L	10.0	10.0	100	85 - 115	X511210	17-Mar-25	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	2.95	3.00	98.2	90 - 110	X511189	13-Mar-25	
EPA 300.0	Fluoride	mg/L	1.97	2.00	98.5	90 - 110	X511189	13-Mar-25	
EPA 300.0	Nitrate as N	mg/L	1.94	2.00	97.2	90 - 110	X511189	13-Mar-25	
EPA 300.0	Nitrate+Nitrite as N	mg/L	4.49	4.50	99.8	90 - 110	X511189	13-Mar-25	
EPA 300.0	Nitrite as N	mg/L	2.55	2.50	102	90 - 110	X511189	13-Mar-25	
EPA 300.0	Sulfate as SO4	mg/L	9.53	10.0	95.3	90 - 110	X511189	13-Mar-25	

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 2024
Work Order: **X5C0190**
Reported: 27-Mar-25 12:23

Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch and Source ID	Analyzed	Notes
Classical Chemistry Parameters									
SM 2310 B	Acidity to pH 8.3	mg/L as CaCO3	<10.0	<10.0	UDL	20	X512169 - X5C0144-01	20-Mar-25	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	76.0	77.2	1.6	20	X511219 - X5C0118-01	14-Mar-25	
SM 2320 B	Bicarbonate	mg/L as CaCO3	76.0	77.2	1.6	20	X511219 - X5C0118-01	14-Mar-25	
SM 2320 B	Carbonate	mg/L as CaCO3	<1.0	<1.0	UDL	20	X511219 - X5C0118-01	14-Mar-25	
SM 2320 B	Hydroxide	mg/L as CaCO3	<1.0	<1.0	UDL	20	X511219 - X5C0118-01	14-Mar-25	
SM 2540 C	Total Diss. Solids	mg/L	634	660	4.0	10	X511209 - X5C0186-02	17-Mar-25	
SM 2540 C	Total Diss. Solids	mg/L	990	992	0.2	10	X511209 - X5C0190-01	17-Mar-25	
SM 2540 D	Total Susp. Solids	mg/L	17.0	19.0	11.1	10	X511210 - X5C0190-01	17-Mar-25	R2B
SM 4500 H B	pH @17.4°C	pH Units	6.1	6.2	1.1	20	X511219 - X5C0118-01	14-Mar-25	

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
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	Calcium	mg/L	302	273	20.0	0.30R>S	70 - 130	X512174 - X5C0185-01	21-Mar-25	M3
EPA 200.7	Calcium	mg/L	36.8	18.2	20.0	93	70 - 130	X512174 - X5C0216-05	21-Mar-25	
EPA 200.7	Magnesium	mg/L	81.2	57.9	20.0	116	70 - 130	X512174 - X5C0185-01	21-Mar-25	
EPA 200.7	Magnesium	mg/L	20.3	1.45	20.0	94.4	70 - 130	X512174 - X5C0216-05	21-Mar-25	
EPA 200.7	Potassium	mg/L	27.7	7.07	20.0	103	70 - 130	X512174 - X5C0185-01	21-Mar-25	
EPA 200.7	Potassium	mg/L	19.9	0.68	20.0	96.0	70 - 130	X512174 - X5C0216-05	21-Mar-25	
Metals (Dissolved)										
EPA 200.7	Aluminum	mg/L	0.945	<0.080	1.00	94.5	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Barium	mg/L	1.02	0.0315	1.00	98.4	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Beryllium	mg/L	1.01	<0.00200	1.00	101	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Boron	mg/L	1.04	<0.0400	1.00	102	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Cadmium	mg/L	0.976	<0.0020	1.00	97.6	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Calcium	mg/L	56.2	36.7	20.0	97.6	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Chromium	mg/L	0.994	<0.0060	1.00	99.4	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Cobalt	mg/L	0.959	<0.0060	1.00	95.9	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Copper	mg/L	0.972	<0.0100	1.00	97.2	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Iron	mg/L	9.53	<0.100	10.0	95.3	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Lead	mg/L	0.971	<0.0075	1.00	97.1	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Lithium	mg/L	1.02	<0.040	1.00	102	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Magnesium	mg/L	27.5	8.37	20.0	95.5	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Manganese	mg/L	0.997	0.0085	1.00	98.9	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Molybdenum	mg/L	1.00	<0.0080	1.00	100	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Nickel	mg/L	0.955	<0.0100	1.00	95.5	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Potassium	mg/L	22.0	2.12	20.0	99.3	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Silver	mg/L	0.0495	<0.0050	0.0500	99.1	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Sodium	mg/L	44.4	26.1	19.0	96.2	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Vanadium	mg/L	1.01	<0.0050	1.00	101	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Zinc	mg/L	0.985	<0.0100	1.00	98.5	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.8	Antimony	mg/L	0.0253	<0.00100	0.0250	101	70 - 130	X512185 - X5C0144-01	26-Mar-25	
EPA 200.8	Antimony	mg/L	<0.0500	<0.0500	0.0250	N/A	70 - 130	X512185 - X5C0295-01	26-Mar-25	D20,M4
EPA 200.8	Arsenic	mg/L	0.0255	<0.00100	0.0250	102	70 - 130	X512185 - X5C0144-01	26-Mar-25	
EPA 200.8	Arsenic	mg/L	0.359	0.328	0.0250	123	70 - 130	X512185 - X5C0295-01	26-Mar-25	D20
EPA 200.8	Selenium	mg/L	0.0269	<0.00100	0.0250	106	70 - 130	X512185 - X5C0144-01	26-Mar-25	
EPA 200.8	Selenium	mg/L	<0.0500	<0.0500	0.0250	75.4	70 - 130	X512185 - X5C0295-01	26-Mar-25	D20

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 2024
Work Order: **X5C0190**
Reported: 27-Mar-25 12:23

Quality Control - MATRIX SPIKE Data (Continued)

Method	Analyte	Units	Spike Result	Sample Result (R)	Spike Level (S)	% Rec.	Acceptance Limits	Batch and Source ID	Analyzed	Notes
Metals (Dissolved) (Continued)										
EPA 200.8	Thallium	mg/L	0.0234	<0.000200	0.0250	93.6	70 - 130	X512185 - X5C0144-01	26-Mar-25	
EPA 200.8	Thallium	mg/L	0.0229	<0.0100	0.0250	91.7	70 - 130	X512185 - X5C0295-01	26-Mar-25	D20
EPA 200.8	Uranium	mg/L	0.0310	0.00494	0.0250	104	70 - 130	X512185 - X5C0144-01	26-Mar-25	
EPA 200.8	Uranium	mg/L	3.82	3.75	0.0250	0.30R>S	70 - 130	X512185 - X5C0295-01	26-Mar-25	D20,M4
Metals (Filtered)										
EPA 245.1	Mercury	mg/L	0.00209	<0.000200	0.00200	104	70 - 130	X511242 - X5C0117-01	24-Mar-25	
EPA 245.1	Mercury	mg/L	0.00206	<0.000200	0.00200	103	70 - 130	X511242 - X5C0190-01	24-Mar-25	
Classical Chemistry Parameters										
ASTM D7237-15A	Cyanide (free) @ pH 6	mg/L	0.112	<0.0050	0.100	112	79 - 121	X512053 - X5C0203-06	19-Mar-25	
EPA 335.4	Cyanide (total)	mg/L	0.0900	<0.0050	0.100	90.0	90 - 110	X512005 - X5C0117-02	18-Mar-25	
EPA 335.4	Cyanide (total)	mg/L	0.0952	<0.0050	0.100	95.2	90 - 110	X512005 - X5C0117-01	18-Mar-25	
EPA 350.1	Ammonia as N	mg/L	3.45	2.74	1.00	71.4	90 - 110	X512057 - X5C0125-01	19-Mar-25	M4
EPA 350.1	Ammonia as N	mg/L	4.06	3.43	1.00	0.30R>S	90 - 110	X512057 - X5C0125-02	19-Mar-25	M4
OIA 1677	Cyanide (WAD)	mg/L	0.0968	<0.0050	0.100	96.8	82 - 118	X512153 - X5C0117-02	24-Mar-25	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	10.5	7.46	3.00	103	90 - 110	X511189 - X5C0182-01	13-Mar-25	
EPA 300.0	Chloride	mg/L	13.2	10.5	3.00	90.0	90 - 110	X511189 - X5C0201-03	15-Mar-25	
EPA 300.0	Fluoride	mg/L	2.01	<0.100	2.00	98.7	90 - 110	X511189 - X5C0182-01	13-Mar-25	
EPA 300.0	Fluoride	mg/L	1.97	<0.100	2.00	97.1	90 - 110	X511189 - X5C0201-03	13-Mar-25	
EPA 300.0	Nitrate as N	mg/L	2.24	0.287	2.00	97.7	90 - 110	X511189 - X5C0182-01	13-Mar-25	
EPA 300.0	Nitrate as N	mg/L	2.05	0.134	2.00	95.8	90 - 110	X511189 - X5C0201-03	13-Mar-25	
EPA 300.0	Nitrate+Nitrite as N	mg/L	4.22	0.287	4.00	98.3	90 - 110	X511189 - X5C0182-01	13-Mar-25	
EPA 300.0	Nitrate+Nitrite as N	mg/L	4.05	0.141	4.00	97.6	90 - 110	X511189 - X5C0201-03	13-Mar-25	
EPA 300.0	Nitrite as N	mg/L	1.98	<0.050	2.00	99.0	90 - 110	X511189 - X5C0182-01	13-Mar-25	
EPA 300.0	Nitrite as N	mg/L	2.00	<0.050	2.00	99.8	90 - 110	X511189 - X5C0201-03	13-Mar-25	
EPA 300.0	Sulfate as SO4	mg/L	29.6	19.8	10.0	98.2	90 - 110	X511189 - X5C0182-01	13-Mar-25	
EPA 300.0	Sulfate as SO4	mg/L	30.3	20.6	10.0	97.0	90 - 110	X511189 - X5C0201-03	13-Mar-25	

Quality Control - MATRIX SPIKE DUPLICATE Data

Method	Analyte	Units	MSD Result	Spike Result	Spike Level	RPD	RPD Limit	% Recovery	Batch and Source ID	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	Calcium	mg/L	318	302	20.0	5.0	20	0.30R>S	X512174 - X5C0185-01	M3
EPA 200.7	Magnesium	mg/L	85.8	81.2	20.0	5.5	20	139	X512174 - X5C0185-01	M3
EPA 200.7	Potassium	mg/L	29.0	27.7	20.0	4.7	20	110	X512174 - X5C0185-01	
Metals (Dissolved)										
EPA 200.7	Aluminum	mg/L	0.939	0.945	1.00	0.6	20	93.9	X511232 - X5C0214-01	
EPA 200.7	Barium	mg/L	1.02	1.02	1.00	0.4	20	98.8	X511232 - X5C0214-01	
EPA 200.7	Beryllium	mg/L	1.01	1.01	1.00	0.2	20	101	X511232 - X5C0214-01	
EPA 200.7	Boron	mg/L	1.04	1.04	1.00	0.3	20	101	X511232 - X5C0214-01	
EPA 200.7	Cadmium	mg/L	0.977	0.976	1.00	0.1	20	97.7	X511232 - X5C0214-01	
EPA 200.7	Calcium	mg/L	56.2	56.2	20.0	0.0	20	97.7	X511232 - X5C0214-01	
EPA 200.7	Chromium	mg/L	0.993	0.994	1.00	0.1	20	99.3	X511232 - X5C0214-01	
EPA 200.7	Cobalt	mg/L	0.957	0.959	1.00	0.2	20	95.7	X511232 - X5C0214-01	
EPA 200.7	Copper	mg/L	0.967	0.972	1.00	0.6	20	96.7	X511232 - X5C0214-01	
EPA 200.7	Iron	mg/L	9.56	9.53	10.0	0.3	20	95.6	X511232 - X5C0214-01	
EPA 200.7	Lead	mg/L	0.968	0.971	1.00	0.4	20	96.8	X511232 - X5C0214-01	

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 2024
Work Order: **X5C0190**
Reported: 27-Mar-25 12:23

Quality Control - MATRIX SPIKE DUPLICATE Data (Continued)

Method	Analyte	Units	MSD Result	Spike Result	Spike Level	RPD	RPD Limit	% Recovery	Batch and Source ID	Notes
Metals (Dissolved) (Continued)										
EPA 200.7	Lithium	mg/L	1.01	1.02	1.00	0.6	20	101	X511232 - X5C0214-01	
EPA 200.7	Magnesium	mg/L	27.4	27.5	20.0	0.1	20	95.3	X511232 - X5C0214-01	
EPA 200.7	Manganese	mg/L	0.997	0.997	1.00	0.1	20	98.8	X511232 - X5C0214-01	
EPA 200.7	Molybdenum	mg/L	1.00	1.00	1.00	0.2	20	100	X511232 - X5C0214-01	
EPA 200.7	Nickel	mg/L	0.949	0.955	1.00	0.7	20	94.9	X511232 - X5C0214-01	
EPA 200.7	Potassium	mg/L	22.1	22.0	20.0	0.6	20	99.9	X511232 - X5C0214-01	
EPA 200.7	Silver	mg/L	0.0492	0.0495	0.0500	0.7	20	98.4	X511232 - X5C0214-01	
EPA 200.7	Sodium	mg/L	44.3	44.4	19.0	0.3	20	95.5	X511232 - X5C0214-01	
EPA 200.7	Vanadium	mg/L	1.01	1.01	1.00	0.2	20	101	X511232 - X5C0214-01	
EPA 200.7	Zinc	mg/L	0.980	0.985	1.00	0.6	20	98.0	X511232 - X5C0214-01	
EPA 200.8	Antimony	mg/L	0.0254	0.0253	0.0250	0.3	20	102	X512185 - X5C0144-01	
EPA 200.8	Arsenic	mg/L	0.0257	0.0255	0.0250	0.6	20	103	X512185 - X5C0144-01	
EPA 200.8	Selenium	mg/L	0.0273	0.0269	0.0250	1.4	20	107	X512185 - X5C0144-01	
EPA 200.8	Thallium	mg/L	0.0236	0.0234	0.0250	0.8	20	94.4	X512185 - X5C0144-01	
EPA 200.8	Uranium	mg/L	0.0311	0.0310	0.0250	0.6	20	105	X512185 - X5C0144-01	
Metals (Filtered)										
EPA 245.1	Mercury	mg/L	0.00208	0.00209	0.00200	0.3	20	104	X511242 - X5C0117-01	
Classical Chemistry Parameters										
ASTM D7237-15A	Cyanide (free) @ pH 6	mg/L	0.113	0.112	0.100	0.8	11	113	X512053 - X5C0203-06	
EPA 335.4	Cyanide (total)	mg/L	0.0932	0.0900	0.100	3.5	20	93.2	X512005 - X5C0117-02	
EPA 350.1	Ammonia as N	mg/L	3.38	3.45	1.00	2.3	20	63.6	X512057 - X5C0125-01	M4
OIA 1677	Cyanide (WAD)	mg/L	0.0926	0.0968	0.100	4.4	11	92.6	X512153 - X5C0117-02	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	10.5	10.5	3.00	0.1	20	102	X511189 - X5C0182-01	
EPA 300.0	Fluoride	mg/L	2.01	2.01	2.00	0.3	20	98.4	X511189 - X5C0182-01	
EPA 300.0	Nitrate as N	mg/L	2.24	2.24	2.00	0.2	20	97.5	X511189 - X5C0182-01	
EPA 300.0	Nitrate+Nitrite as N	mg/L	4.22	4.22	4.00	0.1	20	98.2	X511189 - X5C0182-01	
EPA 300.0	Nitrite as N	mg/L	1.98	1.98	2.00	0.0	20	99.0	X511189 - X5C0182-01	
EPA 300.0	Sulfate as SO4	mg/L	29.7	29.6	10.0	0.3	20	99.0	X511189 - X5C0182-01	

One Government Gulch - PO Box 929
Kellogg, ID 83837-0929
(208) 784-1258
www.svl.net

Newmont - Cripple Creek & Victor	**Project Name: Cripple Creek/Victor Water and Soil 2024**
Post Office Box 191	Work Order: **X5C0190**
Victor, CO 80860	Reported: 27-Mar-25 12:23

Notes and Definitions

D20	sample contained high concentration of non target analytes, diluted to mitigate matrix effects
H5	This test is specified to be performed in the field within 15 minutes of sampling; sample was received and analyzed past the regulatory holding time.
M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to spike level. The LCS was acceptable.
M4	The analysis of the spiked sample required a dilution such that the spike recovery calculation does not provide useful information. The LCS recovery was acceptable.
R2B	RPD exceeded the laboratory acceptance limit.
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

One Government Gulch - PO Box 929
Kellogg, ID 83837-0929
(208) 784-1258
www.svl.net

Newmont - Cripple Creek & Victor	**Project Name: Cripple Creek/Victor Water and Soil 2024**
Post Office Box 191	Work Order: **X5C0185**
Victor, CO 80860	Reported: 27-Mar-25 11:23

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received	Notes
CRMW-103H	X5C0185-01	Ground Water	12-Mar-25 12:25	TR	13-Mar-2025	Q6

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: 8.1°C)

Labnumber	Container	Client ID	Labnumber	Container	Client ID
X5C0185-01 A	Raw HDPE	CRMW-103H	X5C0185-01 B	Sulfuric HDPE	CRMW-103H
X5C0185-01 C	Filtered nitric HDPE	CRMW-103H	X5C0185-01 D	Nitric HDPE	CRMW-103H
X5C0185-01 E	NaOH Amber Plastic	CRMW-103H			

Case Narrative: X5C0185

The state of origin only accredits for drinking water analyses.

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

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 2024
Work Order: **X5C0185**
Reported: 27-Mar-25 11:23

Client Sample ID: **CRMW-103H**
SVL Sample ID: **X5C0185-01 (Ground Water)**

Sampled: 12-Mar-25 12:25
Received: 13-Mar-25
Sampled By: TR

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	273	mg/L	0.100	0.069		X512174	SJN	03/21/25 12:20	M3
EPA 200.7	**Magnesium**	57.9	mg/L	0.500	0.090		X512174	SJN	03/21/25 12:20	M3
EPA 200.7	**Potassium**	7.07	mg/L	0.50	0.18		X512174	SJN	03/21/25 12:20	
SM 2340 B	**Hardness (as CaCO3)**	920	mg/L	2.31	0.543		N/A		03/27/25 08:55	
Metals (Dissolved)										
EPA 200.7	**Aluminum**	0.436	mg/L	0.080	0.054		X511232	NMS	03/27/25 08:55	
EPA 200.7	**Barium**	0.0115	mg/L	0.0020	0.0019		X511232	NMS	03/27/25 08:55	
EPA 200.7	Beryllium	< 0.00200	mg/L	0.00200	0.00080		X511232	NMS	03/27/25 08:55	
EPA 200.7	**Boron**	0.0728	mg/L	0.0400	0.0078		X511232	NMS	03/27/25 08:55	
EPA 200.7	**Cadmium**	0.0042	mg/L	0.0020	0.0016		X511232	NMS	03/27/25 08:55	
EPA 200.7	**Calcium**	266	mg/L	0.100	0.069		X511232	NMS	03/27/25 08:55	
EPA 200.7	**Chromium**	0.0214	mg/L	0.0060	0.0020		X511232	NMS	03/27/25 08:55	
EPA 200.7	**Cobalt**	0.0356	mg/L	0.0060	0.0046		X511232	NMS	03/27/25 08:55	
EPA 200.7	Copper	< 0.0100	mg/L	0.0100	0.0027		X511232	NMS	03/27/25 08:55	
EPA 200.7	**Iron**	0.124	mg/L	0.100	0.056		X511232	NMS	03/27/25 08:55	
EPA 200.7	Lead	< 0.0075	mg/L	0.0075	0.0049		X511232	NMS	03/27/25 08:55	
EPA 200.7	**Lithium**	0.081	mg/L	0.040	0.025		X511232	NMS	03/27/25 08:55	
EPA 200.7	**Magnesium**	53.7	mg/L	0.500	0.090		X511232	NMS	03/27/25 08:55	
EPA 200.7	**Manganese**	3.40	mg/L	0.0080	0.0034		X511232	NMS	03/27/25 08:55	
EPA 200.7	Molybdenum	< 0.0080	mg/L	0.0080	0.0034		X511232	NMS	03/27/25 08:55	
EPA 200.7	**Nickel**	0.0223	mg/L	0.0100	0.0048		X511232	NMS	03/27/25 08:55	
EPA 200.7	**Potassium**	6.98	mg/L	0.50	0.18		X511232	NMS	03/27/25 08:55	
EPA 200.7	Silver	< 0.0050	mg/L	0.0050	0.0019		X511232	NMS	03/27/25 08:55	
EPA 200.7	**Sodium**	67.8	mg/L	0.50	0.12		X511232	NMS	03/27/25 08:55	
EPA 200.7	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X511232	NMS	03/27/25 08:55	
EPA 200.7	**Zinc**	0.230	mg/L	0.0100	0.0054		X511232	NMS	03/27/25 08:55	
EPA 200.8	Antimony	< 0.00100	mg/L	0.00100	0.00072		X512185	JRR	03/26/25 12:13	
EPA 200.8	Arsenic	< 0.00100	mg/L	0.00100	0.00021		X512185	JRR	03/26/25 12:13	
EPA 200.8	Selenium	< 0.00100	mg/L	0.00100	0.00024		X512185	JRR	03/26/25 12:13	
EPA 200.8	Thallium	< 0.000200	mg/L	0.000200	0.00008		X512185	JRR	03/26/25 12:13	
EPA 200.8	**Uranium**	0.0317	mg/L	0.000100	0.000052		X512185	JRR	03/26/25 12:13	
Metals (Filtered)										
EPA 245.1	Mercury	< 0.000200	mg/L	0.000200	0.000093		X511243	SJN	03/24/25 18:13	
Classical Chemistry Parameters										
ASTM D7237-15A	Cyanide (free) @ pH 6	< 0.0050	mg/L	0.0050	0.0048		X512053	JPM	03/19/25 10:10	
EPA 335.4	Cyanide (total)	< 0.0050	mg/L	0.0050	0.0038		X512005	DD	03/18/25 15:10	
EPA 350.1	Ammonia as N	< 0.030	mg/L	0.030	0.013		X512057	DD	03/19/25 14:59	
OIA 1677	Cyanide (WAD)	< 0.0050	mg/L	0.0050	0.0010		X512153	JPM	03/24/25 11:25	
SM 2310 B	**Acidity to pH 8.3**	-165	mg/L as CaCO3	10.0			X512169	MWD	03/20/25 11:49	
SM 2320 B	**Total Alkalinity**	164	mg/L as CaCO3	1.0			X511219	MWD	03/14/25 15:47	
SM 2320 B	**Bicarbonate**	164	mg/L as CaCO3	1.0			X511219	MWD	03/14/25 15:47	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO3	1.0			X511219	MWD	03/14/25 15:47	
SM 2320 B	Hydroxide	< 1.0	mg/L as CaCO3	1.0			X511219	MWD	03/14/25 15:47	
SM 2540 C	**Total Diss. Solids**	1330	mg/L	40			X511209	TJL	03/17/25 13:30	
SM 2540 D	**Total Susp. Solids**	5.0	mg/L	5.0			X511210	TJL	03/17/25 14:10	
SM 4500 H B	**pH @18.2°C**	7.2	pH Units				X511219	MWD	03/14/25 15:47	H5

SVL holds the following certifications:
AZ:0538, **ID**:ID00019, **NV**:ID000192007A, **UT**(**TNI**):ID000192015-1, **WA**:C573

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 2024
Work Order: **X5C0185**
Reported: 27-Mar-25 11:23

Client Sample ID: **CRMW-103H**
SVL Sample ID: **X5C0185-01 (Ground Water)**

Sampled: 12-Mar-25 12:25
Received: 13-Mar-25
Sampled By: TR

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Anions by Ion Chromatography										
EPA 300.0	**Chloride**	177	mg/L	10.0	1.10	50	X511189	RS	03/13/25 18:37	
EPA 300.0	**Fluoride**	2.61	mg/L	0.100	0.017		X511189	RS	03/13/25 18:21	
EPA 300.0	Nitrate as N	< 0.050	mg/L	0.050	0.013		X511189	RS	03/13/25 18:21	
EPA 300.0	Nitrate+Nitrite as N	< 0.100	mg/L	0.100	0.044		X511189	RS	03/13/25 18:21	
EPA 300.0	Nitrite as N	< 0.050	mg/L	0.050	0.031		X511189	RS	03/13/25 18:21	
EPA 300.0	**Sulfate as SO4**	665	mg/L	15.0	9.00	50	X511189	RS	03/13/25 18:37	

Cation/Anion Balance and TDS Ratios

Cation Sum: 21.0 meq/L Anion Sum: 22.3 meq/L C/A Balance: -2.86 % Calculated TDS: 1343 TDS/cTDS: 0.99

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
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 2024
Work Order: **X5C0185**
Reported: 27-Mar-25 11:23

Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)								
EPA 200.7	Calcium	mg/L	<0.100	0.069	0.100	X512174	21-Mar-25	
EPA 200.7	Magnesium	mg/L	<0.500	0.090	0.500	X512174	21-Mar-25	
EPA 200.7	Potassium	mg/L	<0.50	0.18	0.50	X512174	21-Mar-25	
Metals (Dissolved)								
EPA 200.7	Aluminum	mg/L	<0.080	0.054	0.080	X511232	27-Mar-25	
EPA 200.7	Barium	mg/L	<0.0020	0.0019	0.0020	X511232	27-Mar-25	
EPA 200.7	Beryllium	mg/L	<0.00200	0.00080	0.00200	X511232	27-Mar-25	
EPA 200.7	Boron	mg/L	<0.0400	0.0078	0.0400	X511232	27-Mar-25	
EPA 200.7	Cadmium	mg/L	<0.0020	0.0016	0.0020	X511232	27-Mar-25	
EPA 200.7	Calcium	mg/L	<0.100	0.069	0.100	X511232	27-Mar-25	
EPA 200.7	Chromium	mg/L	<0.0060	0.0020	0.0060	X511232	27-Mar-25	
EPA 200.7	Cobalt	mg/L	<0.0060	0.0046	0.0060	X511232	27-Mar-25	
EPA 200.7	Copper	mg/L	<0.0100	0.0027	0.0100	X511232	27-Mar-25	
EPA 200.7	Iron	mg/L	<0.100	0.056	0.100	X511232	27-Mar-25	
EPA 200.7	Lead	mg/L	<0.0075	0.0049	0.0075	X511232	27-Mar-25	
EPA 200.7	Lithium	mg/L	<0.040	0.025	0.040	X511232	27-Mar-25	
EPA 200.7	Magnesium	mg/L	<0.500	0.090	0.500	X511232	27-Mar-25	
EPA 200.7	Manganese	mg/L	<0.0080	0.0034	0.0080	X511232	27-Mar-25	
EPA 200.7	Molybdenum	mg/L	<0.0080	0.0034	0.0080	X511232	27-Mar-25	
EPA 200.7	Nickel	mg/L	<0.0100	0.0048	0.0100	X511232	27-Mar-25	
EPA 200.7	Potassium	mg/L	<0.50	0.18	0.50	X511232	27-Mar-25	
EPA 200.7	Silver	mg/L	<0.0050	0.0019	0.0050	X511232	27-Mar-25	
EPA 200.7	Sodium	mg/L	<0.50	0.12	0.50	X511232	27-Mar-25	
EPA 200.7	Vanadium	mg/L	<0.0050	0.0019	0.0050	X511232	27-Mar-25	
EPA 200.7	Zinc	mg/L	<0.0100	0.0054	0.0100	X511232	27-Mar-25	
EPA 200.8	Antimony	mg/L	<0.00100	0.00072	0.00100	X512185	26-Mar-25	
EPA 200.8	Arsenic	mg/L	<0.00100	0.00021	0.00100	X512185	26-Mar-25	
EPA 200.8	Selenium	mg/L	<0.00100	0.00024	0.00100	X512185	26-Mar-25	
EPA 200.8	Thallium	mg/L	<0.000200	0.00008	0.000200	X512185	26-Mar-25	
EPA 200.8	Uranium	mg/L	<0.000100	0.000052	0.000100	X512185	26-Mar-25	
Metals (Filtered)								
EPA 245.1	Mercury	mg/L	<0.000200	0.000093	0.000200	X511243	24-Mar-25	
Classical Chemistry Parameters								
ASTM D7237-15A	Cyanide (free) @ pH 6	mg/L	<0.0050	0.0048	0.0050	X512053	19-Mar-25	
EPA 335.4	Cyanide (total)	mg/L	<0.0050	0.0038	0.0050	X512005	18-Mar-25	
EPA 350.1	Ammonia as N	mg/L	<0.030	0.013	0.030	X512057	19-Mar-25	
OIA 1677	Cyanide (WAD)	mg/L	<0.0050	0.0010	0.0050	X512153	24-Mar-25	
SM 2310 B	Acidity to pH 8.3	mg/L as CaCO3	<10.0		10.0	X512169	20-Mar-25	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	<1.0		1.0	X511219	14-Mar-25	
SM 2320 B	Bicarbonate	mg/L as CaCO3	<1.0		1.0	X511219	14-Mar-25	
SM 2320 B	Carbonate	mg/L as CaCO3	<1.0		1.0	X511219	14-Mar-25	
SM 2320 B	Hydroxide	mg/L as CaCO3	<1.0		1.0	X511219	14-Mar-25	
SM 2540 C	Total Diss. Solids	mg/L	<10		10	X511209	17-Mar-25	
SM 2540 D	Total Susp. Solids	mg/L	<5.0		5.0	X511210	17-Mar-25	
Anions by Ion Chromatography								
EPA 300.0	Chloride	mg/L	<0.20	0.02	0.20	X511189	13-Mar-25	
EPA 300.0	Fluoride	mg/L	<0.100	0.017	0.100	X511189	13-Mar-25	
EPA 300.0	Nitrate as N	mg/L	<0.050	0.013	0.050	X511189	13-Mar-25	
EPA 300.0	Nitrate+Nitrite as N	mg/L	<0.100	0.044	0.100	X511189	13-Mar-25	
EPA 300.0	Nitrite as N	mg/L	<0.050	0.031	0.050	X511189	13-Mar-25	
EPA 300.0	Sulfate as SO4	mg/L	<0.30	0.18	0.30	X511189	13-Mar-25	

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 2024
Work Order: **X5C0185**
Reported: 27-Mar-25 11:23

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	18.5	20.0	92	85 - 115	X512174	21-Mar-25	
EPA 200.7	Magnesium	mg/L	18.3	20.0	91.6	85 - 115	X512174	21-Mar-25	
EPA 200.7	Potassium	mg/L	19.1	20.0	95.4	85 - 115	X512174	21-Mar-25	
Metals (Dissolved)									
EPA 200.7	Aluminum	mg/L	0.922	1.00	92.2	85 - 115	X511232	27-Mar-25	
EPA 200.7	Barium	mg/L	0.983	1.00	98.3	85 - 115	X511232	27-Mar-25	
EPA 200.7	Beryllium	mg/L	0.998	1.00	99.8	85 - 115	X511232	27-Mar-25	
EPA 200.7	Boron	mg/L	0.998	1.00	99.8	85 - 115	X511232	27-Mar-25	
EPA 200.7	Cadmium	mg/L	0.971	1.00	97.1	85 - 115	X511232	27-Mar-25	
EPA 200.7	Calcium	mg/L	19.0	20.0	94.8	85 - 115	X511232	27-Mar-25	
EPA 200.7	Chromium	mg/L	0.984	1.00	98.4	85 - 115	X511232	27-Mar-25	
EPA 200.7	Cobalt	mg/L	0.962	1.00	96.2	85 - 115	X511232	27-Mar-25	
EPA 200.7	Copper	mg/L	0.971	1.00	97.1	85 - 115	X511232	27-Mar-25	
EPA 200.7	Iron	mg/L	9.41	10.0	94.1	85 - 115	X511232	27-Mar-25	
EPA 200.7	Lead	mg/L	0.972	1.00	97.2	85 - 115	X511232	27-Mar-25	
EPA 200.7	Lithium	mg/L	0.969	1.00	96.9	85 - 115	X511232	27-Mar-25	
EPA 200.7	Magnesium	mg/L	18.6	20.0	93.1	85 - 115	X511232	27-Mar-25	
EPA 200.7	Manganese	mg/L	0.985	1.00	98.5	85 - 115	X511232	27-Mar-25	
EPA 200.7	Molybdenum	mg/L	0.999	1.00	99.9	85 - 115	X511232	27-Mar-25	
EPA 200.7	Nickel	mg/L	0.950	1.00	95.0	85 - 115	X511232	27-Mar-25	
EPA 200.7	Potassium	mg/L	19.9	20.0	99.3	85 - 115	X511232	27-Mar-25	
EPA 200.7	Silver	mg/L	0.0483	0.0500	96.7	85 - 115	X511232	27-Mar-25	
EPA 200.7	Sodium	mg/L	18.2	19.0	96.0	85 - 115	X511232	27-Mar-25	
EPA 200.7	Vanadium	mg/L	0.998	1.00	99.8	85 - 115	X511232	27-Mar-25	
EPA 200.7	Zinc	mg/L	0.968	1.00	96.8	85 - 115	X511232	27-Mar-25	
EPA 200.8	Antimony	mg/L	0.0242	0.0250	96.9	85 - 115	X512185	26-Mar-25	
EPA 200.8	Arsenic	mg/L	0.0236	0.0250	94.5	85 - 115	X512185	26-Mar-25	
EPA 200.8	Selenium	mg/L	0.0219	0.0250	87.6	85 - 115	X512185	26-Mar-25	
EPA 200.8	Thallium	mg/L	0.0238	0.0250	95.0	85 - 115	X512185	26-Mar-25	
EPA 200.8	Uranium	mg/L	0.0256	0.0250	102	85 - 115	X512185	26-Mar-25	
Metals (Filtered)									
EPA 245.1	Mercury	mg/L	0.00217	0.00200	108	85 - 115	X511243	24-Mar-25	
Classical Chemistry Parameters									
ASTM D7237-15A	Cyanide (free) @ pH 6	mg/L	0.104	0.100	104	90 - 110	X512053	19-Mar-25	
EPA 335.4	Cyanide (total)	mg/L	0.0907	0.100	90.7	90 - 110	X512005	18-Mar-25	
EPA 350.1	Ammonia as N	mg/L	0.992	1.00	99.2	90 - 110	X512057	19-Mar-25	
OIA 1677	Cyanide (WAD)	mg/L	0.105	0.100	105	90 - 110	X512153	24-Mar-25	
SM 2310 B	Acidity to pH 8.3	mg/L as CaCO3	722	706	102	95.4 - 104	X512169	20-Mar-25	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	9.70	9.93	97.7	94 - 106	X511219	14-Mar-25	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	100	99.3	101	94 - 106	X511219	14-Mar-25	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	401	397	101	94 - 106	X511219	14-Mar-25	
SM 2540 D	Total Susp. Solids	mg/L	10.0	10.0	100	85 - 115	X511210	17-Mar-25	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	2.95	3.00	98.2	90 - 110	X511189	13-Mar-25	
EPA 300.0	Fluoride	mg/L	1.97	2.00	98.5	90 - 110	X511189	13-Mar-25	
EPA 300.0	Nitrate as N	mg/L	1.94	2.00	97.2	90 - 110	X511189	13-Mar-25	
EPA 300.0	Nitrate+Nitrite as N	mg/L	4.49	4.50	99.8	90 - 110	X511189	13-Mar-25	
EPA 300.0	Nitrite as N	mg/L	2.55	2.50	102	90 - 110	X511189	13-Mar-25	
EPA 300.0	Sulfate as SO4	mg/L	9.53	10.0	95.3	90 - 110	X511189	13-Mar-25	

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 2024
Work Order: **X5C0185**
Reported: 27-Mar-25 11:23

Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch and Source ID	Analyzed	Notes
Classical Chemistry Parameters									
SM 2310 B	Acidity to pH 8.3	mg/L as CaCO3	<10.0	<10.0	UDL	20	X512169 - X5C0144-01	20-Mar-25	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	76.0	77.2	1.6	20	X511219 - X5C0118-01	14-Mar-25	
SM 2320 B	Bicarbonate	mg/L as CaCO3	76.0	77.2	1.6	20	X511219 - X5C0118-01	14-Mar-25	
SM 2320 B	Carbonate	mg/L as CaCO3	<1.0	<1.0	UDL	20	X511219 - X5C0118-01	14-Mar-25	
SM 2320 B	Hydroxide	mg/L as CaCO3	<1.0	<1.0	UDL	20	X511219 - X5C0118-01	14-Mar-25	
SM 2540 C	Total Diss. Solids	mg/L	634	660	4.0	10	X511209 - X5C0186-02	17-Mar-25	
SM 2540 C	Total Diss. Solids	mg/L	990	992	0.2	10	X511209 - X5C0190-01	17-Mar-25	
SM 2540 D	Total Susp. Solids	mg/L	17.0	19.0	11.1	10	X511210 - X5C0190-01	17-Mar-25	R2B
SM 4500 H B	pH @17.4°C	pH Units	6.1	6.2	1.1	20	X511219 - X5C0118-01	14-Mar-25	

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
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	Calcium	mg/L	302	273	20.0	0.30R>S	70 - 130	X512174 - X5C0185-01	21-Mar-25	M3
EPA 200.7	Calcium	mg/L	36.8	18.2	20.0	93	70 - 130	X512174 - X5C0216-05	21-Mar-25	
EPA 200.7	Magnesium	mg/L	81.2	57.9	20.0	116	70 - 130	X512174 - X5C0185-01	21-Mar-25	
EPA 200.7	Magnesium	mg/L	20.3	1.45	20.0	94.4	70 - 130	X512174 - X5C0216-05	21-Mar-25	
EPA 200.7	Potassium	mg/L	27.7	7.07	20.0	103	70 - 130	X512174 - X5C0185-01	21-Mar-25	
EPA 200.7	Potassium	mg/L	19.9	0.68	20.0	96.0	70 - 130	X512174 - X5C0216-05	21-Mar-25	
Metals (Dissolved)										
EPA 200.7	Aluminum	mg/L	0.945	<0.080	1.00	94.5	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Barium	mg/L	1.02	0.0315	1.00	98.4	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Beryllium	mg/L	1.01	<0.00200	1.00	101	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Boron	mg/L	1.04	<0.0400	1.00	102	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Cadmium	mg/L	0.976	<0.0020	1.00	97.6	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Calcium	mg/L	56.2	36.7	20.0	97.6	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Chromium	mg/L	0.994	<0.0060	1.00	99.4	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Cobalt	mg/L	0.959	<0.0060	1.00	95.9	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Copper	mg/L	0.972	<0.0100	1.00	97.2	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Iron	mg/L	9.53	<0.100	10.0	95.3	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Lead	mg/L	0.971	<0.0075	1.00	97.1	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Lithium	mg/L	1.02	<0.040	1.00	102	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Magnesium	mg/L	27.5	8.37	20.0	95.5	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Manganese	mg/L	0.997	0.0085	1.00	98.9	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Molybdenum	mg/L	1.00	<0.0080	1.00	100	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Nickel	mg/L	0.955	<0.0100	1.00	95.5	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Potassium	mg/L	22.0	2.12	20.0	99.3	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Silver	mg/L	0.0495	<0.0050	0.0500	99.1	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Sodium	mg/L	44.4	26.1	19.0	96.2	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Vanadium	mg/L	1.01	<0.0050	1.00	101	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.7	Zinc	mg/L	0.985	<0.0100	1.00	98.5	70 - 130	X511232 - X5C0214-01	27-Mar-25	
EPA 200.8	Antimony	mg/L	0.0253	<0.00100	0.0250	101	70 - 130	X512185 - X5C0144-01	26-Mar-25	
EPA 200.8	Antimony	mg/L	<0.0500	<0.0500	0.0250	N/A	70 - 130	X512185 - X5C0295-01	26-Mar-25	D20,M4
EPA 200.8	Arsenic	mg/L	0.0255	<0.00100	0.0250	102	70 - 130	X512185 - X5C0144-01	26-Mar-25	
EPA 200.8	Arsenic	mg/L	0.359	0.328	0.0250	123	70 - 130	X512185 - X5C0295-01	26-Mar-25	D20
EPA 200.8	Selenium	mg/L	0.0269	<0.00100	0.0250	106	70 - 130	X512185 - X5C0144-01	26-Mar-25	
EPA 200.8	Selenium	mg/L	<0.0500	<0.0500	0.0250	75.4	70 - 130	X512185 - X5C0295-01	26-Mar-25	D20

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 2024
Work Order: **X5C0185**
Reported: 27-Mar-25 11:23

Quality Control - MATRIX SPIKE Data (Continued)

Method	Analyte	Units	Spike Result	Sample Result (R)	Spike Level (S)	% Rec.	Acceptance Limits	Batch and Source ID	Analyzed	Notes
Metals (Dissolved) (Continued)										
EPA 200.8	Thallium	mg/L	0.0234	<0.000200	0.0250	93.6	70 - 130	X512185 - X5C0144-01	26-Mar-25	
EPA 200.8	Thallium	mg/L	0.0229	<0.0100	0.0250	91.7	70 - 130	X512185 - X5C0295-01	26-Mar-25	D20
EPA 200.8	Uranium	mg/L	0.0310	0.00494	0.0250	104	70 - 130	X512185 - X5C0144-01	26-Mar-25	
EPA 200.8	Uranium	mg/L	3.82	3.75	0.0250	0.30R>S	70 - 130	X512185 - X5C0295-01	26-Mar-25	D20,M4
Metals (Filtered)										
EPA 245.1	Mercury	mg/L	0.00223	<0.000200	0.00200	111	70 - 130	X511243 - X5C0184-02	24-Mar-25	
EPA 245.1	Mercury	mg/L	0.00220	<0.000200	0.00200	110	70 - 130	X511243 - X5C0213-02	24-Mar-25	
Classical Chemistry Parameters										
ASTM D7237-15A	Cyanide (free) @ pH 6	mg/L	0.112	<0.0050	0.100	112	79 - 121	X512053 - X5C0203-06	19-Mar-25	
EPA 335.4	Cyanide (total)	mg/L	0.0900	<0.0050	0.100	90.0	90 - 110	X512005 - X5C0117-02	18-Mar-25	
EPA 335.4	Cyanide (total)	mg/L	0.0952	<0.0050	0.100	95.2	90 - 110	X512005 - X5C0117-01	18-Mar-25	
EPA 350.1	Ammonia as N	mg/L	3.45	2.74	1.00	71.4	90 - 110	X512057 - X5C0125-01	19-Mar-25	M4
EPA 350.1	Ammonia as N	mg/L	4.06	3.43	1.00	0.30R>S	90 - 110	X512057 - X5C0125-02	19-Mar-25	M4
OIA 1677	Cyanide (WAD)	mg/L	0.0968	<0.0050	0.100	96.8	82 - 118	X512153 - X5C0117-02	24-Mar-25	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	10.5	7.46	3.00	103	90 - 110	X511189 - X5C0182-01	13-Mar-25	
EPA 300.0	Chloride	mg/L	13.2	10.5	3.00	90.0	90 - 110	X511189 - X5C0201-03	15-Mar-25	
EPA 300.0	Fluoride	mg/L	2.01	<0.100	2.00	98.7	90 - 110	X511189 - X5C0182-01	13-Mar-25	
EPA 300.0	Fluoride	mg/L	1.97	<0.100	2.00	97.1	90 - 110	X511189 - X5C0201-03	13-Mar-25	
EPA 300.0	Nitrate as N	mg/L	2.24	0.287	2.00	97.7	90 - 110	X511189 - X5C0182-01	13-Mar-25	
EPA 300.0	Nitrate as N	mg/L	2.05	0.134	2.00	95.8	90 - 110	X511189 - X5C0201-03	13-Mar-25	
EPA 300.0	Nitrate+Nitrite as N	mg/L	4.22	0.287	4.00	98.3	90 - 110	X511189 - X5C0182-01	13-Mar-25	
EPA 300.0	Nitrate+Nitrite as N	mg/L	4.05	0.141	4.00	97.6	90 - 110	X511189 - X5C0201-03	13-Mar-25	
EPA 300.0	Nitrite as N	mg/L	1.98	<0.050	2.00	99.0	90 - 110	X511189 - X5C0182-01	13-Mar-25	
EPA 300.0	Nitrite as N	mg/L	2.00	<0.050	2.00	99.8	90 - 110	X511189 - X5C0201-03	13-Mar-25	
EPA 300.0	Sulfate as SO4	mg/L	29.6	19.8	10.0	98.2	90 - 110	X511189 - X5C0182-01	13-Mar-25	
EPA 300.0	Sulfate as SO4	mg/L	30.3	20.6	10.0	97.0	90 - 110	X511189 - X5C0201-03	13-Mar-25	

Quality Control - MATRIX SPIKE DUPLICATE Data

Method	Analyte	Units	MSD Result	Spike Result	Spike Level	RPD	RPD Limit	% Recovery	Batch and Source ID	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	Calcium	mg/L	318	302	20.0	5.0	20	0.30R>S	X512174 - X5C0185-01	M3
EPA 200.7	Magnesium	mg/L	85.8	81.2	20.0	5.5	20	139	X512174 - X5C0185-01	M3
EPA 200.7	Potassium	mg/L	29.0	27.7	20.0	4.7	20	110	X512174 - X5C0185-01	
Metals (Dissolved)										
EPA 200.7	Aluminum	mg/L	0.939	0.945	1.00	0.6	20	93.9	X511232 - X5C0214-01	
EPA 200.7	Barium	mg/L	1.02	1.02	1.00	0.4	20	98.8	X511232 - X5C0214-01	
EPA 200.7	Beryllium	mg/L	1.01	1.01	1.00	0.2	20	101	X511232 - X5C0214-01	
EPA 200.7	Boron	mg/L	1.04	1.04	1.00	0.3	20	101	X511232 - X5C0214-01	
EPA 200.7	Cadmium	mg/L	0.977	0.976	1.00	0.1	20	97.7	X511232 - X5C0214-01	
EPA 200.7	Calcium	mg/L	56.2	56.2	20.0	0.0	20	97.7	X511232 - X5C0214-01	
EPA 200.7	Chromium	mg/L	0.993	0.994	1.00	0.1	20	99.3	X511232 - X5C0214-01	
EPA 200.7	Cobalt	mg/L	0.957	0.959	1.00	0.2	20	95.7	X511232 - X5C0214-01	
EPA 200.7	Copper	mg/L	0.967	0.972	1.00	0.6	20	96.7	X511232 - X5C0214-01	
EPA 200.7	Iron	mg/L	9.56	9.53	10.0	0.3	20	95.6	X511232 - X5C0214-01	
EPA 200.7	Lead	mg/L	0.968	0.971	1.00	0.4	20	96.8	X511232 - X5C0214-01	

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 2024
Work Order: **X5C0185**
Reported: 27-Mar-25 11:23

Quality Control - MATRIX SPIKE DUPLICATE Data (Continued)

Method	Analyte	Units	MSD Result	Spike Result	Spike Level	RPD	RPD Limit	% Recovery	Batch and Source ID	Notes
Metals (Dissolved) (Continued)										
EPA 200.7	Lithium	mg/L	1.01	1.02	1.00	0.6	20	101	X511232 - X5C0214-01	
EPA 200.7	Magnesium	mg/L	27.4	27.5	20.0	0.1	20	95.3	X511232 - X5C0214-01	
EPA 200.7	Manganese	mg/L	0.997	0.997	1.00	0.1	20	98.8	X511232 - X5C0214-01	
EPA 200.7	Molybdenum	mg/L	1.00	1.00	1.00	0.2	20	100	X511232 - X5C0214-01	
EPA 200.7	Nickel	mg/L	0.949	0.955	1.00	0.7	20	94.9	X511232 - X5C0214-01	
EPA 200.7	Potassium	mg/L	22.1	22.0	20.0	0.6	20	99.9	X511232 - X5C0214-01	
EPA 200.7	Silver	mg/L	0.0492	0.0495	0.0500	0.7	20	98.4	X511232 - X5C0214-01	
EPA 200.7	Sodium	mg/L	44.3	44.4	19.0	0.3	20	95.5	X511232 - X5C0214-01	
EPA 200.7	Vanadium	mg/L	1.01	1.01	1.00	0.2	20	101	X511232 - X5C0214-01	
EPA 200.7	Zinc	mg/L	0.980	0.985	1.00	0.6	20	98.0	X511232 - X5C0214-01	
EPA 200.8	Antimony	mg/L	0.0254	0.0253	0.0250	0.3	20	102	X512185 - X5C0144-01	
EPA 200.8	Arsenic	mg/L	0.0257	0.0255	0.0250	0.6	20	103	X512185 - X5C0144-01	
EPA 200.8	Selenium	mg/L	0.0273	0.0269	0.0250	1.4	20	107	X512185 - X5C0144-01	
EPA 200.8	Thallium	mg/L	0.0236	0.0234	0.0250	0.8	20	94.4	X512185 - X5C0144-01	
EPA 200.8	Uranium	mg/L	0.0311	0.0310	0.0250	0.6	20	105	X512185 - X5C0144-01	
Metals (Filtered)										
EPA 245.1	Mercury	mg/L	0.00222	0.00223	0.00200	0.4	20	111	X511243 - X5C0184-02	
Classical Chemistry Parameters										
ASTM D7237-15A	Cyanide (free) @ pH 6	mg/L	0.113	0.112	0.100	0.8	11	113	X512053 - X5C0203-06	
EPA 335.4	Cyanide (total)	mg/L	0.0932	0.0900	0.100	3.5	20	93.2	X512005 - X5C0117-02	
EPA 350.1	Ammonia as N	mg/L	3.38	3.45	1.00	2.3	20	63.6	X512057 - X5C0125-01	M4
OIA 1677	Cyanide (WAD)	mg/L	0.0926	0.0968	0.100	4.4	11	92.6	X512153 - X5C0117-02	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	10.5	10.5	3.00	0.1	20	102	X511189 - X5C0182-01	
EPA 300.0	Fluoride	mg/L	2.01	2.01	2.00	0.3	20	98.4	X511189 - X5C0182-01	
EPA 300.0	Nitrate as N	mg/L	2.24	2.24	2.00	0.2	20	97.5	X511189 - X5C0182-01	
EPA 300.0	Nitrate+Nitrite as N	mg/L	4.22	4.22	4.00	0.1	20	98.2	X511189 - X5C0182-01	
EPA 300.0	Nitrite as N	mg/L	1.98	1.98	2.00	0.0	20	99.0	X511189 - X5C0182-01	
EPA 300.0	Sulfate as SO4	mg/L	29.7	29.6	10.0	0.3	20	99.0	X511189 - X5C0182-01	

One Government Gulch - PO Box 929
Kellogg, ID 83837-0929
(208) 784-1258
www.svl.net

Newmont - Cripple Creek & Victor	**Project Name: Cripple Creek/Victor Water and Soil 2024**
Post Office Box 191	Work Order: **X5C0185**
Victor, CO 80860	Reported: 27-Mar-25 11:23

Notes and Definitions

D20	sample contained high concentration of non target analytes, diluted to mitigate matrix effects
H5	This test is specified to be performed in the field within 15 minutes of sampling; sample was received and analyzed past the regulatory holding time.
M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to spike level. The LCS was acceptable.
M4	The analysis of the spiked sample required a dilution such that the spike recovery calculation does not provide useful information. The LCS recovery was acceptable.
R2B	RPD exceeded the laboratory acceptance limit.
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

One Government Gulch - PO Box 929
Kellogg, ID 83837-0929
(208) 784-1258
www.svl.net

Cripple Creek & Victor Gold Mining Company
Post Office Box 191
Victor, CO 80860

Project Name: Cripple Creek/Victor Water and Soil 2024
Work Order: **X5C0363**
Reported: 14-Apr-25 14:44

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received	Notes
Vin-2A	X5C0363-01	Ground Water	24-Mar-25 13:05	JC	25-Mar-2025	
WCMW-3	X5C0363-02	Ground Water	24-Mar-25 13:15	JC	25-Mar-2025	

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.

