STATE OF COLORADO

Russell - DNR, Elliott <elliott.russell@state.co.us>

Grassy Valley - GVMW-25 February Data

Ronald Parratt <Ronald.Parratt@newmont.com> Mon, Mar 7, 2022 at 7:31 AM
To: "elliott.russell@state.co.us" <elliott.russell@state.co.us>
Cc: Justin Raglin <Justin.Raglin@newmont.com>

Good Morning Mr. Russell,

Please see the attached graphs and analytical report for Grassy Valley monitoring well GVMW-25 for the month of February 2022.

Best Regards,

Ron

Ronald Parratt

Site Water Coordinator

Water & Energy Specialist

Newmont NORTH AMERICA

100 North 3rd Street

Victor, Colorado 80860

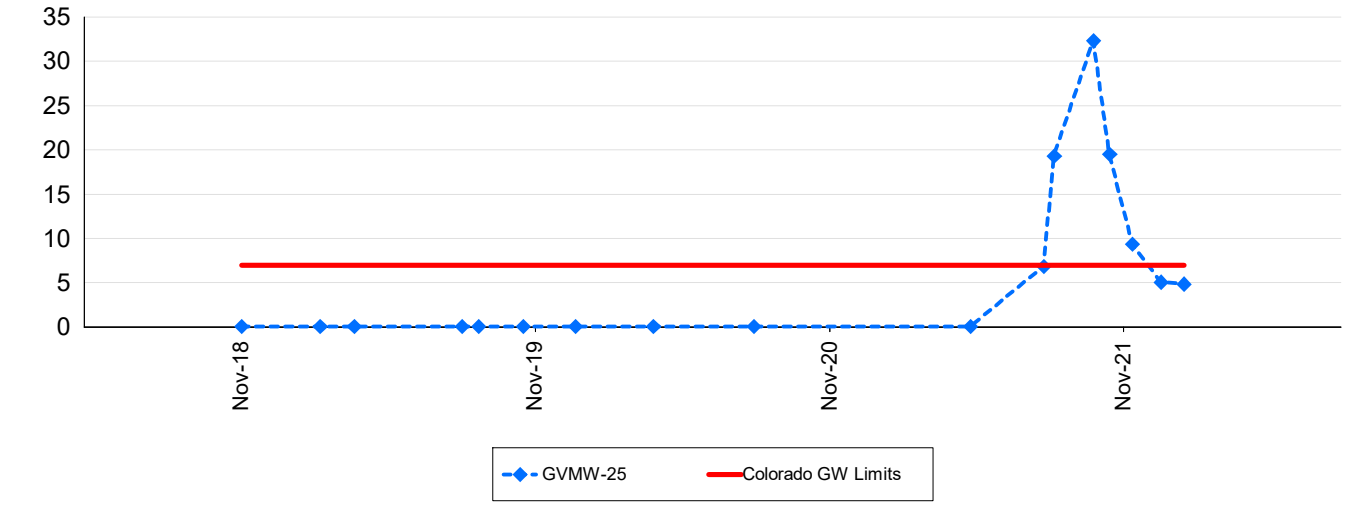
O 719.851.4019

M 719.429.8522

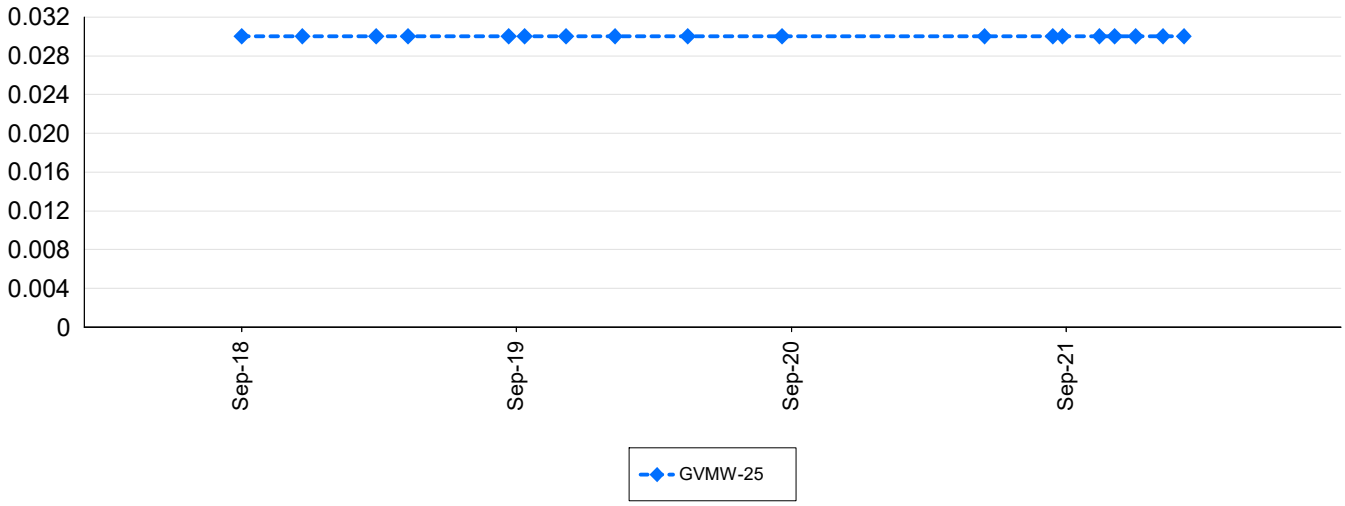
NEWMONT.COM

GVMW-25_Feb_2022_Report.pdf
363K

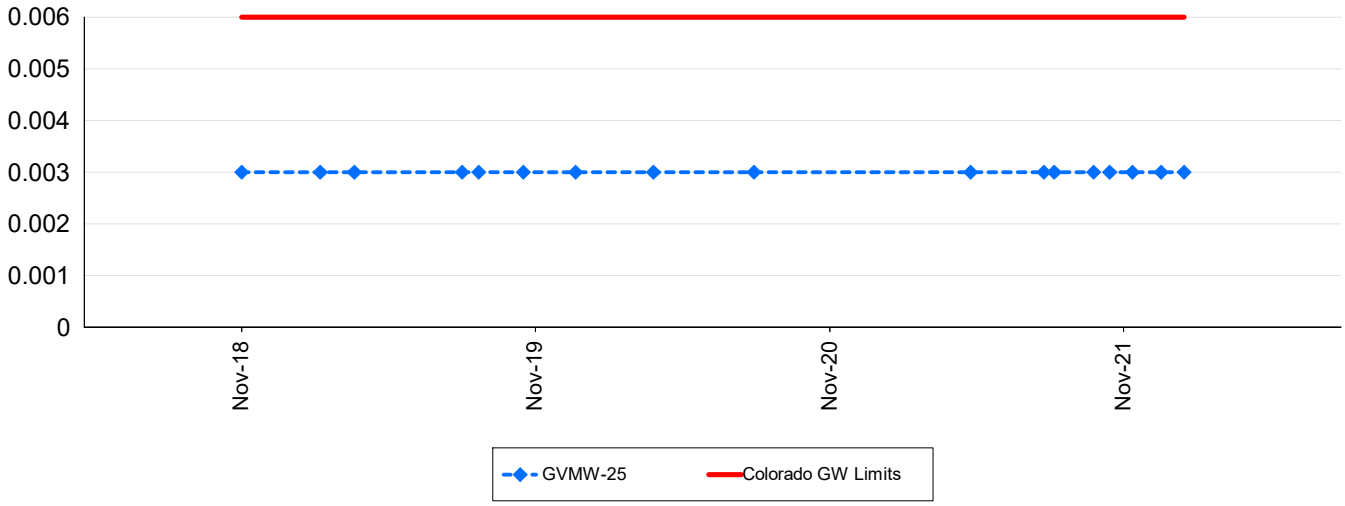
: Aluminium - Dissolved (mg/L)