Case Narrative: X5C0363

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

The state of origin only accredits for drinking water analyses.

SVL holds the following certifications:
AZ:0538, **ID**:ID00019, **NV**:ID000192007A, **UT**(**TNI**):ID000192015-1, **WA**:C573

One Government Gulch - PO Box 929
Kellogg, ID 83837-0929
(208) 784-1258
www.svl.net

Cripple Creek & Victor Gold Mining Company
Post Office Box 191
Victor, CO 80860

Project Name: Cripple Creek/Victor Water and Soil 2024
Work Order: **X5C0363**
Reported: 14-Apr-25 14:44

Client Sample ID: **Vin-2A**
SVL Sample ID: **X5C0363-01 (Ground Water)**

Sampled: 24-Mar-25 13:05
Received: 25-Mar-25
Sampled By: JC

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	206	mg/L	0.100	0.069		X514238	NMS	04/07/25 13:41	
EPA 200.7	**Magnesium**	52.2	mg/L	0.500	0.090		X514238	NMS	04/07/25 13:41	
EPA 200.7	**Potassium**	1.96	mg/L	0.50	0.18		X514238	NMS	04/07/25 13:41	
SM 2340 B	**Hardness (as CaCO3)**	718	mg/L	2.31	0.543		N/A		04/07/25 13:41	
Metals (Dissolved)										
EPA 200.7	Aluminum	< 0.080	mg/L	0.080	0.054		X514056	SJN	04/02/25 13:16	
EPA 200.7	**Barium**	0.0078	mg/L	0.0020	0.0019		X514056	SJN	04/02/25 13:16	
EPA 200.7	Beryllium	< 0.00200	mg/L	0.00200	0.00080		X514056	SJN	04/02/25 13:16	
EPA 200.7	Boron	< 0.0400	mg/L	0.0400	0.0078		X514056	SJN	04/02/25 13:16	
EPA 200.7	Cadmium	< 0.0020	mg/L	0.0020	0.0016		X514056	SJN	04/02/25 13:16	
EPA 200.7	**Calcium**	197	mg/L	0.100	0.069		X514056	SJN	04/02/25 13:16	
EPA 200.7	Chromium	< 0.0060	mg/L	0.0060	0.0020		X514056	SJN	04/02/25 13:16	
EPA 200.7	**Cobalt**	0.0087	mg/L	0.0060	0.0046		X514056	SJN	04/02/25 13:16	
EPA 200.7	Copper	< 0.0100	mg/L	0.0100	0.0027		X514056	SJN	04/02/25 13:16	
EPA 200.7	Iron	< 0.100	mg/L	0.100	0.056		X514056	SJN	04/02/25 13:16	
EPA 200.7	Lead	< 0.0075	mg/L	0.0075	0.0049		X514056	SJN	04/02/25 13:16	
EPA 200.7	Lithium	< 0.040	mg/L	0.040	0.025		X514056	SJN	04/02/25 14:09	
EPA 200.7	**Magnesium**	49.7	mg/L	0.500	0.090		X514056	SJN	04/02/25 13:16	
EPA 200.7	**Manganese**	0.0287	mg/L	0.0080	0.0034		X514056	SJN	04/02/25 13:16	
EPA 200.7	Molybdenum	< 0.0080	mg/L	0.0080	0.0034		X514056	SJN	04/02/25 13:16	
EPA 200.7	Nickel	< 0.0100	mg/L	0.0100	0.0048		X514056	SJN	04/02/25 13:16	
EPA 200.7	**Potassium**	2.17	mg/L	0.50	0.18		X514056	SJN	04/02/25 13:16	
EPA 200.7	Silver	< 0.0050	mg/L	0.0050	0.0019		X514056	SJN	04/02/25 14:09	
EPA 200.7	**Sodium**	22.0	mg/L	0.50	0.12		X514056	SJN	04/02/25 13:16	
EPA 200.7	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X514056	SJN	04/02/25 13:16	
EPA 200.7	**Zinc**	2.67	mg/L	0.0100	0.0054		X514056	SJN	04/02/25 13:16	
EPA 200.8	Antimony	< 0.00100	mg/L	0.00100	0.00072		X514095	SMU	04/09/25 11:59	
EPA 200.8	Arsenic	< 0.00100	mg/L	0.00100	0.00021		X514095	SMU	04/09/25 11:59	
EPA 200.8	Selenium	< 0.00100	mg/L	0.00100	0.00024		X514095	SMU	04/09/25 11:59	
EPA 200.8	Thallium	< 0.000200	mg/L	0.000200	0.00008		X514095	SMU	04/09/25 11:59	
EPA 200.8	**Uranium**	0.00213	mg/L	0.000100	0.000052		X514095	SMU	04/09/25 11:59	
Metals (Filtered)										
EPA 245.1	Mercury	< 0.000200	mg/L	0.000200	0.000093		X514050	SJN	04/07/25 15:32	
Classical Chemistry Parameters										
ASTM D7237-15A	Cyanide (free) @ pH 6	< 0.0050	mg/L	0.0050	0.0048		X513083	DD	03/31/25 16:47	
EPA 335.4	Cyanide (total)	< 0.0050	mg/L	0.0050	0.0038		X514012	ORW	04/01/25 08:43	
EPA 350.1	Ammonia as N	< 0.030	mg/L	0.030	0.013		X514082	JPM	04/02/25 14:25	
OIA 1677	Cyanide (WAD)	< 0.0050	mg/L	0.0050	0.0010		X514089	JPM	04/03/25 15:00	
SM 2310 B	**Acidity to pH 8.3**	-102	mg/L as CaCO3	10.0			X514230	MWD	04/04/25 12:39	
SM 2320 B	**Total Alkalinity**	106	mg/L as CaCO3	1.0			X514137	MWD	04/02/25 11:55	
SM 2320 B	**Bicarbonate**	106	mg/L as CaCO3	1.0			X514137	MWD	04/02/25 11:55	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO3	1.0			X514137	MWD	04/02/25 11:55	
SM 2320 B	Hydroxide	< 1.0	mg/L as CaCO3	1.0			X514137	MWD	04/02/25 11:55	
SM 2540 C	**Total Diss. Solids**	1180	mg/L	10			X513086	TJL	03/27/25 12:55	
SM 2540 D	**Total Susp. Solids**	26.0	mg/L	5.0			X513087	TJL	03/27/25 12:30	
SM 4500 H B	**pH @18.1°C**	7.4	pH Units				X514137	MWD	04/02/25 11:55	H5

SVL holds the following certifications:
AZ:0538, **ID**:ID00019, **NV**:ID000192007A, **UT**(**TNI**):ID000192015-1, **WA**:C573

One Government Gulch - PO Box 929
Kellogg, ID 83837-0929
(208) 784-1258
www.svl.net

Cripple Creek & Victor Gold Mining Company
Post Office Box 191
Victor, CO 80860

Project Name: Cripple Creek/Victor Water and Soil 2024
Work Order: **X5C0363**
Reported: 14-Apr-25 14:44

Client Sample ID: **Vin-2A**
SVL Sample ID: **X5C0363-01 (Ground Water)**

Sampled: 24-Mar-25 13:05
Received: 25-Mar-25
Sampled By: JC

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Anions by Ion Chromatography										
EPA 300.0	**Chloride**	7.67	mg/L	0.20	0.02		X513052	RS	03/25/25 17:01	
EPA 300.0	**Fluoride**	0.246	mg/L	0.100	0.017		X513052	RS	03/25/25 17:01	
EPA 300.0	Nitrate as N	< 0.050	mg/L	0.050	0.013		X513052	RS	03/25/25 17:01	
EPA 300.0	Nitrate+Nitrite as N	< 0.100	mg/L	0.100	0.044		X513052	RS	03/25/25 17:01	
EPA 300.0	Nitrite as N	< 0.050	mg/L	0.050	0.031		X513052	RS	03/25/25 17:01	
EPA 300.0	**Sulfate as SO4**	645	mg/L	15.0	9.00	50	X515155	RS	04/10/25 23:33	
Cation/Anion Balance and TDS Ratios										

Cation Sum: 15.0 meq/L Anion Sum: 15.8 meq/L C/A Balance: -2.45 % Calculated TDS: 993 TDS/cTDS: 1.19

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
Kellogg, ID 83837-0929
(208) 784-1258
www.svl.net

Cripple Creek & Victor Gold Mining Company
Post Office Box 191
Victor, CO 80860

Project Name: Cripple Creek/Victor Water and Soil 2024
Work Order: **X5C0363**
Reported: 14-Apr-25 14:44

Client Sample ID: **WCMW-3**
SVL Sample ID: **X5C0363-02 (Ground Water)**

Sampled: 24-Mar-25 13:15
Received: 25-Mar-25
Sampled By: JC

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	59.8	mg/L	0.100	0.069		X514238	NMS	04/07/25 13:43	
EPA 200.7	**Magnesium**	15.1	mg/L	0.500	0.090		X514238	NMS	04/07/25 13:43	
EPA 200.7	**Potassium**	1.86	mg/L	0.50	0.18		X514238	NMS	04/07/25 13:43	
SM 2340 B	**Hardness (as CaCO3)**	205	mg/L	2.31	0.543		N/A		04/02/25 13:18	
SM 2340 B	**Hardness (as CaCO3)**	201	mg/L	2.31	0.543		N/A		04/14/25 12:59	
Metals (Dissolved)										
EPA 200.7	Aluminum	< 0.080	mg/L	0.080	0.054		X516022	SJN	04/14/25 12:59	
EPA 200.7	**Barium**	0.0662	mg/L	0.0020	0.0019		X516022	SJN	04/14/25 12:59	
EPA 200.7	Beryllium	< 0.00200	mg/L	0.00200	0.00080		X516022	SJN	04/14/25 12:59	
EPA 200.7	Boron	< 0.0400	mg/L	0.0400	0.0078		X516022	SJN	04/14/25 12:59	
EPA 200.7	Cadmium	< 0.0020	mg/L	0.0020	0.0016		X516022	SJN	04/14/25 12:59	
EPA 200.7	**Calcium**	57.1	mg/L	0.100	0.069		X516022	SJN	04/14/25 12:59	
EPA 200.7	Chromium	< 0.0060	mg/L	0.0060	0.0020		X516022	SJN	04/14/25 12:59	
EPA 200.7	Cobalt	< 0.0060	mg/L	0.0060	0.0046		X516022	SJN	04/14/25 12:59	
EPA 200.7	Copper	< 0.0100	mg/L	0.0100	0.0027		X516022	SJN	04/14/25 12:59	
EPA 200.7	**Iron**	0.129	mg/L	0.100	0.056		X516022	SJN	04/14/25 12:59	
EPA 200.7	Lead	< 0.0075	mg/L	0.0075	0.0049		X516022	SJN	04/14/25 12:59	
EPA 200.7	Lithium	< 0.040	mg/L	0.040	0.025		X516022	SJN	04/14/25 12:59	
EPA 200.7	**Magnesium**	14.2	mg/L	0.500	0.090		X516022	SJN	04/14/25 12:59	
EPA 200.7	**Manganese**	0.0984	mg/L	0.0080	0.0034		X516022	SJN	04/14/25 12:59	
EPA 200.7	Molybdenum	< 0.0080	mg/L	0.0080	0.0034		X516022	SJN	04/14/25 12:59	
EPA 200.7	Nickel	< 0.0100	mg/L	0.0100	0.0048		X516022	SJN	04/14/25 12:59	
EPA 200.7	**Potassium**	2.98	mg/L	0.50	0.18		X516022	SJN	04/14/25 12:59	
EPA 200.7	Silver	< 0.0050	mg/L	0.0050	0.0019		X516022	SJN	04/14/25 12:59	
EPA 200.7	**Sodium**	10.5	mg/L	0.50	0.12		X516022	SJN	04/14/25 12:59	
EPA 200.7	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X516022	SJN	04/14/25 12:59	
EPA 200.7	Zinc	< 0.0100	mg/L	0.0100	0.0054		X516022	SJN	04/14/25 12:59	
EPA 200.8	Antimony	< 0.00100	mg/L	0.00100	0.00072		X514095	SMU	04/09/25 12:07	
EPA 200.8	Arsenic	< 0.00100	mg/L	0.00100	0.00021		X514095	SMU	04/09/25 12:07	
EPA 200.8	Selenium	< 0.00100	mg/L	0.00100	0.00024		X514095	SMU	04/09/25 12:07	
EPA 200.8	Thallium	< 0.000200	mg/L	0.000200	0.00008		X514095	SMU	04/09/25 12:07	
EPA 200.8	**Uranium**	0.00688	mg/L	0.000100	0.000052		X514095	SMU	04/09/25 12:07	
Metals (Filtered)										
EPA 245.1	Mercury	< 0.000200	mg/L	0.000200	0.000093		X514050	SJN	04/07/25 15:39	
Classical Chemistry Parameters										
ASTM D7237-15A	Cyanide (free) @ pH 6	< 0.0050	mg/L	0.0050	0.0048		X513083	DD	03/31/25 16:49	
EPA 335.4	Cyanide (total)	< 0.0050	mg/L	0.0050	0.0038		X514012	ORW	04/01/25 08:45	
EPA 350.1	**Ammonia as N**	0.070	mg/L	0.030	0.013		X514082	JPM	04/02/25 14:28	
OIA 1677	Cyanide (WAD)	< 0.0050	mg/L	0.0050	0.0010		X514089	JPM	04/03/25 15:02	
SM 2310 B	**Acidity to pH 8.3**	-203	mg/L as CaCO3	10.0			X514230	MWD	04/04/25 12:39	
SM 2320 B	**Total Alkalinity**	205	mg/L as CaCO3	1.0			X514137	MWD	04/02/25 12:01	
SM 2320 B	**Bicarbonate**	205	mg/L as CaCO3	1.0			X514137	MWD	04/02/25 12:01	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO3	1.0			X514137	MWD	04/02/25 12:01	
SM 2320 B	Hydroxide	< 1.0	mg/L as CaCO3	1.0			X514137	MWD	04/02/25 12:01	
SM 2540 C	**Total Diss. Solids**	209	mg/L	10			X513086	TJL	03/27/25 12:55	
SM 2540 D	Total Susp. Solids	< 5.0	mg/L	5.0			X513087	TJL	03/27/25 12:30	
SM 4500 H B	**pH @18.3°C**	7.8	pH Units				X514137	MWD	04/02/25 12:01	H5

SVL holds the following certifications:
AZ:0538, **ID**:ID00019, **NV**:ID000192007A, **UT**(**TNI**):ID000192015-1, **WA**:C573

One Government Gulch - PO Box 929
Kellogg, ID 83837-0929
(208) 784-1258
www.svl.net

Cripple Creek & Victor Gold Mining Company
Post Office Box 191
Victor, CO 80860

Project Name: Cripple Creek/Victor Water and Soil 2024
Work Order: **X5C0363**
Reported: 14-Apr-25 14:44

Client Sample ID: **WCMW-3**
SVL Sample ID: **X5C0363-02 (Ground Water)**

Sampled: 24-Mar-25 13:15
Received: 25-Mar-25
Sampled By: JC

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Anions by Ion Chromatography										
EPA 300.0	**Chloride**	2.59	mg/L	0.20	0.02		X513052	RS	03/25/25 17:16	
EPA 300.0	**Fluoride**	0.849	mg/L	0.100	0.017		X513052	RS	03/25/25 17:16	
EPA 300.0	Nitrate as N	< 0.050	mg/L	0.050	0.013		X513052	RS	03/25/25 17:16	
EPA 300.0	Nitrate+Nitrite as N	< 0.100	mg/L	0.100	0.044		X513052	RS	03/25/25 17:16	
EPA 300.0	Nitrite as N	< 0.050	mg/L	0.050	0.031		X513052	RS	03/25/25 17:16	
EPA 300.0	**Sulfate as SO4**	25.3	mg/L	0.30	0.18		X513052	RS	03/25/25 17:16	

Cation/Anion Balance and TDS Ratios

Cation Sum: 4.55 meq/L Anion Sum: 4.74 meq/L C/A Balance: -2.12 % Calculated TDS: 238 TDS/cTDS: 0.88

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
Kellogg, ID 83837-0929
(208) 784-1258
www.svl.net

Cripple Creek & Victor Gold Mining Company
Post Office Box 191
Victor, CO 80860

Project Name: Cripple Creek/Victor Water and Soil 2024
Work Order: **X5C0363**
Reported: 14-Apr-25 14:44

Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)								
EPA 200.7	Calcium	mg/L	<0.100	0.069	0.100	X514238	07-Apr-25	
EPA 200.7	Magnesium	mg/L	<0.500	0.090	0.500	X514238	07-Apr-25	
EPA 200.7	Potassium	mg/L	<0.50	0.18	0.50	X514238	07-Apr-25	
Metals (Dissolved)								
EPA 200.7	Aluminum	mg/L	<0.080	0.054	0.080	X514056	02-Apr-25	
EPA 200.7	Aluminum	mg/L	<0.080	0.054	0.080	X516022	14-Apr-25	
EPA 200.7	Barium	mg/L	<0.0020	0.0019	0.0020	X514056	02-Apr-25	
EPA 200.7	Barium	mg/L	<0.0020	0.0019	0.0020	X516022	14-Apr-25	
EPA 200.7	Beryllium	mg/L	<0.00200	0.00080	0.00200	X514056	02-Apr-25	
EPA 200.7	Beryllium	mg/L	<0.00200	0.00080	0.00200	X516022	14-Apr-25	
EPA 200.7	Boron	mg/L	<0.0400	0.0078	0.0400	X514056	02-Apr-25	
EPA 200.7	Boron	mg/L	<0.0400	0.0078	0.0400	X516022	14-Apr-25	
EPA 200.7	Cadmium	mg/L	<0.0020	0.0016	0.0020	X514056	02-Apr-25	
EPA 200.7	Cadmium	mg/L	<0.0020	0.0016	0.0020	X516022	14-Apr-25	
EPA 200.7	Calcium	mg/L	<0.100	0.069	0.100	X514056	02-Apr-25	
EPA 200.7	Calcium	mg/L	<0.100	0.069	0.100	X516022	14-Apr-25	
EPA 200.7	Chromium	mg/L	<0.0060	0.0020	0.0060	X514056	02-Apr-25	
EPA 200.7	Chromium	mg/L	<0.0060	0.0020	0.0060	X516022	14-Apr-25	
EPA 200.7	Cobalt	mg/L	<0.0060	0.0046	0.0060	X514056	02-Apr-25	
EPA 200.7	Cobalt	mg/L	<0.0060	0.0046	0.0060	X516022	14-Apr-25	
EPA 200.7	Copper	mg/L	<0.0100	0.0027	0.0100	X514056	02-Apr-25	
EPA 200.7	Copper	mg/L	<0.0100	0.0027	0.0100	X516022	14-Apr-25	
EPA 200.7	Iron	mg/L	<0.100	0.056	0.100	X514056	02-Apr-25	
EPA 200.7	Iron	mg/L	<0.100	0.056	0.100	X516022	14-Apr-25	
EPA 200.7	Lead	mg/L	<0.0075	0.0049	0.0075	X514056	02-Apr-25	
EPA 200.7	Lead	mg/L	<0.0075	0.0049	0.0075	X516022	14-Apr-25	
EPA 200.7	Lithium	mg/L	<0.040	0.025	0.040	X514056	02-Apr-25	
EPA 200.7	Lithium	mg/L	<0.040	0.025	0.040	X516022	14-Apr-25	
EPA 200.7	Magnesium	mg/L	<0.500	0.090	0.500	X514056	02-Apr-25	
EPA 200.7	Magnesium	mg/L	<0.500	0.090	0.500	X516022	14-Apr-25	
EPA 200.7	Manganese	mg/L	<0.0080	0.0034	0.0080	X514056	02-Apr-25	
EPA 200.7	Manganese	mg/L	<0.0080	0.0034	0.0080	X516022	14-Apr-25	
EPA 200.7	Molybdenum	mg/L	<0.0080	0.0034	0.0080	X514056	02-Apr-25	
EPA 200.7	Molybdenum	mg/L	<0.0080	0.0034	0.0080	X516022	14-Apr-25	
EPA 200.7	Nickel	mg/L	<0.0100	0.0048	0.0100	X514056	02-Apr-25	
EPA 200.7	Nickel	mg/L	<0.0100	0.0048	0.0100	X516022	14-Apr-25	
EPA 200.7	Potassium	mg/L	<0.50	0.18	0.50	X514056	02-Apr-25	
EPA 200.7	Potassium	mg/L	<0.50	0.18	0.50	X516022	14-Apr-25	
EPA 200.7	Silver	mg/L	<0.0050	0.0019	0.0050	X514056	02-Apr-25	
EPA 200.7	Silver	mg/L	<0.0050	0.0019	0.0050	X516022	14-Apr-25	
EPA 200.7	Sodium	mg/L	<0.50	0.12	0.50	X514056	02-Apr-25	
EPA 200.7	Sodium	mg/L	<0.50	0.12	0.50	X516022	14-Apr-25	
EPA 200.7	Vanadium	mg/L	<0.0050	0.0019	0.0050	X514056	02-Apr-25	
EPA 200.7	Vanadium	mg/L	<0.0050	0.0019	0.0050	X516022	14-Apr-25	
EPA 200.7	Zinc	mg/L	<0.0100	0.0054	0.0100	X514056	02-Apr-25	
EPA 200.7	Zinc	mg/L	<0.0100	0.0054	0.0100	X516022	14-Apr-25	
EPA 200.8	Antimony	mg/L	<0.00100	0.00072	0.00100	X514095	09-Apr-25	
EPA 200.8	Arsenic	mg/L	<0.00100	0.00021	0.00100	X514095	09-Apr-25	
EPA 200.8	Selenium	mg/L	<0.00100	0.00024	0.00100	X514095	09-Apr-25	
EPA 200.8	Thallium	mg/L	<0.000200	0.00008	0.000200	X514095	09-Apr-25	
EPA 200.8	Uranium	mg/L	<0.000100	0.000052	0.000100	X514095	09-Apr-25	
Metals (Filtered)								
EPA 245.1	Mercury	mg/L	<0.000200	0.000093	0.000200	X514050	07-Apr-25	

One Government Gulch - PO Box 929
Kellogg, ID 83837-0929
(208) 784-1258
www.svl.net

Cripple Creek & Victor Gold Mining Company
Post Office Box 191
Victor, CO 80860

Project Name: Cripple Creek/Victor Water and Soil 2024
Work Order: **X5C0363**
Reported: 14-Apr-25 14:44

Quality Control - BLANK Data (Continued)

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
Classical Chemistry Parameters								
ASTM D7237-15A	Cyanide (free) @ pH 6	mg/L	<0.0050	0.0048	0.0050	X513083	31-Mar-25	
EPA 335.4	Cyanide (total)	mg/L	<0.0050	0.0038	0.0050	X514012	01-Apr-25	
EPA 350.1	Ammonia as N	mg/L	<0.030	0.013	0.030	X514082	02-Apr-25	
OIA 1677	Cyanide (WAD)	mg/L	<0.0050	0.0010	0.0050	X514089	03-Apr-25	
SM 2310 B	Acidity to pH 8.3	mg/L as CaCO3	<10.0		10.0	X514230	04-Apr-25	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	<1.0		1.0	X514137	02-Apr-25	
SM 2320 B	Bicarbonate	mg/L as CaCO3	<1.0		1.0	X514137	02-Apr-25	
SM 2320 B	Carbonate	mg/L as CaCO3	<1.0		1.0	X514137	02-Apr-25	
SM 2320 B	Hydroxide	mg/L as CaCO3	<1.0		1.0	X514137	02-Apr-25	
SM 2540 C	Total Diss. Solids	mg/L	<10		10	X513086	27-Mar-25	
SM 2540 D	Total Susp. Solids	mg/L	<5.0		5.0	X513087	27-Mar-25	
Anions by Ion Chromatography								
EPA 300.0	Chloride	mg/L	<0.20	0.02	0.20	X513052	25-Mar-25	
EPA 300.0	Chloride	mg/L	<0.20	0.02	0.20	X515155	10-Apr-25	
EPA 300.0	Fluoride	mg/L	<0.100	0.017	0.100	X513052	25-Mar-25	
EPA 300.0	Fluoride	mg/L	<0.100	0.017	0.100	X515155	10-Apr-25	
EPA 300.0	Nitrate as N	mg/L	<0.050	0.013	0.050	X513052	25-Mar-25	
EPA 300.0	Nitrate as N	mg/L	<0.050	0.013	0.050	X515155	10-Apr-25	
EPA 300.0	Nitrate+Nitrite as N	mg/L	<0.100	0.044	0.100	X513052	25-Mar-25	
EPA 300.0	Nitrate+Nitrite as N	mg/L	<0.100	0.044	0.100	X515155	11-Apr-25	
EPA 300.0	Nitrite as N	mg/L	<0.050	0.031	0.050	X513052	25-Mar-25	
EPA 300.0	Nitrite as N	mg/L	<0.050	0.031	0.050	X515155	10-Apr-25	
EPA 300.0	Sulfate as SO4	mg/L	<0.30	0.18	0.30	X513052	25-Mar-25	
EPA 300.0	Sulfate as SO4	mg/L	<0.30	0.18	0.30	X515155	10-Apr-25	

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	20.4	20.0	102	85 - 115	X514238	07-Apr-25	
EPA 200.7	Magnesium	mg/L	20.6	20.0	103	85 - 115	X514238	07-Apr-25	
EPA 200.7	Potassium	mg/L	20.1	20.0	101	85 - 115	X514238	07-Apr-25	
Metals (Dissolved)									
EPA 200.7	Aluminum	mg/L	0.951	1.00	95.1	85 - 115	X514056	02-Apr-25	
EPA 200.7	Aluminum	mg/L	0.967	1.00	96.7	85 - 115	X516022	14-Apr-25	
EPA 200.7	Barium	mg/L	0.966	1.00	96.6	85 - 115	X514056	02-Apr-25	
EPA 200.7	Barium	mg/L	0.988	1.00	98.8	85 - 115	X516022	14-Apr-25	
EPA 200.7	Beryllium	mg/L	0.988	1.00	98.8	85 - 115	X514056	02-Apr-25	
EPA 200.7	Beryllium	mg/L	0.974	1.00	97.4	85 - 115	X516022	14-Apr-25	
EPA 200.7	Boron	mg/L	1.00	1.00	100	85 - 115	X514056	02-Apr-25	
EPA 200.7	Boron	mg/L	1.00	1.00	100	85 - 115	X516022	14-Apr-25	
EPA 200.7	Cadmium	mg/L	0.970	1.00	97.0	85 - 115	X514056	02-Apr-25	
EPA 200.7	Cadmium	mg/L	0.968	1.00	96.8	85 - 115	X516022	14-Apr-25	
EPA 200.7	Calcium	mg/L	18.8	20.0	94.2	85 - 115	X514056	02-Apr-25	
EPA 200.7	Calcium	mg/L	18.8	20.0	94.0	85 - 115	X516022	14-Apr-25	
EPA 200.7	Chromium	mg/L	0.979	1.00	97.9	85 - 115	X514056	02-Apr-25	
EPA 200.7	Chromium	mg/L	0.974	1.00	97.4	85 - 115	X516022	14-Apr-25	
EPA 200.7	Cobalt	mg/L	0.954	1.00	95.4	85 - 115	X514056	02-Apr-25	
EPA 200.7	Cobalt	mg/L	0.941	1.00	94.1	85 - 115	X516022	14-Apr-25	
EPA 200.7	Copper	mg/L	0.973	1.00	97.3	85 - 115	X514056	02-Apr-25	
EPA 200.7	Copper	mg/L	0.948	1.00	94.8	85 - 115	X516022	14-Apr-25	
EPA 200.7	Iron	mg/L	9.46	10.0	94.6	85 - 115	X514056	02-Apr-25	

One Government Gulch - PO Box 929
Kellogg, ID 83837-0929
(208) 784-1258
www.svl.net

Cripple Creek & Victor Gold Mining Company
Post Office Box 191
Victor, CO 80860

Project Name: Cripple Creek/Victor Water and Soil 2024
Work Order: **X5C0363**
Reported: 14-Apr-25 14:44

Quality Control - LABORATORY CONTROL SAMPLE Data (Continued)

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Dissolved) (Continued)									
EPA 200.7	Iron	mg/L	9.70	10.0	97.0	85 - 115	X516022	14-Apr-25	
EPA 200.7	Lead	mg/L	0.971	1.00	97.1	85 - 115	X514056	02-Apr-25	
EPA 200.7	Lead	mg/L	0.965	1.00	96.5	85 - 115	X516022	14-Apr-25	
EPA 200.7	Lithium	mg/L	0.870	1.00	87.0	85 - 115	X514056	02-Apr-25	
EPA 200.7	Lithium	mg/L	0.967	1.00	96.7	85 - 115	X516022	14-Apr-25	
EPA 200.7	Magnesium	mg/L	18.6	20.0	93.2	85 - 115	X514056	02-Apr-25	
EPA 200.7	Magnesium	mg/L	18.7	20.0	93.7	85 - 115	X516022	14-Apr-25	
EPA 200.7	Manganese	mg/L	0.967	1.00	96.7	85 - 115	X514056	02-Apr-25	
EPA 200.7	Manganese	mg/L	0.963	1.00	96.3	85 - 115	X516022	14-Apr-25	
EPA 200.7	Molybdenum	mg/L	0.981	1.00	98.1	85 - 115	X514056	02-Apr-25	
EPA 200.7	Molybdenum	mg/L	0.983	1.00	98.3	85 - 115	X516022	14-Apr-25	
EPA 200.7	Nickel	mg/L	0.952	1.00	95.2	85 - 115	X514056	02-Apr-25	
EPA 200.7	Nickel	mg/L	0.946	1.00	94.6	85 - 115	X516022	14-Apr-25	
EPA 200.7	Potassium	mg/L	19.9	20.0	99.4	85 - 115	X514056	02-Apr-25	
EPA 200.7	Potassium	mg/L	19.3	20.0	96.6	85 - 115	X516022	14-Apr-25	
EPA 200.7	Silver	mg/L	0.0483	0.0500	96.7	85 - 115	X514056	02-Apr-25	
EPA 200.7	Silver	mg/L	0.0469	0.0500	93.7	85 - 115	X516022	14-Apr-25	
EPA 200.7	Sodium	mg/L	18.4	19.0	96.9	85 - 115	X514056	02-Apr-25	
EPA 200.7	Sodium	mg/L	18.3	19.0	96.1	85 - 115	X516022	14-Apr-25	
EPA 200.7	Vanadium	mg/L	1.00	1.00	100	85 - 115	X514056	02-Apr-25	
EPA 200.7	Vanadium	mg/L	0.984	1.00	98.4	85 - 115	X516022	14-Apr-25	
EPA 200.7	Zinc	mg/L	0.965	1.00	96.5	85 - 115	X514056	02-Apr-25	
EPA 200.7	Zinc	mg/L	0.966	1.00	96.6	85 - 115	X516022	14-Apr-25	
EPA 200.8	Antimony	mg/L	0.0247	0.0250	98.9	85 - 115	X514095	09-Apr-25	
EPA 200.8	Arsenic	mg/L	0.0261	0.0250	104	85 - 115	X514095	09-Apr-25	
EPA 200.8	Selenium	mg/L	0.0277	0.0250	111	85 - 115	X514095	09-Apr-25	
EPA 200.8	Thallium	mg/L	0.0248	0.0250	99.3	85 - 115	X514095	09-Apr-25	
EPA 200.8	Uranium	mg/L	0.0258	0.0250	103	85 - 115	X514095	09-Apr-25	
Metals (Filtered)									
EPA 245.1	Mercury	mg/L	0.00209	0.00200	104	85 - 115	X514050	07-Apr-25	
Classical Chemistry Parameters									
ASTM D7237-15A	Cyanide (free) @ pH 6	mg/L	0.0950	0.100	95.0	90 - 110	X513083	31-Mar-25	
EPA 335.4	Cyanide (total)	mg/L	0.0994	0.100	99.4	90 - 110	X514012	01-Apr-25	
EPA 350.1	Ammonia as N	mg/L	0.987	1.00	98.7	90 - 110	X514082	02-Apr-25	
OIA 1677	Cyanide (WAD)	mg/L	0.106	0.100	106	90 - 110	X514089	03-Apr-25	
SM 2310 B	Acidity to pH 8.3	mg/L as CaCO3	727	706	103	95.4 - 104	X514230	04-Apr-25	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	9.80	9.93	98.7	94 - 106	X514137	02-Apr-25	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	101	99.3	101	94 - 106	X514137	02-Apr-25	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	411	397	103	94 - 106	X514137	02-Apr-25	
SM 2540 D	Total Susp. Solids	mg/L	9.0	10.0	90.0	85 - 115	X513087	27-Mar-25	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	2.88	3.00	96.0	90 - 110	X515155	10-Apr-25	
EPA 300.0	Chloride	mg/L	3.05	3.00	102	90 - 110	X513052	25-Mar-25	
EPA 300.0	Fluoride	mg/L	1.95	2.00	97.7	90 - 110	X515155	10-Apr-25	
EPA 300.0	Fluoride	mg/L	2.03	2.00	101	90 - 110	X513052	25-Mar-25	
EPA 300.0	Nitrate as N	mg/L	1.94	2.00	97.1	90 - 110	X515155	10-Apr-25	
EPA 300.0	Nitrate as N	mg/L	1.99	2.00	99.6	90 - 110	X513052	25-Mar-25	
EPA 300.0	Nitrate+Nitrite as N	mg/L	4.45	4.50	98.9	90 - 110	X515155	11-Apr-25	
EPA 300.0	Nitrate+Nitrite as N	mg/L	4.59	4.50	102	90 - 110	X513052	25-Mar-25	
EPA 300.0	Nitrite as N	mg/L	2.51	2.50	100	90 - 110	X515155	10-Apr-25	
EPA 300.0	Nitrite as N	mg/L	2.60	2.50	104	90 - 110	X513052	25-Mar-25	
EPA 300.0	Sulfate as SO4	mg/L	9.72	10.0	97.2	90 - 110	X515155	10-Apr-25	
EPA 300.0	Sulfate as SO4	mg/L	9.94	10.0	99.4	90 - 110	X513052	25-Mar-25	

One Government Gulch - PO Box 929
Kellogg, ID 83837-0929
(208) 784-1258
www.svl.net

Cripple Creek & Victor Gold Mining Company
Post Office Box 191
Victor, CO 80860

Project Name: Cripple Creek/Victor Water and Soil 2024
Work Order: **X5C0363**
Reported: 14-Apr-25 14:44

Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch and Source ID	Analyzed	Notes
Classical Chemistry Parameters									
SM 2310 B	Acidity to pH 8.3	mg/L as CaCO3	<10.0	<10.0	<RL	20	X514230 - X5C0361-01	04-Apr-25	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	105	106	1.0	20	X514137 - X5C0363-01	02-Apr-25	
SM 2320 B	Bicarbonate	mg/L as CaCO3	105	106	1.0	20	X514137 - X5C0363-01	02-Apr-25	
SM 2320 B	Carbonate	mg/L as CaCO3	<1.0	<1.0	UDL	20	X514137 - X5C0363-01	02-Apr-25	
SM 2320 B	Hydroxide	mg/L as CaCO3	<1.0	<1.0	UDL	20	X514137 - X5C0363-01	02-Apr-25	
SM 2540 C	Total Diss. Solids	mg/L	207	209	1.0	10	X513086 - X5C0363-02	27-Mar-25	
SM 2540 D	Total Susp. Solids	mg/L	<5.0	<5.0	UDL	10	X513087 - X5C0363-02	27-Mar-25	
SM 4500 H B	pH @18.3°C	pH Units	7.4	7.4	0.4	20	X514137 - X5C0363-01	02-Apr-25	

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
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	Calcium	mg/L	118	95.8	20.0	110	70 - 130	X514238 - X5C0357-01	07-Apr-25	
EPA 200.7	Calcium	mg/L	231	209	20.0	108	70 - 130	X514238 - X5C0371-01	07-Apr-25	
EPA 200.7	Magnesium	mg/L	29.8	8.70	20.0	105	70 - 130	X514238 - X5C0357-01	07-Apr-25	
EPA 200.7	Magnesium	mg/L	77.3	55.2	20.0	110	70 - 130	X514238 - X5C0371-01	07-Apr-25	
EPA 200.7	Potassium	mg/L	37.5	16.8	20.0	103	70 - 130	X514238 - X5C0357-01	07-Apr-25	
EPA 200.7	Potassium	mg/L	22.5	2.32	20.0	101	70 - 130	X514238 - X5C0371-01	07-Apr-25	
Metals (Dissolved)										
EPA 200.7	Aluminum	mg/L	0.998	<0.080	1.00	99.8	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Aluminum	mg/L	14.6	13.4	1.00	116	70 - 130	X516022 - X5D0163-01	14-Apr-25	
EPA 200.7	Barium	mg/L	1.02	<0.0020	1.00	102	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Barium	mg/L	1.03	0.0241	1.00	100	70 - 130	X516022 - X5D0163-01	14-Apr-25	
EPA 200.7	Beryllium	mg/L	1.03	<0.00200	1.00	103	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Beryllium	mg/L	1.04	<0.00200	1.00	104	70 - 130	X516022 - X5D0163-01	14-Apr-25	
EPA 200.7	Boron	mg/L	1.07	<0.0400	1.00	105	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Boron	mg/L	1.14	0.0648	1.00	108	70 - 130	X516022 - X5D0163-01	14-Apr-25	
EPA 200.7	Cadmium	mg/L	1.03	<0.0020	1.00	103	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Cadmium	mg/L	1.00	0.0028	1.00	99.8	70 - 130	X516022 - X5D0163-01	14-Apr-25	
EPA 200.7	Calcium	mg/L	20.0	0.247	20.0	98.6	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Calcium	mg/L	166	145	20.0	104	70 - 130	X516022 - X5D0163-01	14-Apr-25	
EPA 200.7	Chromium	mg/L	1.03	<0.0060	1.00	103	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Chromium	mg/L	1.00	<0.0060	1.00	100	70 - 130	X516022 - X5D0163-01	14-Apr-25	
EPA 200.7	Cobalt	mg/L	1.01	<0.0060	1.00	101	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Cobalt	mg/L	1.01	0.0523	1.00	96.2	70 - 130	X516022 - X5D0163-01	14-Apr-25	
EPA 200.7	Copper	mg/L	1.00	<0.0100	1.00	100	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Copper	mg/L	1.01	<0.0100	1.00	101	70 - 130	X516022 - X5D0163-01	14-Apr-25	
EPA 200.7	Iron	mg/L	9.92	<0.100	10.0	99.2	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Iron	mg/L	10.7	0.442	10.0	102	70 - 130	X516022 - X5D0163-01	14-Apr-25	
EPA 200.7	Lead	mg/L	1.03	<0.0075	1.00	103	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Lead	mg/L	0.997	<0.0075	1.00	99.7	70 - 130	X516022 - X5D0163-01	14-Apr-25	
EPA 200.7	Lithium	mg/L	0.815	<0.040	1.00	81.5	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Lithium	mg/L	1.13	<0.040	1.00	113	70 - 130	X516022 - X5D0163-01	14-Apr-25	
EPA 200.7	Magnesium	mg/L	19.9	<0.500	20.0	99.4	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Magnesium	mg/L	63.5	43.8	20.0	98.7	70 - 130	X516022 - X5D0163-01	14-Apr-25	
EPA 200.7	Manganese	mg/L	1.02	<0.0080	1.00	102	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Manganese	mg/L	12.0	11.2	1.00	83.8	70 - 130	X516022 - X5D0163-01	14-Apr-25	

SVL holds the following certifications:
AZ:0538, **ID**:ID00019, **NV**:ID000192007A, **UT**(**TNI**):ID000192015-1, **WA**:C573

One Government Gulch - PO Box 929
Kellogg, ID 83837-0929
(208) 784-1258
www.svl.net

Cripple Creek & Victor Gold Mining Company
Post Office Box 191
Victor, CO 80860

Project Name: Cripple Creek/Victor Water and Soil 2024
Work Order: **X5C0363**
Reported: 14-Apr-25 14:44

Quality Control - MATRIX SPIKE Data (Continued)

Method	Analyte	Units	Spike Result	Sample Result (R)	Spike Level (S)	% Rec.	Acceptance Limits	Batch and Source ID	Analyzed	Notes
Metals (Dissolved) (Continued)										
EPA 200.7	Molybdenum	mg/L	1.03	<0.0080	1.00	103	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Molybdenum	mg/L	1.03	<0.0080	1.00	103	70 - 130	X516022 - X5D0163-01	14-Apr-25	
EPA 200.7	Nickel	mg/L	1.01	<0.0100	1.00	101	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Nickel	mg/L	1.07	0.104	1.00	96.5	70 - 130	X516022 - X5D0163-01	14-Apr-25	
EPA 200.7	Potassium	mg/L	21.1	<0.50	20.0	103	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Potassium	mg/L	26.2	5.60	20.0	103	70 - 130	X516022 - X5D0163-01	14-Apr-25	
EPA 200.7	Silver	mg/L	0.0459	<0.0050	0.0500	91.7	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Silver	mg/L	0.0490	<0.0050	0.0500	98.1	70 - 130	X516022 - X5D0163-01	14-Apr-25	
EPA 200.7	Sodium	mg/L	19.6	<0.50	19.0	101	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Sodium	mg/L	41.9	22.4	19.0	103	70 - 130	X516022 - X5D0163-01	14-Apr-25	
EPA 200.7	Vanadium	mg/L	1.04	<0.0050	1.00	104	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Vanadium	mg/L	1.03	<0.0050	1.00	103	70 - 130	X516022 - X5D0163-01	14-Apr-25	
EPA 200.7	Zinc	mg/L	1.04	<0.0100	1.00	103	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Zinc	mg/L	2.09	1.11	1.00	98.3	70 - 130	X516022 - X5D0163-01	14-Apr-25	
EPA 200.8	Antimony	mg/L	0.0258	<0.00100	0.0250	103	70 - 130	X514095 - X5C0363-01	09-Apr-25	
EPA 200.8	Antimony	mg/L	0.0250	<0.00100	0.0250	96.5	70 - 130	X514095 - X5C0433-01	09-Apr-25	
EPA 200.8	Arsenic	mg/L	0.0254	<0.00100	0.0250	98.7	70 - 130	X514095 - X5C0363-01	09-Apr-25	
EPA 200.8	Arsenic	mg/L	0.0450	0.0194	0.0250	102	70 - 130	X514095 - X5C0433-01	09-Apr-25	
EPA 200.8	Selenium	mg/L	0.0227	<0.00100	0.0250	89.7	70 - 130	X514095 - X5C0363-01	09-Apr-25	
EPA 200.8	Selenium	mg/L	0.0277	<0.00100	0.0250	110	70 - 130	X514095 - X5C0433-01	09-Apr-25	
EPA 200.8	Thallium	mg/L	0.0243	<0.000200	0.0250	97.4	70 - 130	X514095 - X5C0363-01	09-Apr-25	
EPA 200.8	Thallium	mg/L	0.0229	<0.000200	0.0250	91.7	70 - 130	X514095 - X5C0433-01	09-Apr-25	
EPA 200.8	Uranium	mg/L	0.0282	0.00213	0.0250	104	70 - 130	X514095 - X5C0363-01	09-Apr-25	
EPA 200.8	Uranium	mg/L	0.0285	0.00341	0.0250	100	70 - 130	X514095 - X5C0433-01	09-Apr-25	
Metals (Filtered)										
EPA 245.1	Mercury	mg/L	0.00207	<0.000200	0.00200	104	70 - 130	X514050 - X5C0363-01	07-Apr-25	
EPA 245.1	Mercury	mg/L	0.00202	<0.000200	0.00200	101	70 - 130	X514050 - X5C0383-01	07-Apr-25	
Classical Chemistry Parameters										
ASTM D7237-15A	Cyanide (free) @ pH 6	mg/L	0.0818	<0.0050	0.100	81.8	79 - 121	X513083 - X5C0321-14	31-Mar-25	R4
ASTM D7237-15A	Cyanide (free) @ pH 6	mg/L	0.102	<0.0050	0.100	102	79 - 121	X513083 - X5C0321-15	31-Mar-25	
EPA 335.4	Cyanide (total)	mg/L	0.107	<0.0050	0.100	107	90 - 110	X514012 - X5C0361-01	01-Apr-25	
EPA 335.4	Cyanide (total)	mg/L	0.103	<0.0050	0.100	103	90 - 110	X514012 - X5C0363-01	01-Apr-25	
EPA 350.1	Ammonia as N	mg/L	1.00	<0.030	1.00	100	90 - 110	X514082 - X5C0362-02	02-Apr-25	
EPA 350.1	Ammonia as N	mg/L	1.03	<0.030	1.00	103	90 - 110	X514082 - X5C0362-01	02-Apr-25	
OIA 1677	Cyanide (WAD)	mg/L	0.0509	0.0233	0.100	27.6	82 - 118	X514089 - X5C0295-02	03-Apr-25	M2,R2B
OIA 1677	Cyanide (WAD)	mg/L	0.0517	<0.0050	0.100	49.6	82 - 118	X514089 - X5C0295-01	03-Apr-25	M2
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	58.0	55.3	3.00	91.1	90 - 110	X513052 - X5C0341-01	25-Mar-25	
EPA 300.0	Chloride	mg/L	6.79	3.76	3.00	101	90 - 110	X513052 - X5C0342-04	25-Mar-25	
EPA 300.0	Fluoride	mg/L	2.18	0.458	2.00	86.1	90 - 110	X513052 - X5C0341-01	25-Mar-25	M2
EPA 300.0	Fluoride	mg/L	1.88	<0.100	2.00	92.2	90 - 110	X513052 - X5C0342-04	25-Mar-25	
EPA 300.0	Nitrate as N	mg/L	6.95	4.91	2.00	102	90 - 110	X513052 - X5C0341-01	25-Mar-25	
EPA 300.0	Nitrate as N	mg/L	3.49	1.50	2.00	99.4	90 - 110	X513052 - X5C0342-04	25-Mar-25	
EPA 300.0	Nitrate+Nitrite as N	mg/L	9.00	4.91	4.00	102	90 - 110	X513052 - X5C0341-01	25-Mar-25	
EPA 300.0	Nitrate+Nitrite as N	mg/L	5.49	1.51	4.00	99.7	90 - 110	X513052 - X5C0342-04	25-Mar-25	
EPA 300.0	Nitrite as N	mg/L	2.06	<0.050	2.00	103	90 - 110	X513052 - X5C0341-01	25-Mar-25	
EPA 300.0	Nitrite as N	mg/L	2.00	<0.050	2.00	100	90 - 110	X513052 - X5C0342-04	25-Mar-25	
EPA 300.0	Sulfate as SO4	mg/L	9.81	<0.30	10.0	98.1	90 - 110	X515155 - X5D0143-02	10-Apr-25	

One Government Gulch - PO Box 929
Kellogg, ID 83837-0929
(208) 784-1258
www.svl.net

Cripple Creek & Victor Gold Mining Company
Post Office Box 191
Victor, CO 80860

Project Name: Cripple Creek/Victor Water and Soil 2024
Work Order: **X5C0363**
Reported: 14-Apr-25 14:44

Quality Control - MATRIX SPIKE Data (Continued)

Method	Analyte	Units	Spike Result	Sample Result (R)	Spike Level (S)	% Rec.	Acceptance Limits	Batch and Source ID	Analyzed	Notes
Anions by Ion Chromatography (Continued)										
EPA 300.0	Sulfate as SO4	mg/L	9.73	<0.30	10.0	97.3	90 - 110	X515155 - X5D0143-03	10-Apr-25	
EPA 300.0	Sulfate as SO4	mg/L	728	713	10.0	0.30R>S	90 - 110	X513052 - X5C0341-01	25-Mar-25	M4
EPA 300.0	Sulfate as SO4	mg/L	166	157	10.0	90.3	90 - 110	X513052 - X5C0342-04	25-Mar-25	