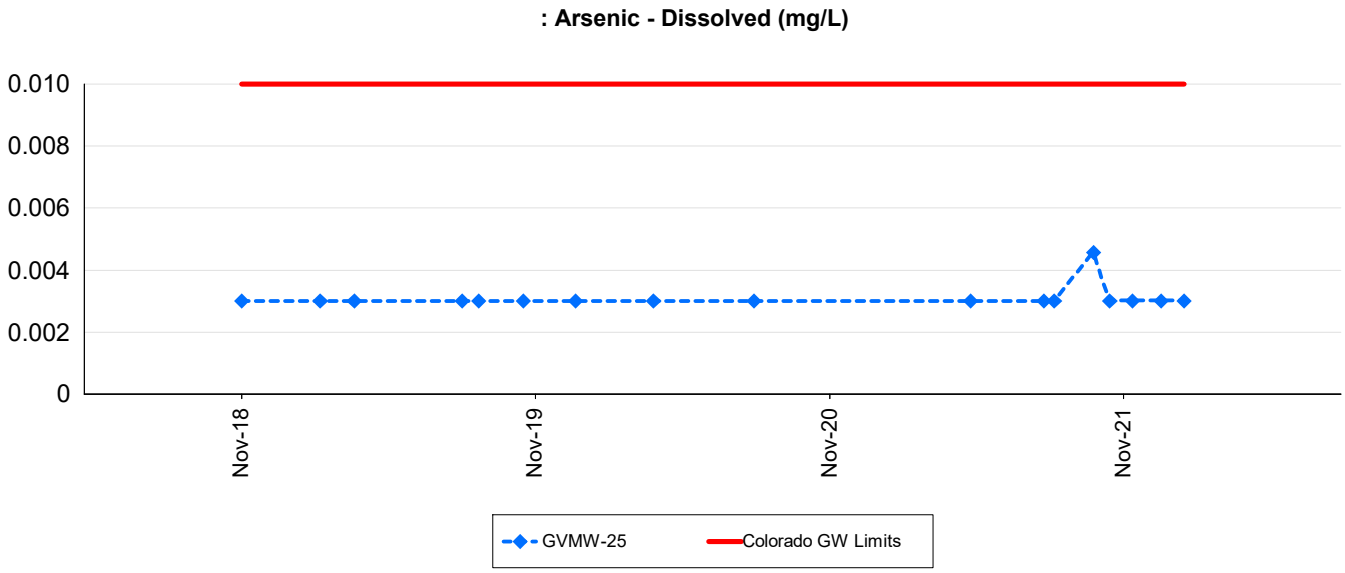


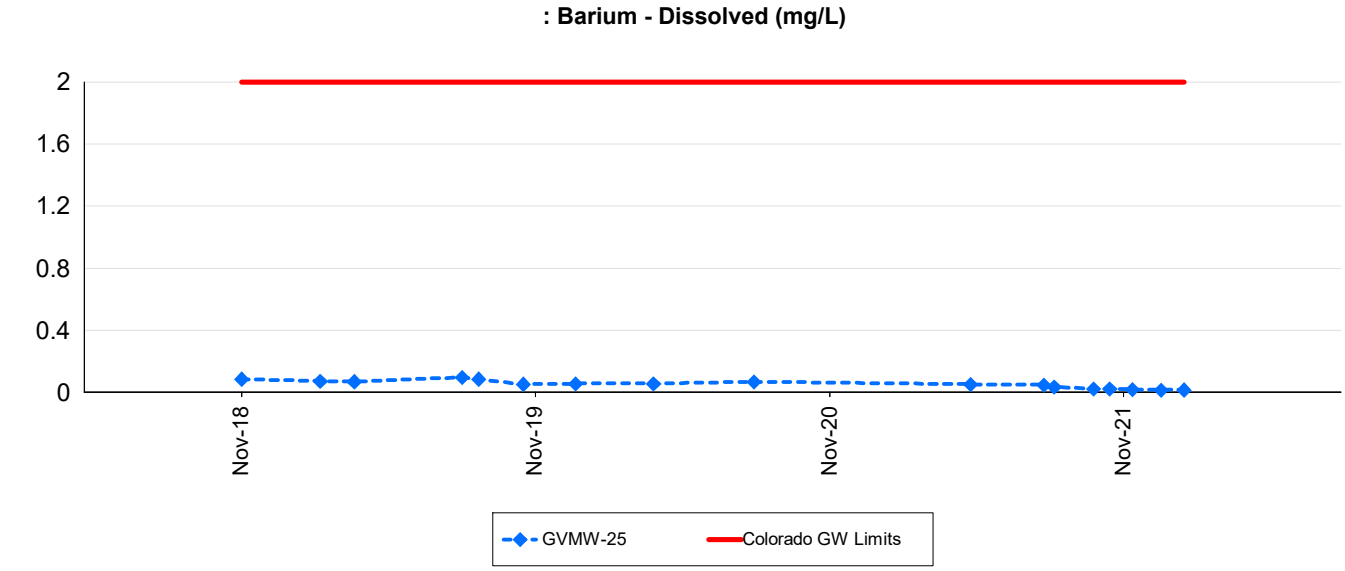
: Ammonia (mg/L)

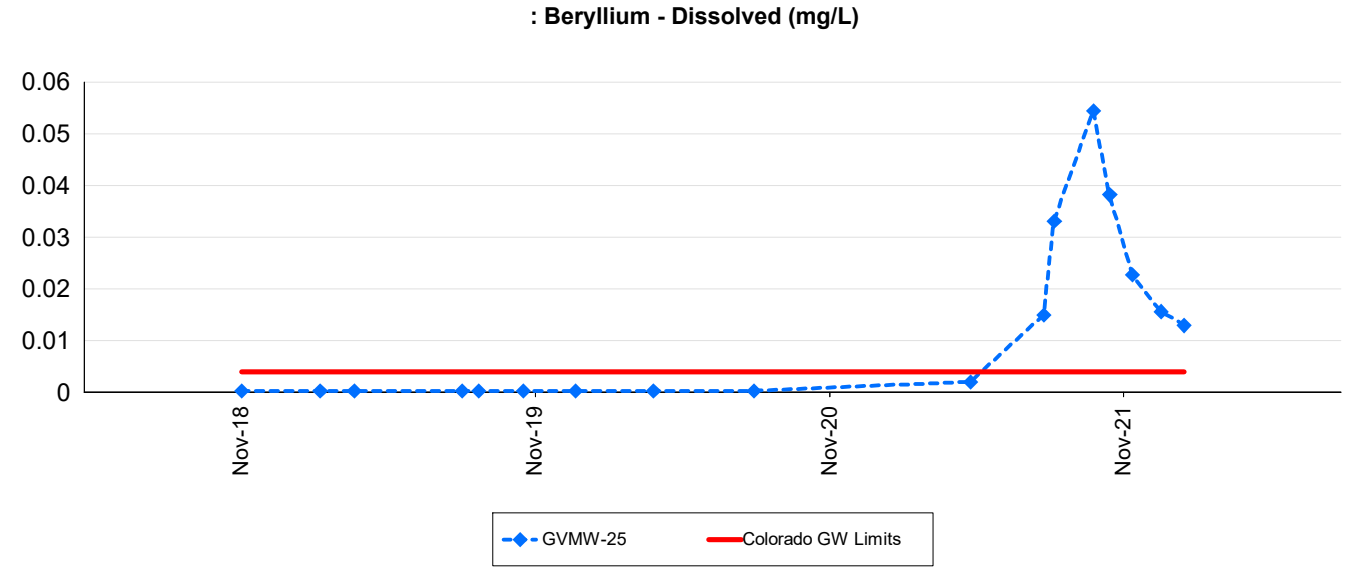


: Antimony - Dissolved (mg/L)

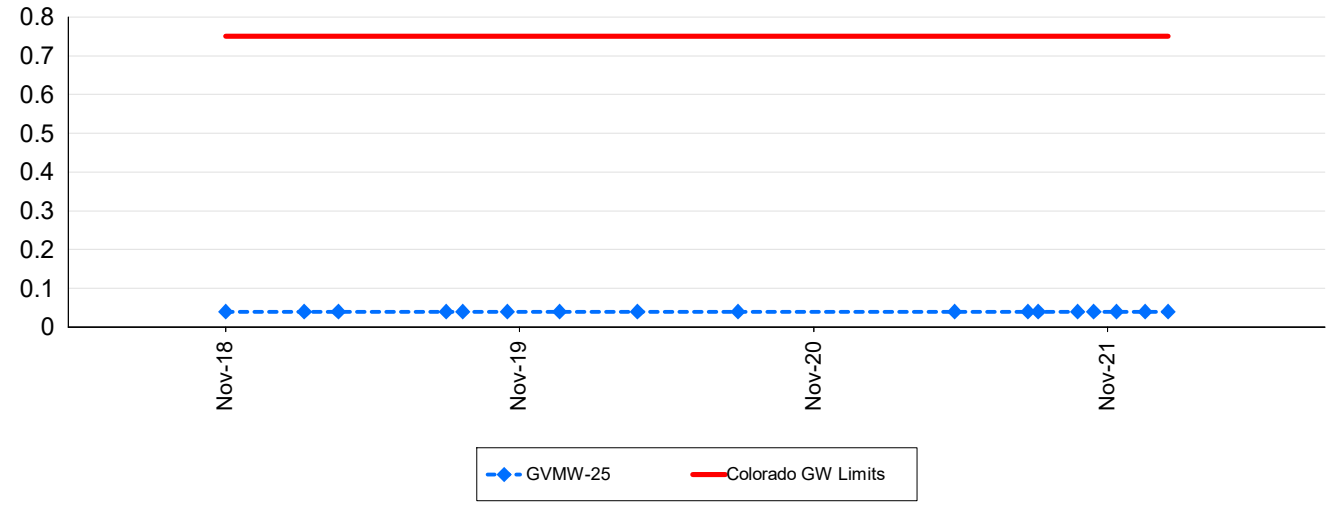



: Arsenic - Dissolved (mg/L)
0.010
0.008
0.006
0.004
0.002
0
Nov-18
Nov-19
Nov-20
Nov-21
GVMW-25
Colorado GW Limits