Quality Control - MATRIX SPIKE DUPLICATE Data

Method	Analyte	Units	MSD Result	Spike Result	Spike Level	RPD	RPD Limit	% Recovery	Batch and Source ID	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	Calcium	mg/L	115	118	20.0	3.0	20	94	X514238 - X5C0357-01	
EPA 200.7	Magnesium	mg/L	29.3	29.8	20.0	1.7	20	103	X514238 - X5C0357-01	
EPA 200.7	Potassium	mg/L	36.6	37.5	20.0	2.2	20	99.1	X514238 - X5C0357-01	
Metals (Dissolved)										
EPA 200.7	Aluminum	mg/L	1.01	0.998	1.00	1.7	20	101	X514056 - X5C0361-01	
EPA 200.7	Aluminum	mg/L	14.6	14.6	1.00	0.3	20	120	X516022 - X5D0163-01	
EPA 200.7	Barium	mg/L	1.03	1.02	1.00	1.1	20	103	X514056 - X5C0361-01	
EPA 200.7	Barium	mg/L	1.01	1.03	1.00	2.0	20	98.3	X516022 - X5D0163-01	
EPA 200.7	Beryllium	mg/L	1.06	1.03	1.00	2.9	20	106	X514056 - X5C0361-01	
EPA 200.7	Beryllium	mg/L	0.993	1.04	1.00	4.6	20	99.2	X516022 - X5D0163-01	
EPA 200.7	Boron	mg/L	1.08	1.07	1.00	0.9	20	106	X514056 - X5C0361-01	
EPA 200.7	Boron	mg/L	1.12	1.14	1.00	2.4	20	105	X516022 - X5D0163-01	
EPA 200.7	Cadmium	mg/L	1.05	1.03	1.00	1.8	20	105	X514056 - X5C0361-01	
EPA 200.7	Cadmium	mg/L	0.969	1.00	1.00	3.2	20	96.6	X516022 - X5D0163-01	
EPA 200.7	Calcium	mg/L	20.5	20.0	20.0	2.5	20	101	X514056 - X5C0361-01	
EPA 200.7	Calcium	mg/L	164	166	20.0	1.0	20	95.7	X516022 - X5D0163-01	
EPA 200.7	Chromium	mg/L	1.05	1.03	1.00	2.2	20	105	X514056 - X5C0361-01	
EPA 200.7	Chromium	mg/L	0.975	1.00	1.00	2.8	20	97.5	X516022 - X5D0163-01	
EPA 200.7	Cobalt	mg/L	1.03	1.01	1.00	1.8	20	103	X514056 - X5C0361-01	
EPA 200.7	Cobalt	mg/L	0.988	1.01	1.00	2.7	20	93.5	X516022 - X5D0163-01	
EPA 200.7	Copper	mg/L	1.03	1.00	1.00	2.5	20	103	X514056 - X5C0361-01	
EPA 200.7	Copper	mg/L	0.987	1.01	1.00	2.8	20	98.2	X516022 - X5D0163-01	
EPA 200.7	Iron	mg/L	10.1	9.92	10.0	2.3	20	101	X514056 - X5C0361-01	
EPA 200.7	Iron	mg/L	10.3	10.7	10.0	3.8	20	98.4	X516022 - X5D0163-01	
EPA 200.7	Lead	mg/L	1.05	1.03	1.00	2.4	20	105	X514056 - X5C0361-01	
EPA 200.7	Lead	mg/L	0.966	0.997	1.00	3.2	20	96.6	X516022 - X5D0163-01	
EPA 200.7	Lithium	mg/L	0.823	0.815	1.00	0.9	20	82.3	X514056 - X5C0361-01	
EPA 200.7	Lithium	mg/L	1.09	1.13	1.00	2.9	20	109	X516022 - X5D0163-01	
EPA 200.7	Magnesium	mg/L	20.2	19.9	20.0	1.5	20	101	X514056 - X5C0361-01	
EPA 200.7	Magnesium	mg/L	63.6	63.5	20.0	0.1	20	98.9	X516022 - X5D0163-01	
EPA 200.7	Manganese	mg/L	1.04	1.02	1.00	2.1	20	104	X514056 - X5C0361-01	
EPA 200.7	Manganese	mg/L	12.1	12.0	1.00	0.7	20	92.4	X516022 - X5D0163-01	
EPA 200.7	Molybdenum	mg/L	1.05	1.03	1.00	1.8	20	105	X514056 - X5C0361-01	
EPA 200.7	Molybdenum	mg/L	0.995	1.03	1.00	3.2	20	99.5	X516022 - X5D0163-01	
EPA 200.7	Nickel	mg/L	1.02	1.01	1.00	1.7	20	102	X514056 - X5C0361-01	
EPA 200.7	Nickel	mg/L	1.04	1.07	1.00	2.9	20	93.5	X516022 - X5D0163-01	
EPA 200.7	Potassium	mg/L	21.6	21.1	20.0	2.4	20	106	X514056 - X5C0361-01	
EPA 200.7	Potassium	mg/L	25.3	26.2	20.0	3.4	20	98.4	X516022 - X5D0163-01	
EPA 200.7	Silver	mg/L	0.0461	0.0459	0.0500	0.5	20	92.2	X514056 - X5C0361-01	
EPA 200.7	Silver	mg/L	0.0477	0.0490	0.0500	2.7	20	95.5	X516022 - X5D0163-01	
EPA 200.7	Sodium	mg/L	20.2	19.6	19.0	2.8	20	104	X514056 - X5C0361-01	
EPA 200.7	Sodium	mg/L	41.0	41.9	19.0	2.2	20	97.8	X516022 - X5D0163-01	
EPA 200.7	Vanadium	mg/L	1.06	1.04	1.00	2.0	20	106	X514056 - X5C0361-01	
EPA 200.7	Vanadium	mg/L	0.998	1.03	1.00	3.0	20	99.8	X516022 - X5D0163-01	
EPA 200.7	Zinc	mg/L	1.06	1.04	1.00	1.9	20	105	X514056 - X5C0361-01	

One Government Gulch - PO Box 929
Kellogg, ID 83837-0929
(208) 784-1258
www.svl.net

Cripple Creek & Victor Gold Mining Company
Post Office Box 191
Victor, CO 80860

Project Name: Cripple Creek/Victor Water and Soil 2024
Work Order: **X5C0363**
Reported: 14-Apr-25 14:44

Quality Control - MATRIX SPIKE DUPLICATE Data (Continued)

Method	Analyte	Units	MSD Result	Spike Result	Spike Level	RPD	RPD Limit	% Recovery	Batch and Source ID	Notes
Metals (Dissolved) (Continued)										
EPA 200.7	Zinc	mg/L	2.06	2.09	1.00	1.4	20	95.4	X516022 - X5D0163-01	
EPA 200.8	Antimony	mg/L	0.0261	0.0258	0.0250	1.3	20	104	X514095 - X5C0363-01	
EPA 200.8	Arsenic	mg/L	0.0266	0.0254	0.0250	4.4	20	103	X514095 - X5C0363-01	
EPA 200.8	Selenium	mg/L	0.0256	0.0227	0.0250	11.8	20	101	X514095 - X5C0363-01	
EPA 200.8	Thallium	mg/L	0.0243	0.0243	0.0250	0.3	20	97.1	X514095 - X5C0363-01	
EPA 200.8	Uranium	mg/L	0.0272	0.0282	0.0250	3.4	20	100	X514095 - X5C0363-01	
Metals (Filtered)										
EPA 245.1	Mercury	mg/L	0.00206	0.00207	0.00200	0.7	20	103	X514050 - X5C0363-01	
Classical Chemistry Parameters										
ASTM D7237-15A	Cyanide (free) @ pH 6	mg/L	0.0931	0.0818	0.100	12.9	11	93.1	X513083 - X5C0321-14	R4
EPA 335.4	Cyanide (total)	mg/L	0.106	0.107	0.100	0.4	20	106	X514012 - X5C0361-01	
EPA 350.1	Ammonia as N	mg/L	1.01	1.00	1.00	0.6	20	101	X514082 - X5C0362-02	
OIA 1677	Cyanide (WAD)	mg/L	0.0703	0.0509	0.100	32.0	11	47.0	X514089 - X5C0295-02	M2,R2B
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	58.7	58.0	3.00	1.1	20	0.30R>S	X513052 - X5C0341-01	M4
EPA 300.0	Chloride	mg/L	3.02	2.94	3.00	2.7	20	99.2	X515155 - X5D0143-02	
EPA 300.0	Fluoride	mg/L	2.28	2.18	2.00	4.3	20	90.9	X513052 - X5C0341-01	
EPA 300.0	Fluoride	mg/L	1.99	1.95	2.00	2.3	20	98.5	X515155 - X5D0143-02	
EPA 300.0	Nitrate as N	mg/L	7.03	6.95	2.00	1.2	20	106	X513052 - X5C0341-01	
EPA 300.0	Nitrate as N	mg/L	2.02	1.95	2.00	3.2	20	99.4	X515155 - X5D0143-02	
EPA 300.0	Nitrate+Nitrite as N	mg/L	9.09	9.00	4.00	1.0	20	104	X513052 - X5C0341-01	
EPA 300.0	Nitrate+Nitrite as N	mg/L	4.04	3.93	4.00	2.9	20	101	X515155 - X5D0143-02	
EPA 300.0	Nitrite as N	mg/L	2.06	2.06	2.00	0.2	20	103	X513052 - X5C0341-01	
EPA 300.0	Nitrite as N	mg/L	2.03	1.98	2.00	2.6	20	101	X515155 - X5D0143-02	
EPA 300.0	Sulfate as SO4	mg/L	721	728	10.0	0.9	20	0.30R>S	X513052 - X5C0341-01	M4
EPA 300.0	Sulfate as SO4	mg/L	10.1	9.81	10.0	3.3	20	101	X515155 - X5D0143-02	

One Government Gulch - PO Box 929
Kellogg, ID 83837-0929
(208) 784-1258
www.svl.net

Cripple Creek & Victor Gold Mining Company	**Project Name: Cripple Creek/Victor Water and Soil 2024**
Post Office Box 191	Work Order: **X5C0363**
Victor, CO 80860	Reported: 14-Apr-25 14:44

Notes and Definitions

H5	This test is specified to be performed in the field within 15 minutes of sampling; sample was received and analyzed past the regulatory holding time.
M2	Matrix spike recovery was low, but the LCS recovery was acceptable.
M4	The analysis of the spiked sample required a dilution such that the spike recovery calculation does not provide useful information. The LCS recovery was acceptable.
R2B	RPD exceeded the laboratory acceptance limit.
R4	MS/MSD RPD exceeded the method acceptance limit. Recovery met acceptance criteria.
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

One Government Gulch - PO Box 929
Kellogg, ID 83837-0929
(208) 784-1258
www.svl.net

Cripple Creek & Victor Gold Mining Company
Post Office Box 191
Victor, CO 80860

Project Name: Cripple Creek/Victor Water and Soil 2024
Work Order: **X5C0371**
Reported: 10-Apr-25 14:07

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received	Notes
VIN-2B	X5C0371-01	Ground Water	25-Mar-25 09:25	JC	26-Mar-2025	

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: X5C0371

The state of origin only accredits for drinking water analyses.

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

One Government Gulch - PO Box 929
Kellogg, ID 83837-0929
(208) 784-1258
www.svl.net

Cripple Creek & Victor Gold Mining Company
Post Office Box 191
Victor, CO 80860

Project Name: Cripple Creek/Victor Water and Soil 2024
Work Order: **X5C0371**
Reported: 10-Apr-25 14:07

Client Sample ID: **VIN-2B**
SVL Sample ID: **X5C0371-01 (Ground Water)**

Sampled: 25-Mar-25 09:25
Received: 26-Mar-25
Sampled By: JC

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	209	mg/L	0.100	0.069		X514238	NMS	04/07/25 13:49	
EPA 200.7	**Magnesium**	55.2	mg/L	0.500	0.090		X514238	NMS	04/07/25 13:49	
EPA 200.7	**Potassium**	2.32	mg/L	0.50	0.18		X514238	NMS	04/07/25 13:49	
SM 2340 B	**Hardness (as CaCO3)**	750	mg/L	2.31	0.543		N/A		04/02/25 13:20	
Metals (Dissolved)										
EPA 200.7	Aluminum	< 0.080	mg/L	0.080	0.054		X514056	SJN	04/02/25 13:20	
EPA 200.7	**Barium**	0.0087	mg/L	0.0020	0.0019		X514056	SJN	04/02/25 13:20	
EPA 200.7	Beryllium	< 0.00200	mg/L	0.00200	0.00080		X514056	SJN	04/02/25 13:20	
EPA 200.7	Boron	< 0.0400	mg/L	0.0400	0.0078		X514056	SJN	04/02/25 13:20	
EPA 200.7	Cadmium	< 0.0020	mg/L	0.0020	0.0016		X514056	SJN	04/02/25 13:20	
EPA 200.7	**Calcium**	200	mg/L	0.100	0.069		X514056	SJN	04/02/25 13:20	
EPA 200.7	Chromium	< 0.0060	mg/L	0.0060	0.0020		X514056	SJN	04/02/25 13:20	
EPA 200.7	**Cobalt**	0.0063	mg/L	0.0060	0.0046		X514056	SJN	04/02/25 13:20	
EPA 200.7	Copper	< 0.0100	mg/L	0.0100	0.0027		X514056	SJN	04/02/25 13:20	
EPA 200.7	**Iron**	0.144	mg/L	0.100	0.056		X514056	SJN	04/02/25 13:20	
EPA 200.7	Lead	< 0.0075	mg/L	0.0075	0.0049		X514056	SJN	04/02/25 13:20	
EPA 200.7	Lithium	< 0.040	mg/L	0.040	0.025		X514056	SJN	04/02/25 14:16	
EPA 200.7	**Magnesium**	52.2	mg/L	0.500	0.090		X514056	SJN	04/02/25 13:20	
EPA 200.7	**Manganese**	3.10	mg/L	0.0080	0.0034		X514056	SJN	04/02/25 13:20	
EPA 200.7	Molybdenum	< 0.0080	mg/L	0.0080	0.0034		X514056	SJN	04/02/25 13:20	
EPA 200.7	Nickel	< 0.0100	mg/L	0.0100	0.0048		X514056	SJN	04/02/25 13:20	
EPA 200.7	**Potassium**	3.42	mg/L	0.50	0.18		X514056	SJN	04/02/25 13:20	
EPA 200.7	Silver	< 0.0050	mg/L	0.0050	0.0019		X514056	SJN	04/02/25 14:16	
EPA 200.7	**Sodium**	33.0	mg/L	0.50	0.12		X514056	SJN	04/02/25 13:20	
EPA 200.7	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X514056	SJN	04/02/25 13:20	
EPA 200.7	Zinc	< 0.0100	mg/L	0.0100	0.0054		X514056	SJN	04/02/25 13:20	
EPA 200.8	Antimony	< 0.00100	mg/L	0.00100	0.00072		X514095	SMU	04/09/25 12:09	
EPA 200.8	Arsenic	< 0.00100	mg/L	0.00100	0.00021		X514095	SMU	04/09/25 12:09	
EPA 200.8	Selenium	< 0.00100	mg/L	0.00100	0.00024		X514095	SMU	04/09/25 12:09	
EPA 200.8	Thallium	< 0.000200	mg/L	0.000200	0.00008		X514095	SMU	04/09/25 12:09	
EPA 200.8	**Uranium**	0.000159	mg/L	0.000100	0.000052		X514095	SMU	04/09/25 12:09	
Metals (Filtered)										
EPA 245.1	Mercury	< 0.000200	mg/L	0.000200	0.000093		X514050	SJN	04/07/25 15:41	
Classical Chemistry Parameters										
ASTM D7237-15A	Cyanide (free) @ pH 6	< 0.0050	mg/L	0.0050	0.0048		X514174	JPM	04/04/25 08:39	
EPA 335.4	Cyanide (total)	< 0.0050	mg/L	0.0050	0.0038		X514012	ORW	04/01/25 08:47	
EPA 350.1	Ammonia as N	< 0.030	mg/L	0.030	0.013		X514082	JPM	04/02/25 14:33	
OIA 1677	Cyanide (WAD)	< 0.0050	mg/L	0.0050	0.0010		X514089	JPM	04/03/25 15:05	
SM 2310 B	**Acidity to pH 8.3**	-72.7	mg/L as CaCO3	10.0			X514230	MWD	04/04/25 12:39	
SM 2320 B	**Total Alkalinity**	64.8	mg/L as CaCO3	1.0			X514137	MWD	04/02/25 12:31	
SM 2320 B	**Bicarbonate**	64.8	mg/L as CaCO3	1.0			X514137	MWD	04/02/25 12:31	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO3	1.0			X514137	MWD	04/02/25 12:31	
SM 2320 B	Hydroxide	< 1.0	mg/L as CaCO3	1.0			X514137	MWD	04/02/25 12:31	
SM 2540 C	**Total Diss. Solids**	1190	mg/L	10			X513119	TJL	03/28/25 12:50	
SM 2540 D	Total Susp. Solids	< 5.0	mg/L	5.0			X513121	TJL	03/28/25 14:40	
SM 4500 H B	**pH @18.4°C**	7.2	pH Units				X514137	MWD	04/02/25 12:31	H5

SVL holds the following certifications:
AZ:0538, **ID**:ID00019, **NV**:ID000192007A, **UT**(**TNI**):ID000192015-1, **WA**:C573

One Government Gulch - PO Box 929
Kellogg, ID 83837-0929
(208) 784-1258
www.svl.net

Cripple Creek & Victor Gold Mining Company
Post Office Box 191
Victor, CO 80860

Project Name: Cripple Creek/Victor Water and Soil 2024
Work Order: **X5C0371**
Reported: 10-Apr-25 14:07

Client Sample ID: **VIN-2B**
SVL Sample ID: **X5C0371-01 (Ground Water)**

Sampled: 25-Mar-25 09:25
Received: 26-Mar-25
Sampled By: JC

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Anions by Ion Chromatography										
EPA 300.0	**Chloride**	11.4	mg/L	0.20	0.02		X513095	RS	03/26/25 15:49	
EPA 300.0	**Fluoride**	0.152	mg/L	0.100	0.017		X513095	RS	03/26/25 15:49	M2
EPA 300.0	Nitrate as N	< 0.050	mg/L	0.050	0.013		X513095	RS	03/26/25 15:49	
EPA 300.0	Nitrate+Nitrite as N	< 0.100	mg/L	0.100	0.044		X513095	RS	03/26/25 15:49	M2
EPA 300.0	Nitrite as N	< 0.050	mg/L	0.050	0.031		X513095	RS	03/26/25 15:49	
EPA 300.0	**Sulfate as SO4**	726	mg/L	7.50	4.50	25	X513095	RS	03/26/25 16:04	M4
Cation/Anion Balance and TDS Ratios										

Cation Sum: 15.9 meq/L Anion Sum: 16.7 meq/L C/A Balance: -2.58 % Calculated TDS: 1071 TDS/cTDS: 1.11

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
Kellogg, ID 83837-0929
(208) 784-1258
www.svl.net

Cripple Creek & Victor Gold Mining Company
Post Office Box 191
Victor, CO 80860

Project Name: Cripple Creek/Victor Water and Soil 2024
Work Order: **X5C0371**
Reported: 10-Apr-25 14:07

Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)								
EPA 200.7	Calcium	mg/L	<0.100	0.069	0.100	X514238	07-Apr-25	
EPA 200.7	Magnesium	mg/L	<0.500	0.090	0.500	X514238	07-Apr-25	
EPA 200.7	Potassium	mg/L	<0.50	0.18	0.50	X514238	07-Apr-25	
Metals (Dissolved)								
EPA 200.7	Aluminum	mg/L	<0.080	0.054	0.080	X514056	02-Apr-25	
EPA 200.7	Barium	mg/L	<0.0020	0.0019	0.0020	X514056	02-Apr-25	
EPA 200.7	Beryllium	mg/L	<0.00200	0.00080	0.00200	X514056	02-Apr-25	
EPA 200.7	Boron	mg/L	<0.0400	0.0078	0.0400	X514056	02-Apr-25	
EPA 200.7	Cadmium	mg/L	<0.0020	0.0016	0.0020	X514056	02-Apr-25	
EPA 200.7	Calcium	mg/L	<0.100	0.069	0.100	X514056	02-Apr-25	
EPA 200.7	Chromium	mg/L	<0.0060	0.0020	0.0060	X514056	02-Apr-25	
EPA 200.7	Cobalt	mg/L	<0.0060	0.0046	0.0060	X514056	02-Apr-25	
EPA 200.7	Copper	mg/L	<0.0100	0.0027	0.0100	X514056	02-Apr-25	
EPA 200.7	Iron	mg/L	<0.100	0.056	0.100	X514056	02-Apr-25	
EPA 200.7	Lead	mg/L	<0.0075	0.0049	0.0075	X514056	02-Apr-25	
EPA 200.7	Lithium	mg/L	<0.040	0.025	0.040	X514056	02-Apr-25	
EPA 200.7	Magnesium	mg/L	<0.500	0.090	0.500	X514056	02-Apr-25	
EPA 200.7	Manganese	mg/L	<0.0080	0.0034	0.0080	X514056	02-Apr-25	
EPA 200.7	Molybdenum	mg/L	<0.0080	0.0034	0.0080	X514056	02-Apr-25	
EPA 200.7	Nickel	mg/L	<0.0100	0.0048	0.0100	X514056	02-Apr-25	
EPA 200.7	Potassium	mg/L	<0.50	0.18	0.50	X514056	02-Apr-25	
EPA 200.7	Silver	mg/L	<0.0050	0.0019	0.0050	X514056	02-Apr-25	
EPA 200.7	Sodium	mg/L	<0.50	0.12	0.50	X514056	02-Apr-25	
EPA 200.7	Vanadium	mg/L	<0.0050	0.0019	0.0050	X514056	02-Apr-25	
EPA 200.7	Zinc	mg/L	<0.0100	0.0054	0.0100	X514056	02-Apr-25	
EPA 200.8	Antimony	mg/L	<0.00100	0.00072	0.00100	X514095	09-Apr-25	
EPA 200.8	Arsenic	mg/L	<0.00100	0.00021	0.00100	X514095	09-Apr-25	
EPA 200.8	Selenium	mg/L	<0.00100	0.00024	0.00100	X514095	09-Apr-25	
EPA 200.8	Thallium	mg/L	<0.000200	0.00008	0.000200	X514095	09-Apr-25	
EPA 200.8	Uranium	mg/L	<0.000100	0.000052	0.000100	X514095	09-Apr-25	
Metals (Filtered)								
EPA 245.1	Mercury	mg/L	<0.000200	0.000093	0.000200	X514050	07-Apr-25	
Classical Chemistry Parameters								
ASTM D7237-15A	Cyanide (free) @ pH 6	mg/L	<0.0050	0.0048	0.0050	X514174	04-Apr-25	
ASTM D7237-15A	Cyanide (free) @ pH 6	mg/L	<0.0050	0.0048	0.0050	X514174	08-Apr-25	
EPA 335.4	Cyanide (total)	mg/L	<0.0050	0.0038	0.0050	X514012	01-Apr-25	
EPA 350.1	Ammonia as N	mg/L	<0.030	0.013	0.030	X514082	02-Apr-25	
OIA 1677	Cyanide (WAD)	mg/L	<0.0050	0.0010	0.0050	X514089	03-Apr-25	
SM 2310 B	Acidity to pH 8.3	mg/L as CaCO3	<10.0		10.0	X514230	04-Apr-25	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	<1.0		1.0	X514137	02-Apr-25	
SM 2320 B	Bicarbonate	mg/L as CaCO3	<1.0		1.0	X514137	02-Apr-25	
SM 2320 B	Carbonate	mg/L as CaCO3	<1.0		1.0	X514137	02-Apr-25	
SM 2320 B	Hydroxide	mg/L as CaCO3	<1.0		1.0	X514137	02-Apr-25	
SM 2540 C	Total Diss. Solids	mg/L	<10		10	X513119	28-Mar-25	
SM 2540 D	Total Susp. Solids	mg/L	<5.0		5.0	X513121	28-Mar-25	
Anions by Ion Chromatography								
EPA 300.0	Chloride	mg/L	<0.20	0.02	0.20	X513095	26-Mar-25	
EPA 300.0	Fluoride	mg/L	<0.100	0.017	0.100	X513095	26-Mar-25	
EPA 300.0	Nitrate as N	mg/L	<0.050	0.013	0.050	X513095	26-Mar-25	
EPA 300.0	Nitrate+Nitrite as N	mg/L	<0.100	0.044	0.100	X513095	26-Mar-25	
EPA 300.0	Nitrite as N	mg/L	<0.050	0.031	0.050	X513095	26-Mar-25	
EPA 300.0	Sulfate as SO4	mg/L	<0.30	0.18	0.30	X513095	26-Mar-25	

One Government Gulch - PO Box 929
Kellogg, ID 83837-0929
(208) 784-1258
www.svl.net

Cripple Creek & Victor Gold Mining Company
Post Office Box 191
Victor, CO 80860

Project Name: Cripple Creek/Victor Water and Soil 2024
Work Order: **X5C0371**
Reported: 10-Apr-25 14:07