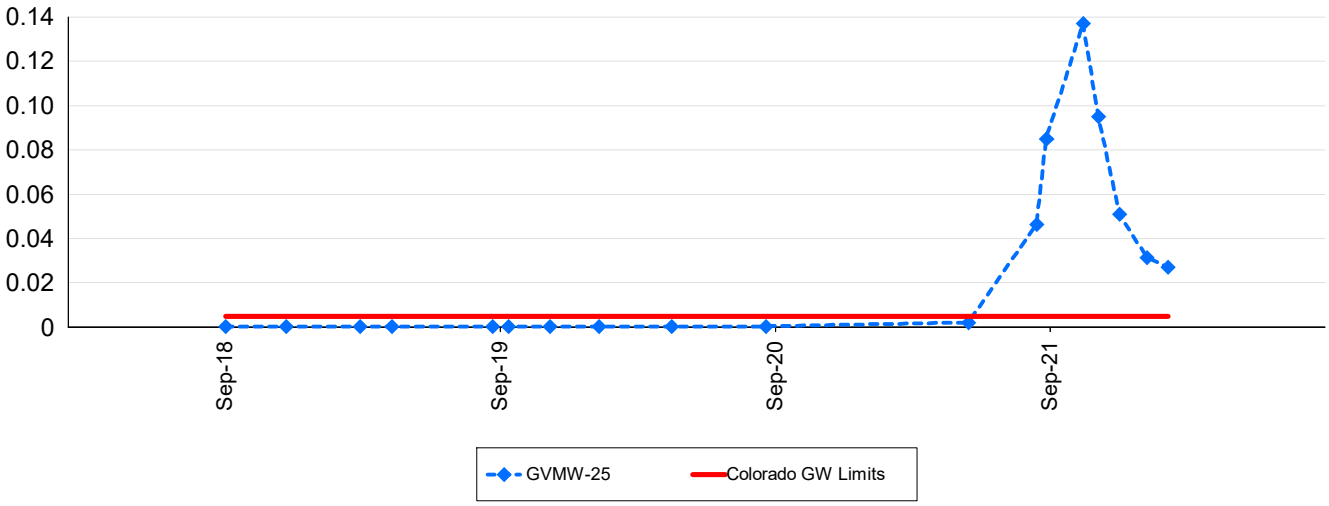

: Barium - Dissolved (mg/L)
2
1.6
1.2
0.8
0.4
0
Nov-18
Nov-19
Nov-20
Nov-21
GVMW-25
Colorado GW Limits


: Beryllium - Dissolved (mg/L)
0.06
0.05
0.04
0.03
0.02
0.01
0
Nov-18
Nov-19
Nov-20
Nov-21
GVMW-25
Colorado GW Limits

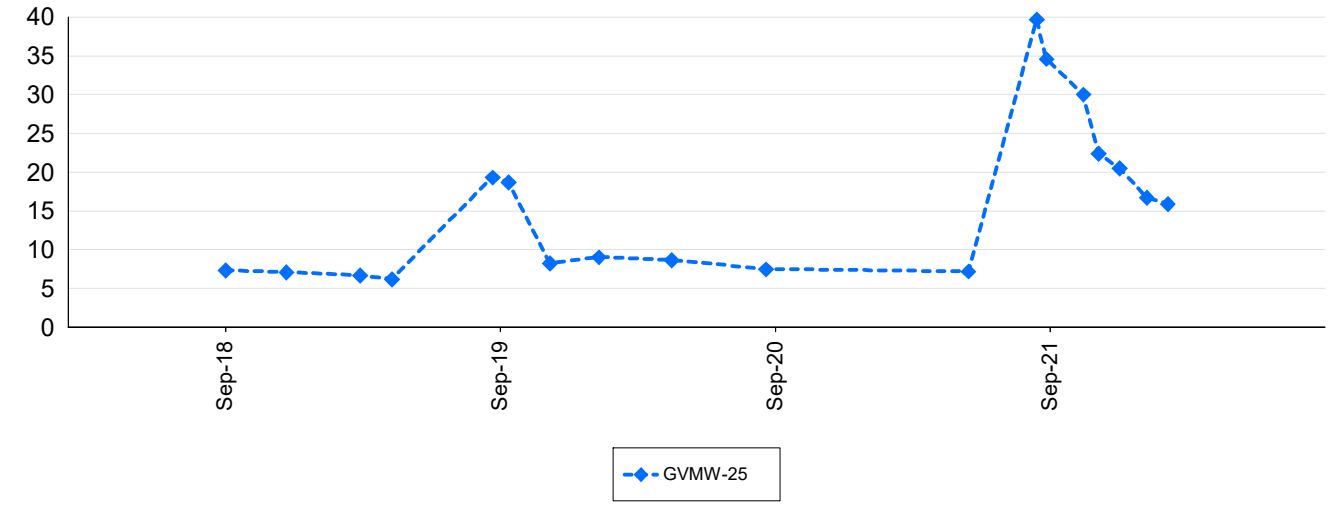
: Boron - Dissolved (mg/L)