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	20.4	20.0	102	85 - 115	X514238	07-Apr-25	
EPA 200.7	Magnesium	mg/L	20.6	20.0	103	85 - 115	X514238	07-Apr-25	
EPA 200.7	Potassium	mg/L	20.1	20.0	101	85 - 115	X514238	07-Apr-25	
Metals (Dissolved)									
EPA 200.7	Aluminum	mg/L	0.951	1.00	95.1	85 - 115	X514056	02-Apr-25	
EPA 200.7	Barium	mg/L	0.966	1.00	96.6	85 - 115	X514056	02-Apr-25	
EPA 200.7	Beryllium	mg/L	0.988	1.00	98.8	85 - 115	X514056	02-Apr-25	
EPA 200.7	Boron	mg/L	1.00	1.00	100	85 - 115	X514056	02-Apr-25	
EPA 200.7	Cadmium	mg/L	0.970	1.00	97.0	85 - 115	X514056	02-Apr-25	
EPA 200.7	Calcium	mg/L	18.8	20.0	94.2	85 - 115	X514056	02-Apr-25	
EPA 200.7	Chromium	mg/L	0.979	1.00	97.9	85 - 115	X514056	02-Apr-25	
EPA 200.7	Cobalt	mg/L	0.954	1.00	95.4	85 - 115	X514056	02-Apr-25	
EPA 200.7	Copper	mg/L	0.973	1.00	97.3	85 - 115	X514056	02-Apr-25	
EPA 200.7	Iron	mg/L	9.46	10.0	94.6	85 - 115	X514056	02-Apr-25	
EPA 200.7	Lead	mg/L	0.971	1.00	97.1	85 - 115	X514056	02-Apr-25	
EPA 200.7	Lithium	mg/L	0.870	1.00	87.0	85 - 115	X514056	02-Apr-25	
EPA 200.7	Magnesium	mg/L	18.6	20.0	93.2	85 - 115	X514056	02-Apr-25	
EPA 200.7	Manganese	mg/L	0.967	1.00	96.7	85 - 115	X514056	02-Apr-25	
EPA 200.7	Molybdenum	mg/L	0.981	1.00	98.1	85 - 115	X514056	02-Apr-25	
EPA 200.7	Nickel	mg/L	0.952	1.00	95.2	85 - 115	X514056	02-Apr-25	
EPA 200.7	Potassium	mg/L	19.9	20.0	99.4	85 - 115	X514056	02-Apr-25	
EPA 200.7	Silver	mg/L	0.0483	0.0500	96.7	85 - 115	X514056	02-Apr-25	
EPA 200.7	Sodium	mg/L	18.4	19.0	96.9	85 - 115	X514056	02-Apr-25	
EPA 200.7	Vanadium	mg/L	1.00	1.00	100	85 - 115	X514056	02-Apr-25	
EPA 200.7	Zinc	mg/L	0.965	1.00	96.5	85 - 115	X514056	02-Apr-25	
EPA 200.8	Antimony	mg/L	0.0247	0.0250	98.9	85 - 115	X514095	09-Apr-25	
EPA 200.8	Arsenic	mg/L	0.0261	0.0250	104	85 - 115	X514095	09-Apr-25	
EPA 200.8	Selenium	mg/L	0.0277	0.0250	111	85 - 115	X514095	09-Apr-25	
EPA 200.8	Thallium	mg/L	0.0248	0.0250	99.3	85 - 115	X514095	09-Apr-25	
EPA 200.8	Uranium	mg/L	0.0258	0.0250	103	85 - 115	X514095	09-Apr-25	
Metals (Filtered)									
EPA 245.1	Mercury	mg/L	0.00209	0.00200	104	85 - 115	X514050	07-Apr-25	
Classical Chemistry Parameters									
ASTM D7237-15A	Cyanide (free) @ pH 6	mg/L	0.103	0.100	103	90 - 110	X514174	04-Apr-25	
ASTM D7237-15A	Cyanide (free) @ pH 6	mg/L	0.103	0.100	103	90 - 110	X514174	08-Apr-25	
EPA 335.4	Cyanide (total)	mg/L	0.0994	0.100	99.4	90 - 110	X514012	01-Apr-25	
EPA 350.1	Ammonia as N	mg/L	0.987	1.00	98.7	90 - 110	X514082	02-Apr-25	
OIA 1677	Cyanide (WAD)	mg/L	0.106	0.100	106	90 - 110	X514089	03-Apr-25	
SM 2310 B	Acidity to pH 8.3	mg/L as CaCO3	727	706	103	95.4 - 104	X514230	04-Apr-25	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	9.80	9.93	98.7	94 - 106	X514137	02-Apr-25	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	101	99.3	101	94 - 106	X514137	02-Apr-25	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	411	397	103	94 - 106	X514137	02-Apr-25	
SM 2540 D	Total Susp. Solids	mg/L	10.0	10.0	100	85 - 115	X513121	28-Mar-25	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	2.94	3.00	98.1	90 - 110	X513095	26-Mar-25	
EPA 300.0	Fluoride	mg/L	1.99	2.00	99.3	90 - 110	X513095	26-Mar-25	
EPA 300.0	Nitrate as N	mg/L	1.95	2.00	97.6	90 - 110	X513095	26-Mar-25	
EPA 300.0	Nitrate+Nitrite as N	mg/L	4.49	4.50	99.7	90 - 110	X513095	26-Mar-25	
EPA 300.0	Nitrite as N	mg/L	2.53	2.50	101	90 - 110	X513095	26-Mar-25	
EPA 300.0	Sulfate as SO4	mg/L	9.84	10.0	98.4	90 - 110	X513095	26-Mar-25	

One Government Gulch - PO Box 929
Kellogg, ID 83837-0929
(208) 784-1258
www.svl.net

Cripple Creek & Victor Gold Mining Company
Post Office Box 191
Victor, CO 80860

Project Name: Cripple Creek/Victor Water and Soil 2024
Work Order: **X5C0371**
Reported: 10-Apr-25 14:07

Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch and Source ID	Analyzed	Notes
Classical Chemistry Parameters									
SM 2310 B	Acidity to pH 8.3	mg/L as CaCO3	<10.0	<10.0	<RL	20	X514230 - X5C0361-01	04-Apr-25	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	105	106	1.0	20	X514137 - X5C0363-01	02-Apr-25	
SM 2320 B	Bicarbonate	mg/L as CaCO3	105	106	1.0	20	X514137 - X5C0363-01	02-Apr-25	
SM 2320 B	Carbonate	mg/L as CaCO3	<1.0	<1.0	UDL	20	X514137 - X5C0363-01	02-Apr-25	
SM 2320 B	Hydroxide	mg/L as CaCO3	<1.0	<1.0	UDL	20	X514137 - X5C0363-01	02-Apr-25	
SM 2540 C	Total Diss. Solids	mg/L	160	160	0.0	10	X513119 - X5C0359-01	28-Mar-25	
SM 2540 C	Total Diss. Solids	mg/L	409	402	1.7	10	X513119 - X5C0357-01	28-Mar-25	
SM 2540 D	Total Susp. Solids	mg/L	<5.0	<5.0	UDL	10	X513121 - X5C0357-01	28-Mar-25	
SM 4500 H B	pH @18.3°C	pH Units	7.4	7.4	0.4	20	X514137 - X5C0363-01	02-Apr-25	

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
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	Calcium	mg/L	118	95.8	20.0	110	70 - 130	X514238 - X5C0357-01	07-Apr-25	
EPA 200.7	Calcium	mg/L	231	209	20.0	108	70 - 130	X514238 - X5C0371-01	07-Apr-25	
EPA 200.7	Magnesium	mg/L	29.8	8.70	20.0	105	70 - 130	X514238 - X5C0357-01	07-Apr-25	
EPA 200.7	Magnesium	mg/L	77.3	55.2	20.0	110	70 - 130	X514238 - X5C0371-01	07-Apr-25	
EPA 200.7	Potassium	mg/L	37.5	16.8	20.0	103	70 - 130	X514238 - X5C0357-01	07-Apr-25	
EPA 200.7	Potassium	mg/L	22.5	2.32	20.0	101	70 - 130	X514238 - X5C0371-01	07-Apr-25	
Metals (Dissolved)										
EPA 200.7	Aluminum	mg/L	0.998	<0.080	1.00	99.8	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Barium	mg/L	1.02	<0.0020	1.00	102	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Beryllium	mg/L	1.03	<0.00200	1.00	103	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Boron	mg/L	1.07	<0.0400	1.00	105	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Cadmium	mg/L	1.03	<0.0020	1.00	103	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Calcium	mg/L	20.0	0.247	20.0	98.6	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Chromium	mg/L	1.03	<0.0060	1.00	103	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Cobalt	mg/L	1.01	<0.0060	1.00	101	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Copper	mg/L	1.00	<0.0100	1.00	100	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Iron	mg/L	9.92	<0.100	10.0	99.2	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Lead	mg/L	1.03	<0.0075	1.00	103	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Lithium	mg/L	0.815	<0.040	1.00	81.5	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Magnesium	mg/L	19.9	<0.500	20.0	99.4	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Manganese	mg/L	1.02	<0.0080	1.00	102	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Molybdenum	mg/L	1.03	<0.0080	1.00	103	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Nickel	mg/L	1.01	<0.0100	1.00	101	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Potassium	mg/L	21.1	<0.50	20.0	103	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Silver	mg/L	0.0459	<0.0050	0.0500	91.7	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Sodium	mg/L	19.6	<0.50	19.0	101	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Vanadium	mg/L	1.04	<0.0050	1.00	104	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.7	Zinc	mg/L	1.04	<0.0100	1.00	103	70 - 130	X514056 - X5C0361-01	02-Apr-25	
EPA 200.8	Antimony	mg/L	0.0258	<0.00100	0.0250	103	70 - 130	X514095 - X5C0363-01	09-Apr-25	
EPA 200.8	Antimony	mg/L	0.0250	<0.00100	0.0250	96.5	70 - 130	X514095 - X5C0433-01	09-Apr-25	
EPA 200.8	Arsenic	mg/L	0.0254	<0.00100	0.0250	98.7	70 - 130	X514095 - X5C0363-01	09-Apr-25	
EPA 200.8	Arsenic	mg/L	0.0450	0.0194	0.0250	102	70 - 130	X514095 - X5C0433-01	09-Apr-25	
EPA 200.8	Selenium	mg/L	0.0227	<0.00100	0.0250	89.7	70 - 130	X514095 - X5C0363-01	09-Apr-25	
EPA 200.8	Selenium	mg/L	0.0277	<0.00100	0.0250	110	70 - 130	X514095 - X5C0433-01	09-Apr-25	

One Government Gulch - PO Box 929
Kellogg, ID 83837-0929
(208) 784-1258
www.svl.net

Cripple Creek & Victor Gold Mining Company
Post Office Box 191
Victor, CO 80860

Project Name: Cripple Creek/Victor Water and Soil 2024
Work Order: **X5C0371**
Reported: 10-Apr-25 14:07

Quality Control - MATRIX SPIKE Data (Continued)

Method	Analyte	Units	Spike Result	Sample Result (R)	Spike Level (S)	% Rec.	Acceptance Limits	Batch and Source ID	Analyzed	Notes
Metals (Dissolved) (Continued)										
EPA 200.8	Thallium	mg/L	0.0243	<0.000200	0.0250	97.4	70 - 130	X514095 - X5C0363-01	09-Apr-25	
EPA 200.8	Thallium	mg/L	0.0229	<0.000200	0.0250	91.7	70 - 130	X514095 - X5C0433-01	09-Apr-25	
EPA 200.8	Uranium	mg/L	0.0282	0.00213	0.0250	104	70 - 130	X514095 - X5C0363-01	09-Apr-25	
EPA 200.8	Uranium	mg/L	0.0285	0.00341	0.0250	100	70 - 130	X514095 - X5C0433-01	09-Apr-25	
Metals (Filtered)										
EPA 245.1	Mercury	mg/L	0.00207	<0.000200	0.00200	104	70 - 130	X514050 - X5C0363-01	07-Apr-25	
EPA 245.1	Mercury	mg/L	0.00202	<0.000200	0.00200	101	70 - 130	X514050 - X5C0383-01	07-Apr-25	
Classical Chemistry Parameters										
ASTM D7237-15A	Cyanide (free) @ pH 6	mg/L	0.108	<0.0050	0.100	108	79 - 121	X514174 - X5D0024-01	04-Apr-25	
ASTM D7237-15A	Cyanide (free) @ pH 6	mg/L	0.101	<0.0050	0.100	101	79 - 121	X514174 - X5D0024-02	08-Apr-25	
EPA 335.4	Cyanide (total)	mg/L	0.107	<0.0050	0.100	107	90 - 110	X514012 - X5C0361-01	01-Apr-25	
EPA 335.4	Cyanide (total)	mg/L	0.103	<0.0050	0.100	103	90 - 110	X514012 - X5C0363-01	01-Apr-25	
EPA 350.1	Ammonia as N	mg/L	1.00	<0.030	1.00	100	90 - 110	X514082 - X5C0362-02	02-Apr-25	
EPA 350.1	Ammonia as N	mg/L	1.03	<0.030	1.00	103	90 - 110	X514082 - X5C0362-01	02-Apr-25	
OIA 1677	Cyanide (WAD)	mg/L	0.0509	0.0233	0.100	27.6	82 - 118	X514089 - X5C0295-02	03-Apr-25	M2,R2B
OIA 1677	Cyanide (WAD)	mg/L	0.0517	<0.0050	0.100	49.6	82 - 118	X514089 - X5C0295-01	03-Apr-25	M2
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	14.1	11.4	3.00	92.2	90 - 110	X513095 - X5C0371-01	26-Mar-25	
EPA 300.0	Chloride	mg/L	23.1	19.9	3.00	104	90 - 110	X513095 - X5C0372-02	26-Mar-25	
EPA 300.0	Fluoride	mg/L	1.74	0.152	2.00	79.4	90 - 110	X513095 - X5C0371-01	26-Mar-25	M2
EPA 300.0	Fluoride	mg/L	2.08	0.160	2.00	95.9	90 - 110	X513095 - X5C0372-02	26-Mar-25	
EPA 300.0	Nitrate as N	mg/L	1.98	<0.050	2.00	98.9	90 - 110	X513095 - X5C0371-01	26-Mar-25	
EPA 300.0	Nitrate as N	mg/L	3.40	1.87	2.00	76.5	90 - 110	X513095 - X5C0372-02	26-Mar-25	M1
EPA 300.0	Nitrate+Nitrite as N	mg/L	4.03	<0.100	4.00	101	90 - 110	X513095 - X5C0371-01	26-Mar-25	M2
EPA 300.0	Nitrate+Nitrite as N	mg/L	5.46	1.90	4.00	88.8	90 - 110	X513095 - X5C0372-02	26-Mar-25	M1
EPA 300.0	Nitrite as N	mg/L	2.05	<0.050	2.00	103	90 - 110	X513095 - X5C0371-01	26-Mar-25	
EPA 300.0	Nitrite as N	mg/L	2.06	<0.050	2.00	101	90 - 110	X513095 - X5C0372-02	26-Mar-25	
EPA 300.0	Sulfate as SO4	mg/L	739	726	10.0	0.30R>S	90 - 110	X513095 - X5C0371-01	26-Mar-25	M4
EPA 300.0	Sulfate as SO4	mg/L	471	453	10.0	0.30R>S	90 - 110	X513095 - X5C0372-02	26-Mar-25	M4

Quality Control - MATRIX SPIKE DUPLICATE Data

Method	Analyte	Units	MSD Result	Spike Result	Spike Level	RPD	RPD Limit	% Recovery	Batch and Source ID	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	Calcium	mg/L	115	118	20.0	3.0	20	94	X514238 - X5C0357-01	
EPA 200.7	Magnesium	mg/L	29.3	29.8	20.0	1.7	20	103	X514238 - X5C0357-01	
EPA 200.7	Potassium	mg/L	36.6	37.5	20.0	2.2	20	99.1	X514238 - X5C0357-01	
Metals (Dissolved)										
EPA 200.7	Aluminum	mg/L	1.01	0.998	1.00	1.7	20	101	X514056 - X5C0361-01	
EPA 200.7	Barium	mg/L	1.03	1.02	1.00	1.1	20	103	X514056 - X5C0361-01	
EPA 200.7	Beryllium	mg/L	1.06	1.03	1.00	2.9	20	106	X514056 - X5C0361-01	
EPA 200.7	Boron	mg/L	1.08	1.07	1.00	0.9	20	106	X514056 - X5C0361-01	
EPA 200.7	Cadmium	mg/L	1.05	1.03	1.00	1.8	20	105	X514056 - X5C0361-01	
EPA 200.7	Calcium	mg/L	20.5	20.0	20.0	2.5	20	101	X514056 - X5C0361-01	
EPA 200.7	Chromium	mg/L	1.05	1.03	1.00	2.2	20	105	X514056 - X5C0361-01	
EPA 200.7	Cobalt	mg/L	1.03	1.01	1.00	1.8	20	103	X514056 - X5C0361-01	

One Government Gulch - PO Box 929
Kellogg, ID 83837-0929
(208) 784-1258
www.svl.net

Cripple Creek & Victor Gold Mining Company
Post Office Box 191
Victor, CO 80860

Project Name: Cripple Creek/Victor Water and Soil 2024
Work Order: **X5C0371**
Reported: 10-Apr-25 14:07

Quality Control - MATRIX SPIKE DUPLICATE Data (Continued)

Method	Analyte	Units	MSD Result	Spike Result	Spike Level	RPD	RPD Limit	% Recovery	Batch and Source ID	Notes
Metals (Dissolved) (Continued)										
EPA 200.7	Copper	mg/L	1.03	1.00	1.00	2.5	20	103	X514056 - X5C0361-01	
EPA 200.7	Iron	mg/L	10.1	9.92	10.0	2.3	20	101	X514056 - X5C0361-01	
EPA 200.7	Lead	mg/L	1.05	1.03	1.00	2.4	20	105	X514056 - X5C0361-01	
EPA 200.7	Lithium	mg/L	0.823	0.815	1.00	0.9	20	82.3	X514056 - X5C0361-01	
EPA 200.7	Magnesium	mg/L	20.2	19.9	20.0	1.5	20	101	X514056 - X5C0361-01	
EPA 200.7	Manganese	mg/L	1.04	1.02	1.00	2.1	20	104	X514056 - X5C0361-01	
EPA 200.7	Molybdenum	mg/L	1.05	1.03	1.00	1.8	20	105	X514056 - X5C0361-01	
EPA 200.7	Nickel	mg/L	1.02	1.01	1.00	1.7	20	102	X514056 - X5C0361-01	
EPA 200.7	Potassium	mg/L	21.6	21.1	20.0	2.4	20	106	X514056 - X5C0361-01	
EPA 200.7	Silver	mg/L	0.0461	0.0459	0.0500	0.5	20	92.2	X514056 - X5C0361-01	
EPA 200.7	Sodium	mg/L	20.2	19.6	19.0	2.8	20	104	X514056 - X5C0361-01	
EPA 200.7	Vanadium	mg/L	1.06	1.04	1.00	2.0	20	106	X514056 - X5C0361-01	
EPA 200.7	Zinc	mg/L	1.06	1.04	1.00	1.9	20	105	X514056 - X5C0361-01	
EPA 200.8	Antimony	mg/L	0.0261	0.0258	0.0250	1.3	20	104	X514095 - X5C0363-01	
EPA 200.8	Arsenic	mg/L	0.0266	0.0254	0.0250	4.4	20	103	X514095 - X5C0363-01	
EPA 200.8	Selenium	mg/L	0.0256	0.0227	0.0250	11.8	20	101	X514095 - X5C0363-01	
EPA 200.8	Thallium	mg/L	0.0243	0.0243	0.0250	0.3	20	97.1	X514095 - X5C0363-01	
EPA 200.8	Uranium	mg/L	0.0272	0.0282	0.0250	3.4	20	100	X514095 - X5C0363-01	
Metals (Filtered)										
EPA 245.1	Mercury	mg/L	0.00206	0.00207	0.00200	0.7	20	103	X514050 - X5C0363-01	
Classical Chemistry Parameters										
ASTM D7237-15A	Cyanide (free) @ pH 6	mg/L	0.113	0.108	0.100	4.2	11	113	X514174 - X5D0024-01	
EPA 335.4	Cyanide (total)	mg/L	0.106	0.107	0.100	0.4	20	106	X514012 - X5C0361-01	
EPA 350.1	Ammonia as N	mg/L	1.01	1.00	1.00	0.6	20	101	X514082 - X5C0362-02	
OIA 1677	Cyanide (WAD)	mg/L	0.0703	0.0509	0.100	32.0	11	47.0	X514089 - X5C0295-02	M2,R2B
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	14.3	14.1	3.00	1.0	20	96.8	X513095 - X5C0371-01	
EPA 300.0	Fluoride	mg/L	1.70	1.74	2.00	2.4	20	77.4	X513095 - X5C0371-01	M2
EPA 300.0	Nitrate as N	mg/L	1.96	1.98	2.00	0.7	20	98.2	X513095 - X5C0371-01	
EPA 300.0	Nitrate+Nitrite as N	mg/L	4.03	4.03	4.00	0.0	20	101	X513095 - X5C0371-01	M2
EPA 300.0	Nitrite as N	mg/L	2.06	2.05	2.00	0.7	20	103	X513095 - X5C0371-01	
EPA 300.0	Sulfate as SO4	mg/L	752	739	10.0	1.8	20	0.30R>S	X513095 - X5C0371-01	M4

One Government Gulch - PO Box 929
Kellogg, ID 83837-0929
(208) 784-1258
www.svl.net

Cripple Creek & Victor Gold Mining Company	**Project Name: Cripple Creek/Victor Water and Soil 2024**
Post Office Box 191	Work Order: **X5C0371**
Victor, CO 80860	Reported: 10-Apr-25 14:07

Notes and Definitions

H5	This test is specified to be performed in the field within 15 minutes of sampling; sample was received and analyzed past the regulatory holding time.
M1	Matrix spike recovery was high, but the LCS recovery was acceptable.
M2	Matrix spike recovery was low, but the LCS recovery was acceptable.
M4	The analysis of the spiked sample required a dilution such that the spike recovery calculation does not provide useful information. The LCS recovery was acceptable.
R2B	RPD exceeded the laboratory acceptance limit.
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

Attachment 2
Sampling Logs

Low-Flow Test Report:

Test Date / Time: 3/12/2025 11:35:02 AM
Project: Grassy Valley (21)
Operator Name: J Cranford

Location Name: CRMW-3A **Latitude: 38.713449868409626** **Longitude: -105.16713894913454** **Well Diameter: 3 in** **Total Depth: 35 ft** **Initial Depth to Water: 30.5 ft**	**Estimated Total Volume Pumped:** **1.05 gal** **Flow Cell Volume: 130 ml** **Final Flow Rate: 0.03 gal/min**	**Instrument Used: Aqua TROLL 600** **Serial Number: 1109809**

Test Notes:
Use 5 gallon bucket
Well is insufficient.
Ran out of water in well.
32.5 final depth
* Returned on 3/13/25 to try to pump but water level was at 32.48 and would not pump. no Sample collected.

Weather Conditions:
39 F Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10	+/- 0.33	
3/12/2025 11:35 AM	00:00	6.33 pH	8.23 °C	2,396.8 µS/cm	2.67 mg/L	3.5 mV	30.50 ft	0.03 gal/min
3/12/2025 11:40 AM	05:00	6.78 pH	8.47 °C	2,414.7 µS/cm	2.12 mg/L	-25.3 mV	30.50 ft	0.03 gal/min
3/12/2025 11:45 AM	10:00	6.72 pH	9.23 °C	2,402.8 µS/cm	2.12 mg/L	-34.9 mV	30.50 ft	0.03 gal/min
3/12/2025 11:50 AM	15:00	6.66 pH	9.91 °C	2,343.4 µS/cm	4.58 mg/L	-21.2 mV	30.50 ft	0.03 gal/min
3/12/2025 11:55 AM	20:00	6.67 pH	9.68 °C	2,299.3 µS/cm	5.73 mg/L	-1.2 mV	30.50 ft	0.03 gal/min
3/12/2025 12:00 PM	25:00	6.69 pH	9.34 °C	2,292.3 µS/cm	5.90 mg/L	16.8 mV	30.50 ft	0.03 gal/min
3/12/2025 12:05 PM	30:00	6.45 pH	8.88 °C	2,332.0 µS/cm	5.40 mg/L	25.9 mV	30.50 ft	0.03 gal/min
3/12/2025 12:10 PM	35:00	6.67 pH	9.81 °C	884.60 µS/cm	2.01 mg/L	-6.7 mV	30.50 ft	0.03 gal/min

Samples

Sample ID:	Description:

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location : Arequa Gulch
Date: 3/12/25
Technician: J. Crawford
Quarter: 1
Static Water Level (DTW): 55.4
Well ID: CRMW-3B
Is well Dry? no
If so Dry at: —
Well Depth (TD): 63 feet

Time	Depth to Water (ft)	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	DO mg/L	ORP	Notes
		Insufficient						

Sample Method: —
Rate (gpm): —
* Flow rate at stabilization (during sample collection)
Time Start: —
Time End: —

Final Parameters	Stabilization Guidance		Met?	Comments
pH		±0.1	Y / N	
Conductivity		3%	Y / N	
Temp (deg C)		3%	Y / N	
Dissolved Oxygen		10%	Y / N	
Turbidity		10%	Y / N	
Oxidation/Reduction		±10	Y / N	
DTW Stabilized		feet	Y / N	
Final H2O level		feet		

If Low Flow Met Drawdown greater than 0.33 ft? ~~Y / N~~
* See Field Volume Guide
If yes, required pump vol (gal): _____ following stabilization
Actual vol. pumped (gal) _____

O/G visible: ~~Y / N~~
Equipment Decontaminated: ~~Y / N~~
Turbid? ~~Y / N~~
Decontamination procedure used: n/a

Weather: 39°F, Sunny
Signature: [signature]

Volume Calculations:
For 2" Diameter Well (gal): $V(gal) = 0.1632 * h(ft)$ **For 4" Diameter Well (gal):** $V(gal) = 0.6528 * h(ft)$
Other Diameter Well & Tubing Vol (gal): $V(gal) = 0.1632 * (r(in))^2 * h(ft)$
Water Column Calculation: $h(ft) = Total\ Depth(TD)(ft) - Depth\ to\ Water(DTW)(ft)$
Well Volume Purge Method: *Three Well Volumes = 3*V*

Conversions:
$1ft^3 = 7.48\ gal$
$1gal = 3.785\ L$

Show Calculations:
CRMW-3B would not Pump any water. Pump was on for 25 minutes and nothing came out.