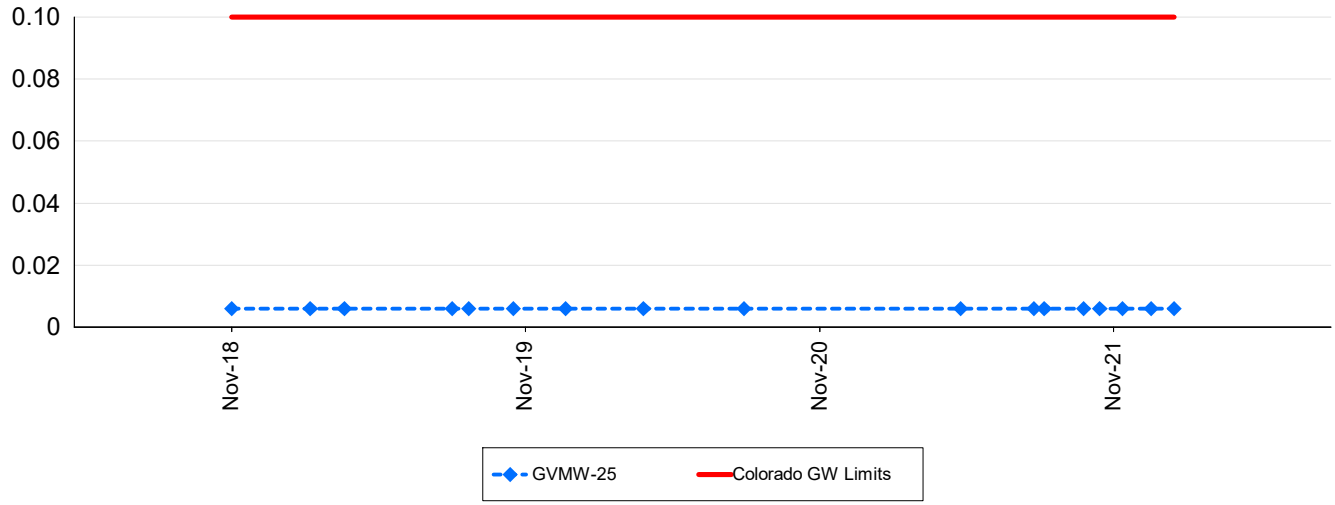
: Cadmium - Dissolved (mg/L)



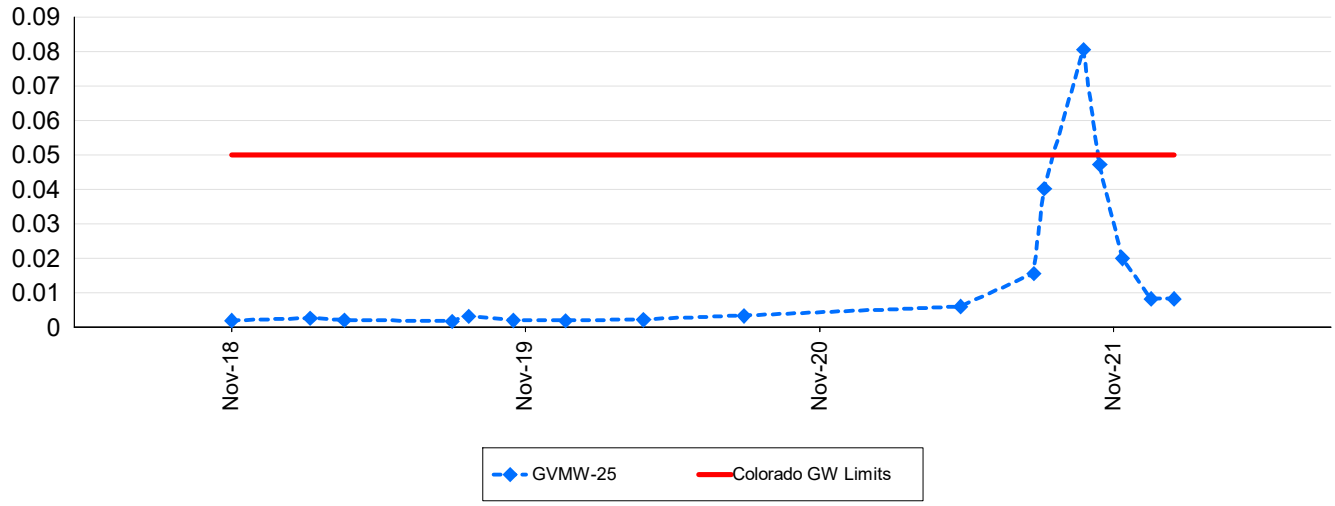
: Chloride - Total (mg/L)