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location: ~~CRmw-5~~ Arequa gulch
Date: 3/11/25
Technician: J. Cranford
Quarter: 1
Static Water Level (DTW):
Well ID: CRmw-5A
Is well Dry?
If so Dry at: feet
Well Depth (TD): 205

Time	Depth to Water (ft)	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	DO mg/L	ORP	Notes

Inaccessible

Sample Method: Rate (gpm): Time Start: Time End:
* Flow rate at stabilization (during sample collection)

Final Parameters	Stabilization Guidance		Met?	Comments
pH		±0.1	Y / N	
Conductivity		3%	Y / N	
Temp (deg C)		3%	Y / N	
Dissolved Oxygen		10%	Y / N	
Turbidity		10%	Y / N	
Oxidation/Reduction		±10	Y / N	
DTW Stabilized		feet	Y / N	
Final H2O level		feet		

If Low Flow Met Drawdown greater than 0.33 ft? ~~Y / N~~ If yes, required pump vol (gal): Actual vol. pumped (gal)
following stabilization
* See Field Volume Guide

O/G visible: ~~Y / N~~ Turbid? ~~Y / N~~
Equipment Decontaminated: ~~Y / N~~
Decontamination procedure used: N/A

Weather: 35°F, Sunny
Signature:

Volume Calculations:
For 2" Diameter Well (gal): $V(gal) = 0.1632 * h(ft)$ **For 4" Diameter Well (gal):** $V(gal) = 0.6528 * h(ft)$
Other Diameter Well & Tubing Vol (gal): $V(gal) = 0.1632 * (r(in))^2 * h(ft)$
Water Column Calculation: $h(ft) = Total\ Depth(TD)(ft) - Depth\ to\ Water(DTW)(ft)$
Well Volume Purge Method: *Three Well Volumes = 3*V*

Conversions:
$1ft^3 = 7.48\ gal$
$1gal = 3.785\ L$

Show Calculations:
CRmw-5A was inaccessible due to snow.

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location: Arequa Gurtch
Date: 3/11/25
Technician: J. Crawford
Quarter: 1
Static Water Level (DTW): —
Well ID: CRmw-5B
Is well Dry? —
If so Dry at: —
Well Depth (TD): 143 feet

Time	Depth to Water (ft)	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	DO mg/L	ORP	Notes
		Inaccessible						

Sample Method: —
Rate (gpm): —
Time Start: —
Time End: —
* Flow rate at stabilization (during sample collection)

Final Parameter	Stabilization Guidance		Met?	Comments
pH		±0.1	Y / N	
Conductivity		3%	Y / N	
Temp (deg C)		3%	Y / N	
Dissolved Oxygen		10%	Y / N	
Turbidity		10%	Y / N	
Oxidation/Reduction		±10	Y / N	
DTW Stabilized		feet	Y / N	
Final H2O level		feet		

If Low Flow Met Drawdown greater than 0.33 ft? ~~Y / N~~ If yes, required pump vol (gal): — Actual vol. pumped (gal) —
* See Field Volume Guide
following stabilization

O/G visible: ~~Y / N~~
Turbid? ~~Y / N~~
Equipment Decontaminated: ~~Y / N~~
Decontamination procedure used: N/A

Weather: 35° F, Sunny
Signature: [signature]

Volume Calculations:	
For 2" Diameter Well (gal): $V(gal) = 0.1632 * h(ft)$	**For 4" Diameter Well (gal):** $V(gal) = 0.6528 * h(ft)$
Other Diameter Well & Tubing Vol (gal): $V(gal) = 0.1632 * (r(in))^2 * h(ft)$	
Water Column Calculation: $h(ft) = Total\ Depth(TD)(ft) - Depth\ to\ Water(DTW)(ft)$	
Well Volume Purge Method: *Three Well Volumes = 3*V*	
Conversions: $1ft^3 = 7.48\ gal$, $1gal = 3.785\ L$	**Show Calculations:** CRMW-5B was inaccessible due to snow

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location: Arequa Gulch
Technician: J. Crawford
Static Water Level (DTW): —
Is well Dry? —
If so Dry at: — feet

Date: 3/11/25
Quarter: 1
Well ID: CRmw-5C
Well Depth (TD): 60

Time	Depth to Water (ft)	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	DO mg/L	ORP	Notes
		Inaccessible						

Sample Method: —
Rate (gpm): —
* Flow rate at stabilization (during sample collection)
Time Start: —
Time End: —

Final Parameter	Stabilization Guidance		Met?	Comments
pH		±0.1	Y / N	
Conductivity		3%	Y / N	
Temp (deg C)		3%	Y / N	
Dissolved Oxyge		10%	Y / N	
Turbidity		10%	Y / N	
Oxidation/Reduction		±10	Y / N	
DTW Stabilized		feet	Y / N	
Final H2O level		feet		

If Low Flow Met Drawdown greater than 0.33 ft? ~~Y / N~~
* See Field Volume Guide
If yes, required pump vol (gal): — following stabilization
Actual vol. pumped (gal) —

O/G visible: ~~Y~~ / N
Turbid? ~~Y / N~~
Equipment Decontaminated: ~~Y / N~~
Decontamination procedure used: N/A

Weather: 35°, Sunny
Signature: [signature]

Volume Calculations:	
For 2" Diameter Well (gal): $V(gal) = 0.1632 * h(ft)$	**For 4" Diameter Well (gal):** $V(gal) = 0.6528 * h(ft)$
Other Diameter Well & Tubing Vol (gal): $V(gal) = 0.1632 * (r(in))^2 * h(ft)$	
Water Column Calculation: $h(ft) = Total\ Depth(TD)(ft) - Depth\ to\ Water(DTW)(ft)$	
Well Volume Purge Method: *Three Well Volumes = 3*V*	
Conversions: $1ft^3 = 7.48\ gal$ $1gal = 3.785\ L$	**Show Calculations:** CRmw-5C was inaccessible due to snow

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location : Arequa Gulch
Date: 3/11/25
Technician: J. Crawford
Quarter: 1
Static Water Level (DTW): —
Well ID: CRMW-5D
Well Depth (TD): 27 feet
Is well Dry? —
If so Dry at: —

Time	Depth to Water (ft)	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	DO mg/L	ORP	Notes
			Inaccessible					

Sample Method: —
Rate (gpm): —
* *Flow rate at stabilization (during sample collection)*
Time Start: —
Time End: —

Final Parameter	Stabilization Guidance		Met?	Comments
pH		±0.1	Y / N	
Conductivity		3%	Y / N	
Temp (deg C)		3%	Y / N	
Dissolved Oxygen		10%	Y / N	
Turbidity		10%	Y / N	
Oxidation/Reduction		±10	Y / N	
DTW Stabilized		feet	Y / N	
Final H2O level		feet		

If Low Flow Met Drawdown greater than 0.33 ft? ~~Y / N~~
* *See Field Volume Guide*
If yes, required pump vol (gal): following stabilization —
Actual vol. pumped (gal)

O/G visible: ~~Y / N~~
Equipment Decontaminated: ~~Y / N~~
Turbid? ~~Y / N~~
Decontamination procedure used: n/a

Weather: 35° F, Sunny
Signature: [signature]

Volume Calculations:	
For 2" Diameter Well (gal): $V(gal) = 0.1632 * h(ft)$	**For 4" Diameter Well (gal):** $V(gal) = 0.6528 * h(ft)$
Other Diameter Well & Tubing Vol (gal): $V(gal) = 0.1632 * (r(in))^2 * h(ft)$	
Water Column Calculation: $h(ft) = Total\ Depth(TD)(ft) - Depth\ to\ Water(DTW)(ft)$	
Well Volume Purge Method: *Three Well Volumes = 3*V*	
Conversions: $1ft^3 = 7.48\ gal$ $1gal = 3.785\ L$	**Show Calculations:** CRMW-5D is inaccessible due to snow

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location : Arequa Gulch
Date: 3/26/25 - 3/27/25
Technician: J. Crawford
Quarter: 1
Static Water Level (DTW): 190.17
Well ID: ESPMW-1
Is well Dry? no
If so Dry at: —
Well Depth (TD): 220 feet

Time	Depth to Water (ft)	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	DO mg/L	ORP	Notes
7:37			7.32	410.4	6.4	—	-33.5	
7:40	204.75							
6:55	209.59	Insufficient						

Sample Method: Purge + return
Rate (gpm): —
** Flow rate at stabilization (during sample collection)*
Time Start: 7:37 **Time End:** 6:55

Final Parameters	Stabilization Guidance		Met?	Comments
pH		±0.1	Y / N	
Conductivity		3%	Y / N	
Temp (deg C)		3%	Y / N	
Dissolved Oxygen		10%	Y / N	
Turbidity		10%	Y / N	
Oxidation/Reduction		±10	Y / N	
DTW Stabilized		feet	Y / N	
Final H2O level		feet		

If Low Flow Met Drawdown greater than 0.33 ft? ~~Y~~ / N
** See Field Volume Guide*
If yes, required pump vol (gal): — following stabilization
Actual vol. pumped (gal) —

O/G visible: Y / (N)
Equipment Decontaminated: ~~Y~~ / (N) Dedicated Pump
Turbid? Y / (N)
Decontamination procedure used:

Weather: 32° Clear
Signature:

Volume Calculations:
For 2" Diameter Well (gal): $V(gal) = 0.1632 * h(ft)$ **For 4" Diameter Well (gal):** $V(gal) = 0.6528 * h(ft)$
Other Diameter Well & Tubing Vol (gal): $V(gal) = 0.1632 * (r(in))^2 * h(ft)$
Water Column Calculation: $h(ft) = Total\ Depth(TD)(ft) - Depth\ to\ Water(DTW)(ft)$
Well Volume Purge Method: *Three Well Volumes = 3*V*

Conversions:
$1ft^3 = 7.48\ gal$
$1gal = 3.785\ L$

Show Calculations:
water did not come back to 90% of static water level. Sample not collected

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location: Poverty Gulch
Date: 3/11/25
Technician: J. Crawford
Quarter: 1
Static Water Level (DTW):
Well ID: PGmw-2
Is well Dry? Yes
If so Dry at: 218
Well Depth (TD): 218 feet

Time	Depth to Water (ft)	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	DO mg/L	ORP	Notes

DRY

Sample Method:
Rate (gpm):
* Flow rate at stabilization (during sample collection)
Time Start:
Time End:

Final Parameters	Stabilization Guidance		Met?	Comments
pH		±0.1	Y / N	
Conductivity		3%	Y / N	
Temp (deg C)		3%	Y / N	
Dissolved Oxygen		10%	Y / N	
Turbidity		10%	Y / N	
Oxidation/Reduction		±10	Y / N	
DTW Stabilized		feet	Y / N	
~~Final~~ H2O level		feet		

If Low Flow Met Drawdown greater than 0.33 ft? ~~Y / N~~
* See Field Volume Guide
If yes, required pump vol (gal) following stabilization:
Actual vol. pumped (gal)

O/G visible: ~~Y / N~~
Equipment Decontaminated: ~~Y / N~~
Turbid? ~~Y / N~~
Decontamination procedure used: N/a

Weather: 34°F, sunny
Signature:

Volume Calculations:

For 2" Diameter Well (gal): $V(gal) = 0.1632 * h(ft)$
For 4" Diameter Well (gal): $V(gal) = 0.6528 * h(ft)$
Other Diameter Well & Tubing Vol (gal): $V(gal) = 0.1632 * (r(in))^2 * h(ft)$
Water Column Calculation: $h(ft) = Total\ Depth(TD)(ft) - Depth\ to\ Water(DTW)(ft)$
Well Volume Purge Method: *Three Well Volumes = 3*V*

Conversions:
$1 ft^3 = 7.48\ gal$
$1 gal = 3.785\ L$

Show Calculations:
PGmw-2 is dry

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location : Poverty Gulch
Date: 3/11/25 - 3/12/25
Technician: J. Crawford
Quarter: 1
Static Water Level (DTW): 50.75
Well ID: PGMW-3
Is well Dry? NO
If so Dry at: —
Well Depth (TD): 56 feet

Time	Depth to Water (ft)	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	DO mg/L	ORP	Notes
9:05			4.60	1756.2	7.71		124.9	
9:10	52.45							
9:00	51.27		4.28	1510.4	8.66		368.1	

Sample Method: Purge & return **Rate (gpm):** — **Time Start:** 3/11/25 9:05 **Time End:** 3/12/25 9:00
** Flow rate at stabilization (during sample collection)*

Final Parameters	Stabilization Guidance		Met?	Comments
pH		±0.1	Y / N	
Conductivity		3%	Y / N	
Temp (deg C)		3%	Y / N	
Dissolved Oxygen		10%	Y / N	
Turbidity		10%	Y / N	
Oxidation/Reduction		±10	Y / N	
DTW Stabilized		feet	Y / N	
Final H2O level		feet		

If Low Flow Met Drawdown greater than 0.33 ft? ~~Y~~ / N — If yes, required pump vol (gal): — Actual vol. pumped (gal) —
** See Field Volume Guide* following stabilization

O/G visible: Y / (N)
Equipment Decontaminated: (Y) / N
Turbid? Y / (N)

Decontamination procedure used: Triple rinse, Alconox

Weather: 32°F, Sunny

Signature:

Volume Calculations:

For 2" Diameter Well (gal): $V(gal) = 0.1632 * h(ft)$ **For 4" Diameter Well (gal):** $V(gal) = 0.6528 * h(ft)$

Other Diameter Well & Tubing Vol (gal): $V(gal) = 0.1632 * (r(in))^2 * h(ft)$

Water Column Calculation: $h(ft) = Total\ Depth(TD)(ft) - Depth\ to\ Water(DTW)(ft)$

Well Volume Purge Method: *Three Well Volumes = 3*V*

Conversions:
$1ft^3 = 7.48\ gal$
$1gal = 3.785\ L$

Show Calculations:

~~Lab Test~~

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location: Poverty Gulch
Technician: J. Crawford
Static Water Level (DTW):
Is well Dry? Yes
Date: 3/11/24
Quarter: 1
Well ID: PGmw-4
Well Depth (TD): 39.5 feet
If so Dry at: 39.3

Time	Depth to Water (ft)	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	DO mg/L	ORP	Notes

DRY

Sample Method:
Rate (gpm): * Flow rate at stabilization (during sample collection)
Time Start:
Time End:

Final Parameter	Stabilization Guidance		Met?	Comments
pH		±0.1	Y / N	
Conductivity		3%	Y / N	
Temp (deg C)		3%	Y / N	
Dissolved Oxyge		10%	Y / N	
Turbidity		10%	Y / N	
Oxidation/Reduction		±10	Y / N	
DTW Stabilized		feet	Y / N	
Final H2O level		feet		

If Low Flow Met Drawdown greater than 0.33 ft? Y / N
* See Field Volume Guide
If yes, required pump vol (gal): following stabilization
Actual vol. pumped (gal)

O/G visible: Y / N
Equipment Decontaminated: Y / N
Turbid? Y / N

Decontamination procedure used: n/a

Weather: 34°F, Sunny
Signature:

Volume Calculations:
For 2" Diameter Well (gal): $V(gal) = 0.1632 * h(ft)$ **For 4" Diameter Well (gal):** $V(gal) = 0.6528 * h(ft)$
Other Diameter Well & Tubing Vol (gal): $V(gal) = 0.1632 * (r(in))^2 * h(ft)$
Water Column Calculation: $h(ft) = Total\ Depth(TD)(ft) - Depth\ to\ Water(DTW)(ft)$
Well Volume Purge Method: *Three Well Volumes = 3*V*

Conversions:
$1ft^3 = 7.48\ gal$
$1gal = 3.785\ L$

Show Calculations:
PGmw-4 is dry

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location: Poverty Gulch
Technician: J. Crawford
Static Water Level (DTW): 49.20
Date: 3/11/25
Quarter: 1
Well ID: PGMW-5
Well Depth (TD): 51 feet
Is well Dry? no
If so Dry at: —

Time	Depth to Water (ft)	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	DO mg/L	ORP	Notes
				DTW	insufficient			
					pump			
				won't				

Sample Method: low-flow
Rate (gpm): —
* *Flow rate at stabilization (during sample collection)*
Time Start: —
Time End: —

Final Parameters	Stabilization Guidance		Met?	Comments
pH		±0.1	Y / N	
Conductivity		3%	Y / N	
Temp (deg C)		3%	Y / N	
Dissolved Oxygen		10%	Y / N	
Turbidity		10%	Y / N	
Oxidation/Reduction		±10	Y / N	
DTW Stabilized		feet	Y / N	
Final H2O level		feet		

If Low Flow Met Drawdown greater than 0.33 ft? Y / N
* *See Field Volume Guide*
If yes, required pump vol (gal): —
following stabilization
Actual vol. pumped (gal)

O/G visible: Y / N
Turbid? Y / N
Equipment Decontaminated: Y / N
Decontamination procedure used: Triple rinse Alconox

Weather: 38°, Clear
Signature:

Volume Calculations:	
For 2" Diameter Well (gal): $V(gal) = 0.1632 * h(ft)$	**For 4" Diameter Well (gal):** $V(gal) = 0.6528 * h(ft)$
Other Diameter Well & Tubing Vol (gal): $V(gal) = 0.1632 * (r(in))^2 * h(ft)$	
Water Column Calculation: $h(ft) = Total\ Depth(TD)(ft) - Depth\ to\ Water(DTW)(ft)$	
Well Volume Purge Method: *Three Well Volumes = 3*V*	
Conversions: $1ft^3 = 7.48\ gal$ $1gal = 3.785\ L$	**Show Calculations:** Not enough water in well. Wouldn't come out of the pump/tubing.

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location: Maitle Gulch
Date: 3/10/25
Technician: J. Crawford
Quarter: 1
Static Water Level (DTW):
Well ID: SGMW-5
Is well Dry? Yes
If so Dry at: 256
Well Depth (TD): 256 feet

Time	Depth to Water (ft)	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	DO mg/L	ORP	Notes

DRY

Sample Method: Rate (gpm): Time Start: Time End:
* How rate at stabilization (during sample collection)

Final Parameter	Stabilization Guidance		Met?	Comments
pH		±0.1	Y / N	
Conductivity		3%	Y / N	
Temp (deg C)		3%	Y / N	
Dissolved Oxyger		10%	Y / N	
Turbidity		10%	Y / N	
Oxidation/Reduction		±10	Y / N	
DTW Stabilized		feet	Y / N	
Final H2O level		feet		

If Low Flow Met Drawdown greater than 0.33 ft? ~~Y / N~~
* See Field Volume Guide
If yes, required pump vol (gal): following stabilization
Actual vol. pumped (gal)

O/G visible: ~~Y / N~~
Turbid? ~~Y / N~~
Equipment Decontaminated: ~~Y / N~~
Decontamination procedure used: N/A

Weather: 36°, Sunny
Signature:

Volume Calculations:

For 2" Diameter Well (gal): $V(gal) = 0.1632 * h(ft)$ For 4" Diameter Well (gal): $V(gal) = 0.6528 * h(ft)$

Other Diameter Well & Tubing Vol (gal): $V(gal) = 0.1632 * (r(in))^2 * h(ft)$

Water Column Calculation: $h(ft) = Total\ Depth(TD)(ft) - Depth\ to\ Water(DTW)(ft)$

Well Volume Purge Method: *Three Well Volumes = 3*V*

Conversions:
$1ft^3 = 7.48\ gal$
$1gal = 3.785\ L$

Show Calculations:
SGMW-5 is dry

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location : Mare Guitch
Technician: J. Crawford
Static Water Level (DTW):
Is well Dry? yes If so Dry at: 400 feet

Date: 3/10/25
Quarter: 1
Well ID: SGMW-6A
Well Depth (TD): 400

Time	Depth to Water (ft)	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	DO mg/L	ORP	Notes
			DRY					

Sample Method: Rate (gpm): Time Start: Time End:
** Flow rate at stabilization (during sample collection)*

Final Parameters	Stabilization Guidance		Met?	Comments
pH		±0.1	Y / N	
Conductivity		3%	Y / N	
Temp (deg C)		3%	Y / N	
Dissolved Oxygen		10%	Y / N	
Turbidity		10%	Y / N	
Oxidation/Reduction		±10	Y / N	
DTW Stabilized		feet	Y / N	
Final H2O level		feet		

If Low Flow Met Drawdown greater than 0.33 ft? ~~Y / N~~ If yes, required pump vol (gal): Actual vol. pumped (gal)
** See Field Volume Guide* following stabilization

O/G visible: ~~Y / N~~
Equipment Decontaminated: ~~Y / N~~
Turbid? ~~Y / N~~
Decontamination procedure used: n/a

Weather: 36° F, Sunny
Signature:

Volume Calculations:	
For 2" Diameter Well (gal): $V(gal) = 0.1632 * h(ft)$	**For 4" Diameter Well (gal):** $V(gal) = 0.6528 * h(ft)$
Other Diameter Well & Tubing Vol (gal): $V(gal) = 0.1632 * (r(in))^2 * h(ft)$	
Water Column Calculation: $h(ft) = Total\ Depth(TD)(ft) - Depth\ to\ Water(DTW)(ft)$	
Well Volume Purge Method: *Three Well Volumes = 3*V*	
Conversions: $1ft^3 = 7.48\ gal$ $1gal = 3.785\ L$	**Show Calculations:** SGMW-6A is dry

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location: Aregna Gulch **Date:** 3/10/25
Technician: J. Cranford **Quarter:** 1
Static Water Level (DTW): 25.67 **Well ID:** SGmw-6B
Is well Dry? no **If so Dry at:** — **Well Depth (TD):** 60 **feet**

Time	Depth to Water (ft)	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	DO mg/L	ORP	Notes
9:00			5.98	5327	6.2	5.64	92.4	
9:05	25.83	~~0.16~~	5.96	5380	6.3	4.23	89.1	
9:10	25.87	0.04	5.97	5345	6.1	4.75	88.8	@ 0.03 gpm
9:15	25.91	0.04	5.96	5345	7.0	3.15	81.3	
9:20	25.92	0.01	5.95	5408	7.2	2.85	81.4	
9:25	25.96	0.03	5.96	5399	7.2	2.83	81.2	
9:30	25.95	0.00	5.97	5403	7.1	2.74	80.7	
	Total Drawdown							
	0.28							

Sample Method: low-flow **Rate (gpm):** 0.03 **Time Start:** 9:00 **Time End:** 9:30
** Flow rate at stabilization (during sample collection)*

Final Parameters	Stabilization Guidance		Met?	Comments
pH	5.97	±0.1	(Y) / N	
Conductivity	5403	3%	(Y) / N	
Temp (deg C)	7.1	3%	(Y) / N	
Dissolved Oxygen	2.74	10%	(Y) / N	
~~Turbidity~~		~~10%~~	~~Y / N~~	
Oxidation/Reduction	80.2	±10	(Y) / N	
DTW Stabilized	25.95	feet	(Y) / N	
Final H2O level	25.95	feet		

If Low Flow Met Drawdown greater than 0.33 ft? Y / (N) If yes, required pump vol (gal): — Actual vol. pumped (gal) ~2.5 ga
** See Field Volume Guide* following stabilization

O/G visible: Y / (N) Turbid? (Y) / N
Equipment Decontaminated: Y / (N)
Decontamination procedure used: Dedicated Pump

Weather: 34°F, Sunny
Signature:

Volume Calculations:	
For 2" Diameter Well (gal): $V(gal) = 0.1632 * h(ft)$	**For 4" Diameter Well (gal):** $V(gal) = 0.6528 * h(ft)$
Other Diameter Well & Tubing Vol (gal): $V(gal) = 0.1632 * (r(in))^2 * h(ft)$	
Water Column Calculation: $h(ft) = Total\ Depth(TD)(ft) - Depth\ to\ Water(DTW)(ft)$	
Well Volume Purge Method: *Three Well Volumes = 3*V*	
Conversions: $1ft^3 = 7.48\ gal$ $1gal = 3.785\ L$	**Show Calculations:** use 5 gallon bucket,

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location : Moire Gulch
Technician: J. Crawford
Static Water Level (DTW):
Is well Dry? Yes
If so Dry at: 404.8 feet

Date: 3/10/25
Quarter: 1
Well ID: SGMW-7A
Well Depth (TD): 404.8

Time	Depth to Water (ft)	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	DO mg/L	ORP	Notes
		Dry						

Sample Method: Rate (gpm): Time Start: Time End:
* Flow rate at stabilization (during sample collection)

Final Parameters	Stabilization Guidance		Met?	Comments
pH		±0.1	Y / N	
Conductivity		3%	Y / N	
Temp (deg C)		3%	Y / N	
Dissolved Oxyge		10%	Y / N	
Turbidity		10%	Y / N	
Oxidation/Reduction		±10	Y / N	
DTW Stabilized		feet	Y / N	
Final H2O level		feet		

If Low Flow Met Drawdown greater than 0.33 ft? ~~Y / N~~ If yes, required pump vol (gal): Actual vol. pumped (gal)
* See Field Volume Guide following stabilization

O/G visible: ~~Y / N~~ Turbid? ~~Y / N~~
Equipment Decontaminated: ~~Y / N~~ N/a
Decontamination procedure used:

Weather: 36° F, Sunny
Signature:

Volume Calculations:
For 2" Diameter Well (gal): $V(gal) = 0.1632 * h(ft)$ **For 4" Diameter Well (gal):** $V(gal) = 0.6528 * h(ft)$
Other Diameter Well & Tubing Vol (gal): $V(gal) = 0.1632 * (r(in))^2 * h(ft)$
Water Column Calculation: $h(ft) = Total\ Depth(TD)(ft) - Depth\ to\ Water(DTW)(ft)$
Well Volume Purge Method: *Three Well Volumes = 3*V*

Conversions:
$1ft^3 = 7.48\ gal$
$1gal = 3.785\ L$

Show Calculations:
SGMW-7A is dry.