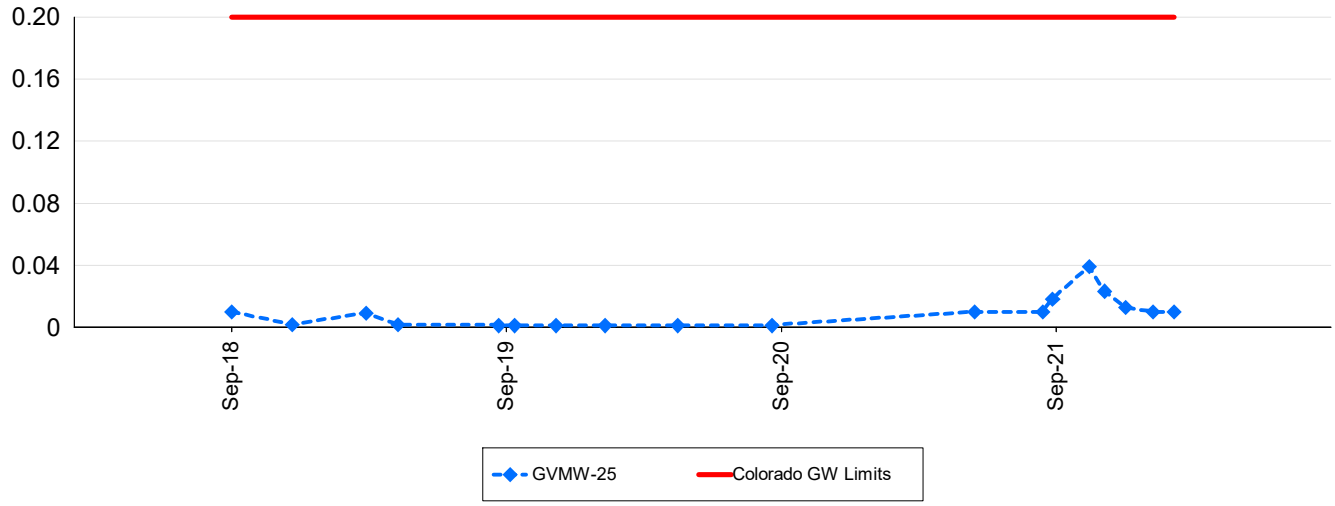
: Chromium - Dissolved (mg/L)



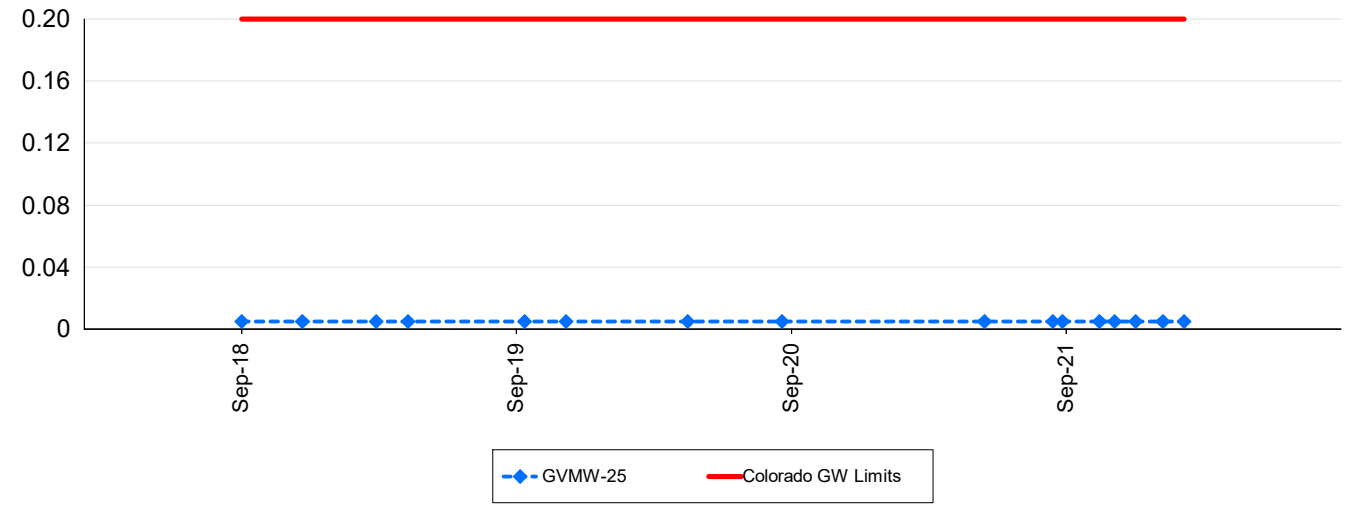
: Cobalt - Dissolved (mg/L)