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location: Maize Gulch
Technician: J. Crawford
Static Water Level (DTW): 58.12
Is well Dry? Yes
If so Dry at: 58.12 feet
Date: 3/10/25
Quarter: 1
Well ID: SGMW-7B
Well Depth (TD): 60

Time	Depth to Water (ft)	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	DO mg/L	ORP	Notes

DRY

Sample Method: ——— Rate (gpm): ——— Time Start: ——— Time End: ———
* Flow rate at stabilization (during sample collection)

Final Parameter	Stabilization Guidance		Met?	Comments
pH		±0.1	Y / N	
Conductivity		3%	Y / N	
Temp (deg C)		3%	Y / N	
Dissolved Oxygen		10%	Y / N	
Turbidity		10%	Y / N	
Oxidation/Reduction		±10	Y / N	
DTW Stabilized		feet	Y / N	
Final H2O level		feet		

If Low Flow Met Drawdown greater than 0.33 ft? ~~Y / N~~ If yes, required pump vol (gal): ——— Actual vol. pumped (gal) ———
* See Field Volume Guide — following stabilization

O/G visible: Y / N
Turbid? ~~Y / N~~
Equipment Decontaminated: ~~Y~~ / N N/A
Decontamination procedure used:

Weather: 36°, Sunny
Signature:

Volume Calculations:	
For 2" Diameter Well (gal): $V(gal) = 0.1632 * h(ft)$	For 4" Diameter Well (gal): $V(gal) = 0.6528 * h(ft)$
Other Diameter Well & Tubing Vol (gal): $V(gal) = 0.1632 * (r(in))^2 * h(ft)$	
Water Column Calculation: $h(ft) = Total\ Depth(TD)(ft) - Depth\ to\ Water(DTW)(ft)$	
Well Volume Purge Method: *Three Well Volumes = 3*V*	
Conversions: $1ft^3 = 7.48\ gal$, $1gal = 3.785\ L$	Show Calculations: SGMW-7B will not Pump any water due to low water level.

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location : Aragon Gulch **Date:** 3/10/25

Technician: J. Cranford **Quarter:** 1

Static Water Level (DTW): 216.45 **Well ID:** 26mw-8

Is well Dry? no **If so Dry at:** — **Well Depth (TD):** 219 **feet**

Time	Depth to Water (ft)	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	DO mg/L	ORP	Notes
	Insufficient							

Sample Method: Purge & return **Rate (gpm):** — **Time Start:** **Time End:**

** Flow rate at stabilization (during sample collection)*

Final Parameters	Stabilization Guidance		Met?	Comments
pH		±0.1	Y / N	
Conductivity		3%	Y / N	
Temp (deg C)		3%	Y / N	
Dissolved Oxyger		10%	Y / N	
Turbidity		10%	Y / N	
Oxidation/Reduction		±10	Y / N	
DTW Stabilized		feet	Y / N	
Final H2O level		feet		

If Low Flow Met Drawdown greater than 0.33 ft? ~~Y~~ / N If yes, required pump vol (gal): — Actual vol. pumped (gal)
following stabilization

** See Field Volume Guide*

O/G visible: Y / N Turbid? Y / N
Equipment Decontaminated: Y / N

Decontamination procedure used:

Weather: 36°F, Sunny

Signature:

Volume Calculations:	
For 2" Diameter Well (gal): $V(gal) = 0.1632 * h(ft)$	**For 4" Diameter Well (gal):** $V(gal) = 0.6528 * h(ft)$
Other Diameter Well & Tubing Vol (gal): $V(gal) = 0.1632 * (r(in))^2 * h(ft)$	
Water Column Calculation: $h(ft) = Total\ Depth(TD)(ft) - Depth\ to\ Water(DTW)(ft)$	
Well Volume Purge Method: *Three Well Volumes = 3*V*	
Conversions: $1ft^3 = 7.48\ gal$ $1gal = 3.785\ L$	**Show Calculations:** Pump was not able to get water out with how low Static water level was

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location: Vindicator Valley
Date: 3/24/25
Technician: J. Crawford
Quarter: 1
Static Water Level (DTW): 253.45
Well ID: VIN-24
Is well Dry? NO
If so Dry at: —
Well Depth (TD): 270 feet

Time	Depth to Water (ft)	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	DO mg/L	ORP	Notes
12:25			6.57	~~26 693.7~~	9.7	3.50	169.5	
12:30	254.19	0.09	6.96	2508	8.2	2.43	154.9	0.04 gpm
12:35	254.28	0.09	7.02	2403	8.2	2.43	159.6	
12:40	254.32	0.04	7.45	2240	8.2	0.94	48.9	
12:45	254.34	0.02	7.52	1675	8.5	2.46	46.2	
12:50	254.35	0.01	7.59	1316	8.2	2.50	33.6	
12:55	254.38	0.03	7.67	1245	8.2	2.69	33.2	
1:00	254.38	0.00	7.66	1272	8.2	2.72	33.8	
1:05	254.38	0.00	7.65	1271	8.3	2.60	31.6	
	Total Drawdown 0.28							

Sample Method: low-flow
Rate (gpm): 0.04 *
Time Start: 12:25
Time End: 1:05
* Flow rate at stabilization (during sample collection)

Final Parameters	Stabilization Guidance		Met?	Comments
pH	7.65	±0.1	(Y) / N	
Conductivity	1271	3%	(Y) / N	
Temp (deg C)	8.3	3%	(Y) / N	
Dissolved Oxyger	2.60	10%	(Y) / N	
Turbidity		10%	~~Y / N~~	
Oxidation/Reduction	31.6	±10	(Y) N	
DTW Stabilized	254.38	feet	(Y) / N	
Final H2O level	254.38	feet		

If Low Flow Met Drawdown greater than 0.33 ft? Y / (N)
* See Field Volume Guide
If yes, required pump vol (gal): — following stabilization
Actual vol. pumped (gal) 1.6 gal

O/G visible: Y / (N)
Equipment Decontaminated: (Y) / N
Turbid? Y / (N)
Decontamination procedure used: ~~Cripple rinse, Alconox~~ Dedicated pump

Weather: 60° Sunny
Signature:

Volume Calculations:
For 2" Diameter Well (gal): $V(gal) = 0.1632 * h(ft)$ For 4" Diameter Well (gal): $V(gal) = 0.6528 * h(ft)$
Other Diameter Well & Tubing Vol (gal): $V(gal) = 0.1632 * (r(in))^2 * h(ft)$
Water Column Calculation: $h(ft) = Total\ Depth(TD)(ft) - Depth\ to\ Water(DTW)(ft)$
Well Volume Purge Method: *Three Well Volumes = 3*V*

Conversions:
$1ft^3 = 7.48\ gal$
$1gal = 3.785\ L$

Show Calculations:

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location: Indicator Valley
Technician: S. Crawford
Static Water Level (DTW): 87.61
Date: 3/24/25 – 3/25/25
Quarter: 1
Well ID: VIN-2B
Is well Dry? NO
If so Dry at: —
Well Depth (TD): 140 feet

	Time	Depth to Water (ft)	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	DO mg/L	ORP	Notes
3/24/25	9:57			6.66	2406	6.4	—	120.9	
	10:05	139.0	~~139.6~~						
3/25/25	9:05	88.45		6.90	1368	6.4		125.6	

Sample Method: Purged return
Rate (gpm): —
* *Flow rate at stabilization (during sample collection)*
Time Start: 3/24/25 9:57
Time End: 3/25/25 9:25

Final Parameter	Stabilization Guidance		Met?	Comments
pH		±0.1	Y / N	
Conductivity		3%	Y / N	
Temp (deg C)		3%	Y / N	
Dissolved Oxyger		10%	Y / N	
Turbidity		10%	Y / N	
Oxidation/Reduction		±10	Y / N	
DTW Stabilized		feet	Y / N	
Final H2O level		feet		

If Low Flow Met Drawdown greater than 0.33 ft? ~~Y / N~~ If yes, required pump vol (gal): — Actual vol. pumped (gal)
* *See Field Volume Guide* following stabilization

O/G visible: Y / (N)
Equipment Decontaminated: (Y) / N ~~Triple rinse, Alconox~~ Dedicated pump
Decontamination procedure used:
Turbid? Y / (N)

Weather: 51° Sunny
Signature:

Volume Calculations:
For 2" Diameter Well (gal): $V(gal) = 0.1632 * h(ft)$ **For 4" Diameter Well (gal):** $V(gal) = 0.6528 * h(ft)$
Other Diameter Well & Tubing Vol (gal): $V(gal) = 0.1632 * (r(in))^2 * h(ft)$
Water Column Calculation: $h(ft) = Total\ Depth(TD)(ft) - Depth\ to\ Water(DTW)(ft)$
Well Volume Purge Method: *Three Well Volumes = 3*V*

Conversions:
$1ft^3 = 7.48\ gal$
$1gal = 3.785\ L$

Show Calculations:

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location: Wilson Creek **Date:** 3/24/25
Technician: J Crawford **Quarter:** 1
Static Water Level (DTW): 64.09 **Well ID:** WCMW-3
Is well Dry? NO **If so Dry at:** — **Well Depth (TD):** 134 **feet**

Time	Depth to Water (ft)	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	DO mg/L	ORP	Notes
10:45			7.58	1054	7.2	0.54	-148	
10:50	64.09	0.00	7.64	901	7.4	0.39	-129.3	
10:55	64.09	0.00	7.70	758	7.9	0.35	-156.9	0.06 gpm
11:00	64.09	0.00	7.64	737.1	7.9	0.42	-176.4	
11:05	64.09	0.00	7.66	730.8	8.2	0.24	-190.2	
11:10	64.09	0.00	7.69	733.1	8.1	0.22	-191.0	
11:15	64.09	0.00	7.69	728.6	8.1	0.17	-187.0	
		total	Drawdown					
		0.00						

Sample Method: low-flow **Rate (gpm):** 0.06 **Time Start:** 10:45 **Time End:**
** Flow rate at stabilization (during sample collection)*

Final Parameter	Stabilization Guidance		Met?	Comments
pH	7.69	±0.1	(Y) / N	
Conductivity	728.6	3%	(Y) / N	
Temp (deg C)	8.1	3%	(Y) / N	
Dissolved Oxyger	0.17	10%	(Y) / N	
~~Turbidity~~	~~—~~	~~10%~~	~~Y / N~~	
Oxidation/Red uction	-187.0	±10	(Y) / N	
DTW Stabilized	64.09	feet	(Y) / N	
Final H2O level	64.09	feet		

If Low Flow Met Drawdown greater than 0.33 ft? Y / (N) If yes, required pump vol (gal): — Actual vol. pumped (gal) ~2.0 gal
** See Field Volume Guide* following stabilization

O/G visible: Y / (N) Turbid? Y / (N)
Equipment Decontaminated: (Y) / N
Decontamination procedure used: Tripple rinse, Alconox

Weather: 45 Cloudy
Signature:

Volume Calculations:	
For 2" Diameter Well (gal): $V(gal) = 0.1632 * h(ft)$	**For 4" Diameter Well (gal):** $V(gal) = 0.6528 * h(ft)$
Other Diameter Well & Tubing Vol (gal): $V(gal) = 0.1632 * (r(in))^2 * h(ft)$	
Water Column Calculation: $h(ft) = Total\ Depth(TD)(ft) - Depth\ to\ Water(DTW)(ft)$	
Well Volume Purge Method: *Three Well Volumes = 3*V*	
Conversions: $1ft^3 = 7.48\ gal$ $1gal = 3.785\ L$	**Show Calculations:**

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location: Wilson Creek **Date:** 3/24/25
Technician: S Crawford **Quarter:** 1
Static Water Level (DTW): 64.09 **Well ID:** WCMW-3
Is well Dry? NO **If so Dry at:** — **Well Depth (TD):** 134 **feet**

Time	Depth to Water (ft)	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	DO mg/L	ORP	Notes
10:45			7.58	1054	7.8	0.54	-148	
10:50	64.09	0.00	7.64	801	7.4	0.39	-178.3	
10:55	64.09	0.00	7.70	758	7.9	0.35	-156.9	0.06 gpm
11:00	64.09	0.00	7.64	737.1	7.9	0.42	-176.4	
11:05	64.09	0.00	7.68	730.8	8.2	0.24	-190.2	
11:10	64.09	0.00	7.69	733.1	8.1	0.22	-191.0	
11:15	64.09	0.00	7.69	728.6	8.1	0.17	-187.0	
		total	Drawdown					
		0.00						

Sample Method: low-flow **Rate (gpm):** 0.06 **Time Start:** 10:45 **Time End:** 11:15
** Flow rate at stabilization (during sample collection)*

Final Parameter	Stabilization Guidance		Met?	Comments
pH	7.69	±0.1	(Y) / N	
Conductivity	728.6	3%	(Y) / N	
Temp (deg C)	8.1	3%	(Y) / N	
Dissolved Oxygen	0.17	10%	(Y) / N	
Turbidity	—	~~10%~~	~~Y~~ / N	
Oxidation/Reduction	-187.0	±10	(Y) / N	
DTW Stabilized	64.09	feet	(Y) / N	
Final H2O level	64.09	feet		

If Low Flow Met Drawdown greater than 0.33 ft? Y / (N) If yes, required pump vol (gal): — Actual vol. pumped (gal) ~2.0 gal
** See Field Volume Guide* following stabilization

O/G visible: Y / (N)
Equipment Decontaminated: (Y) / N Turbid? Y / (N)
Decontamination procedure used: Triple rinse, Alconox

Weather: 45 Cloudy
Signature:

Volume Calculations:
For 2" Diameter Well (gal): $V(gal) = 0.1632 * h(ft)$ **For 4" Diameter Well (gal):** $V(gal) = 0.6528 * h(ft)$
Other Diameter Well & Tubing Vol (gal): $V(gal) = 0.1632 * (r(in))^2 * h(ft)$
Water Column Calculation: $h(ft) = Total\ Depth(TD)(ft) - Depth\ to\ Water(DTW)(ft)$
Well Volume Purge Method: *Three Well Volumes = 3*V*

Conversions:
$1ft^3 = 7.48\ gal$
$1gal = 3.785\ L$

Show Calculations:

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location : Wilson creek
Technician: J. Crawford
Static Water Level (DTW): —
Is well Dry? —
If so Dry at: — feet

Date: 3/24/25
Quarter: 1
Well ID: WCMW-6
Well Depth (TD): 234

Time	Depth to Water (ft)	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	DO mg/L	ORP	Notes
		Inaccessible						

Sample Method: —
Rate (gpm): —
* How rate at stabilization (during sample collection)
Time Start: —
Time End: —

Final Parameters	Stabilization Guidance		Met?	Comments
pH		±0.1	Y / N	
Conductivity		3%	Y / N	
Temp (deg C)		3%	Y / N	
Dissolved Oxyge		10%	Y / N	
Turbidity		10%	Y / N	
Oxidation/Red uction		±10	Y / N	
DTW Stabilized		feet	Y / N	
Final H2O level		feet		

If Low Flow Met Drawdown greater than 0.33 ft? Y / N
* See Field Volume Guide
If yes, required pump vol (gal): — following stabilization
Actual vol. pumped (gal) —

O/G visible: Y / N
Equipment Decontaminated: Y / N
Turbid? Y / N

Decontamination procedure used: N/a

Weather: 40°, Sunny
Signature: [signature]

Volume Calculations:

For 2" Diameter Well (gal): $V(gal) = 0.1632 * h(ft)$ **For 4" Diameter Well (gal):** $V(gal) = 0.6528 * h(ft)$

Other Diameter Well & Tubing Vol (gal): $V(gal) = 0.1632 * (r(in))^2 * h(ft)$

Water Column Calculation: $h(ft) = Total\ Depth(TD)(ft) - Depth\ to\ Water(DTW)(ft)$

Well Volume Purge Method: *Three Well Volumes = 3*V*

Conversions:
$1ft^3 = 7.48\ gal$
$1gal = 3.785\ L$

Show Calculations:
WCMW-6 is inaccessible due to snow.

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co
Surface Water Sampling Log

Location: AG-2.0 **Date:** 3/11/24

Technician: J. Crawford **Quarter:** 1

Time	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	ORP	Chlorine
		Inaccessible			

Sample Method:

Oil/Gas visible ~~[Y/N]~~

Turbid ~~[Y/N]~~

Clear ~~[Y/N]~~

Weather: 36°, Sunny

Signature:

Comments / Notes:

AG-2.0 is inaccessible due to snow

** Field Parameters (pH, Conductivity, Temperature, ORP and Chlorine) must be analyzed within 15 minutes of sample collection.*

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co
Surface Water Sampling Log

Location: RB-032H **Date:** 5/24/25

Technician: S. Cranford **Quarter:** 1

Time	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	ORP
12:44	7.18	53.6	15.1	-0.2

Sample Method: Grab

Oil/Gas visible [Y / (N)]

Turbid [Y / (N)]

Clear [(Y) / N]

Weather: 43° F, cloudy

Signature:

Comments / Notes:

** Field Parameters (pH, Conductivity, Temperature, and ORP) must be analyzed within 15 minutes of sample collection.*

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co
Surface Water Sampling Log

Location: RB-0331 **Date:** 3/31/25

Technician: T. Reed **Quarter:** 1

Time	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	ORP
3:09	4.66	34.13	16.9	306

Sample Method: Grab

Oil/Gas visible [Y / (N)]

Turbid [Y / (N)]

Clear [(Y) N]

Weather: 42°, Cloudy

Signature:

Comments / Notes:

** Field Parameters (pH, Conductivity, Temperature, and ORP) must be analyzed within 15 minutes of sample collection.*

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co
Surface Water Sampling Log

Location: T-2 **Date:** 3/24/25

Technician: J. Crawford **Quarter:** 1

Time	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	ORP
10:30		Dry		

Sample Method:

Oil/Gas visible ~~[Y/N]~~

Turbid [Y/N]

Clear ~~[Y/N]~~

Weather: 45°, Cloudy

Signature:

Comments / Notes:

** Field Parameters (pH, Conductivity, Temperature, and ORP) must be analyzed within 15 minutes of sample collection.*

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co
Surface Water Sampling Log

Location: WCmw-01 **Date:** 3/24/25

Technician: J. Crawford **Quarter:** 1

Time	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	ORP	Chlorine
—	—	Inaccessible	—	—	—

Sample Method: —

Oil/Gas visible ~~[Y/N]~~

Turbid ~~[Y/N]~~

Clear ~~[Y/N]~~

Weather: 38°, Sunny

Signature: [signature]

Comments / Notes:

WCmw-01 is inaccessible due to snow.

** Field Parameters (pH, Conductivity, Temperature, ORP and Chlorine) must be analyzed within 15 minutes of sample collection*

Attachment 3
Surface Water Calculations

GV-06

Sample Date: 3/26/2025

Data for Calculations:		
pH	7.29	std units
Hardness	71	mg/L
Temperature	0.9	Celsius

Regulation 32 (5 CCR 1002-32) COARUA24 Standards			GV-06 Results
Physical	**Acute**	**Chronic**	**Physical**
pH (std. units)	6.5 - 9.0	---	7.29
Temperature (^{o}C)	< 21.7	< 17	0.9
Inorganic	**Acute (mg/L)**	**Chronic (mg/L)**	**Inorganic**
Ammonia	5.110	17.727	0.147
Boron	0.750	---	<0.0400
Chloride	250.000	---	4.89
Chlorine	0.011	0.019	--
Cyanide (Free)	---	0.005	<0.0050
Nitrate	---	10.000	0.068
Nitrite	0.050	---	<0.050
Sulfide	0.002	---	<0.050
Sulfate	250.000	---	136
Phosporus	0.110	---	**0.111**
Metals	**Acute (mg/L)**	**Chronic (mg/L)**	**Metals**
Arsenic	0.34000	---	<0.00100
Arsenic (T)	---	0.00300	<0.00100
Cadmium	0.00130	0.00056	<0.000100
Cadmium (T)	0.00500	---	<0.000100
Chromium (III)	---	0.05599	<0.00600
Chromium (III) (T)	0.05000	---	<0.0110
Hexavalent Chromium	0.01600	0.01100	<0.0050
Copper	0.00973	0.00668	0.00065
Iron	---	0.30000	**0.418**
Iron (T)	---	1.00000	**2.31**
Lead	0.04439	0.00173	<0.00020
Lead (T)	0.05000	---	0.00142
Manganese	2.66377	1.47174	**1.78**
Mercury (T)	---	0.00001	0.0000022
Molybdenum (T)	---	0.15000	<0.0080
Nickel	0.35045	0.03892	<0.0100
Nickel (T)	---	0.10000	<0.0100
Selenium	0.01840	0.00460	<0.00100
Silver	0.00113	0.00004	<0.00008
Uranium	0.01680	0.01680	0.00112
Zinc	0.11718	0.08876	<0.0100

Temporary Modification for chronic arsenic concentration applied. See Regulation 5 CCR 1002-32 32.6 (2)(c)(iii)

Bold text indicates that an Acute and/or Chronic standard has been exceeded.

Attachment 4
RPD Calculations

Relative Percent Difference Calculations:

The Division has requested that relative percent difference calculations be completed for duplicate samples collected within the same quarter. In the first quarter, 2025 CC&V submitted duplicate samples for monitoring well CRMW-3C, collected on 3/12/2025, monitoring well GVMW-8A on 3/11/2025, monitoring well GVMW-7B collected on 1/13/2025, and monitoring well GVMW-26B on 2/11/2025. For all data where a calculation is applicable, the RPD is presented below. When laboratory analysis for both samples was below reporting limit, a RPD was not calculated. When one sample result was above the reporting limit, and one sample was below the reporting limit a RPD was not calculated. CC&V used the following formula to determine Relative Percent Difference (RPD):

$$RPD = \frac{|X_1 - X_2|}{(X_1 + X_2)/2} \times 100$$

where,

RPD = Relative Percent Difference (as %)

$|X_1 - X_2|$ = Absolute value (always positive) of $X_1 - X_2$

X_1 = Original sample concentration

X_2 = Duplicate sample concentration

Analyte	CRMW-3C	CRMW-3C Duplicate	Relative Percent Difference (RPD, %)
Aluminium - Dissolved (mg/L)	0.418	0.436	4.22
Barium - Dissolved (mg/L)	0.0114	0.0115	0.87
Boron - Total (mg/L)	0.0716	0.0728	1.66
Cadmium - Dissolved (mg/L)	0.0042	0.0042	0.00
Chloride - Total (mg/L)	173	177	2.29
Cobalt - Dissolved (mg/L)	0.0342	0.0356	4.01
Fluoride - Total F (mg/L)	2.61	2.61	0.00
Iron - Dissolved (mg/L)	0.123	0.124	0.81
Lithium - Dissolved (mg/L)	0.077	0.081	5.06
Manganese - Dissolved (mg/L)	3.42	3.4	0.59
Nickel - Dissolved (mg/L)	0.0168	0.0223	28.13
Sodium - Dissolved (mg/L)	67.2	67.8	0.89
Sulfate - Total (mg/L)	649	665	2.44
Total Dissolved Solids (mg/L)	1530	1330	13.99
Uranium - Dissolved (mg/L)	0.0298	0.0317	6.18
Zinc - Dissolved (mg/L)	0.229	0.23	0.44

Analyte	GVMW-8A	GVMW-8A Duplicate	Relative Percent Difference (RPD, %)
Chloride - Total (mg/L)	63.5	61.8	2.71
Fluoride - Total F (mg/L)	1.84	1.82	1.09
Nitrate as Nitrogen (mg/L)	1.19	1.18	0.84
Sodium - Dissolved (mg/L)	22.2	21.5	3.20
Sulfate - Total (mg/L)	62.4	61.3	1.78
Total Dissolved Solids (mg/L)	316	289	8.93
Uranium - Dissolved (mg/L)	0.00482	0.00494	2.46

Analyte	GVMW-7B	GVMW-7B Duplicate	Relative Percent Difference (RPD, %)
Barium - Dissolved (mg/L)	0.0285	0.0269	5.78
Chloride - Total (mg/L)	10.6	13.8	26.23
Fluoride - Total F (mg/L)	0.346	0.398	13.98
Sodium - Dissolved (mg/L)	10	11.6	14.81
Sulfate - Total (mg/L)	73.7	86.3	15.75
Total Dissolved Solids (mg/L)	223	222	0.45
Uranium - Dissolved (mg/L)	0.000374	0.000281	28.40

Analyte	GVMW-26B	GVMW-26B Duplicate	Relative Percent Difference (RPD, %)
Barium - Dissolved (mg/L)	0.13	0.114	13.11
Chloride - Total (mg/L)	1.79	1.96	9.07
Fluoride - Total F (mg/L)	0.256	0.245	4.39
Nitrate as Nitrogen (mg/L)	0.653	0.696	6.38
Nitrite + Nitrate as Nitrogen (mg/L)	0.658	0.696	5.61
Sodium - Dissolved (mg/L)	11.6	10.1	13.82
Sulfate - Total (mg/L)	20	22.2	10.43
Total Dissolved Solids (mg/L)	114	88	25.74

Attachment 5

Graphs