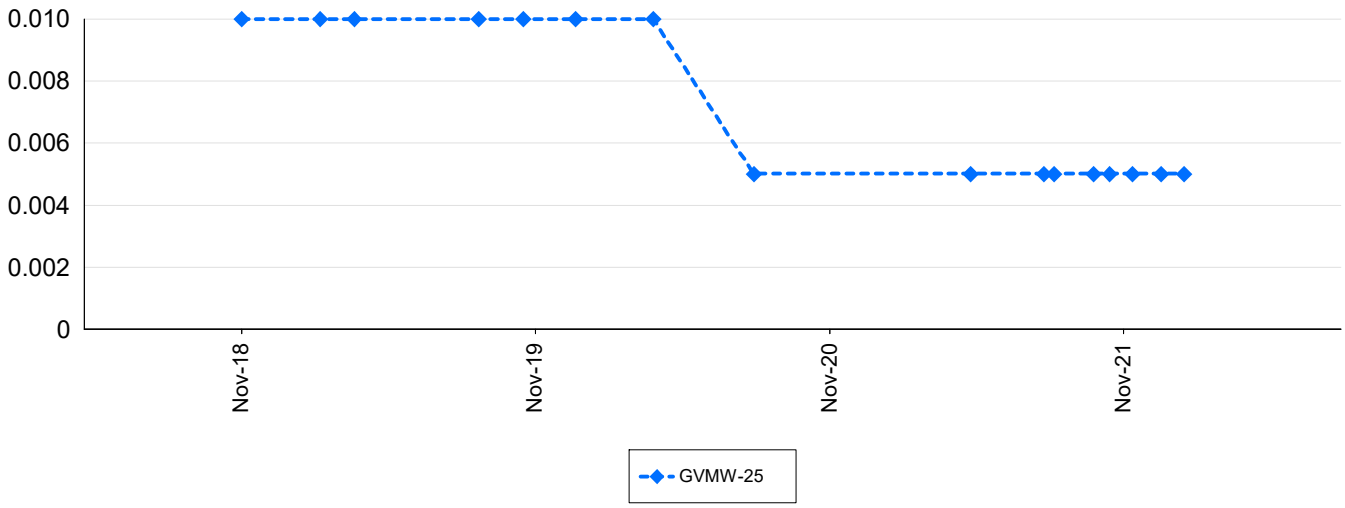
: Copper - Dissolved (mg/L)



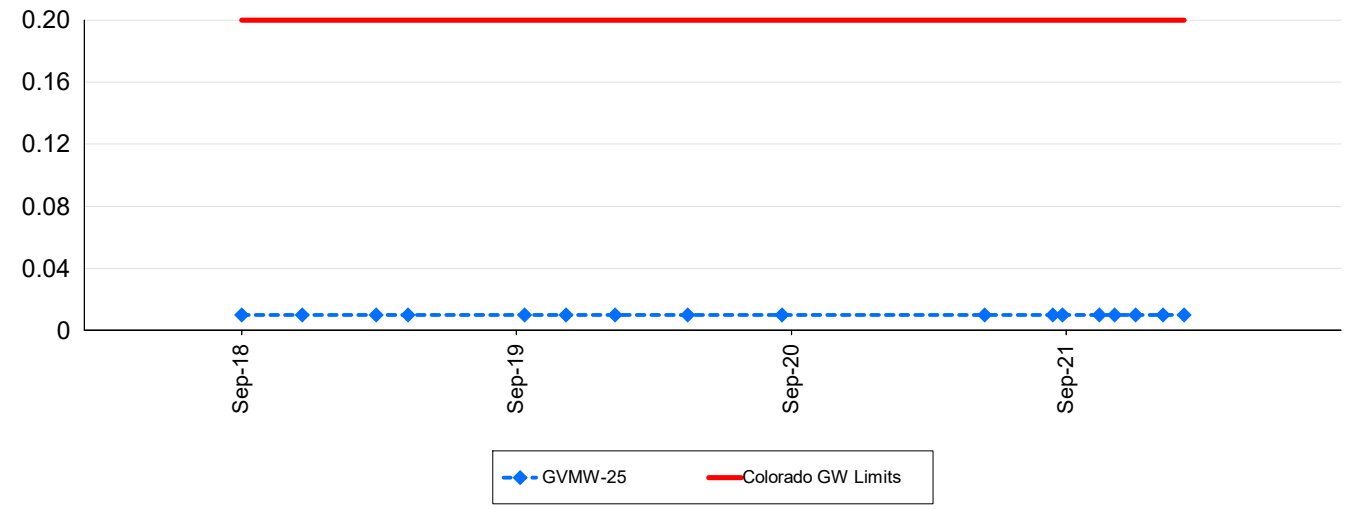
: Cyanide - Free (mg/L)



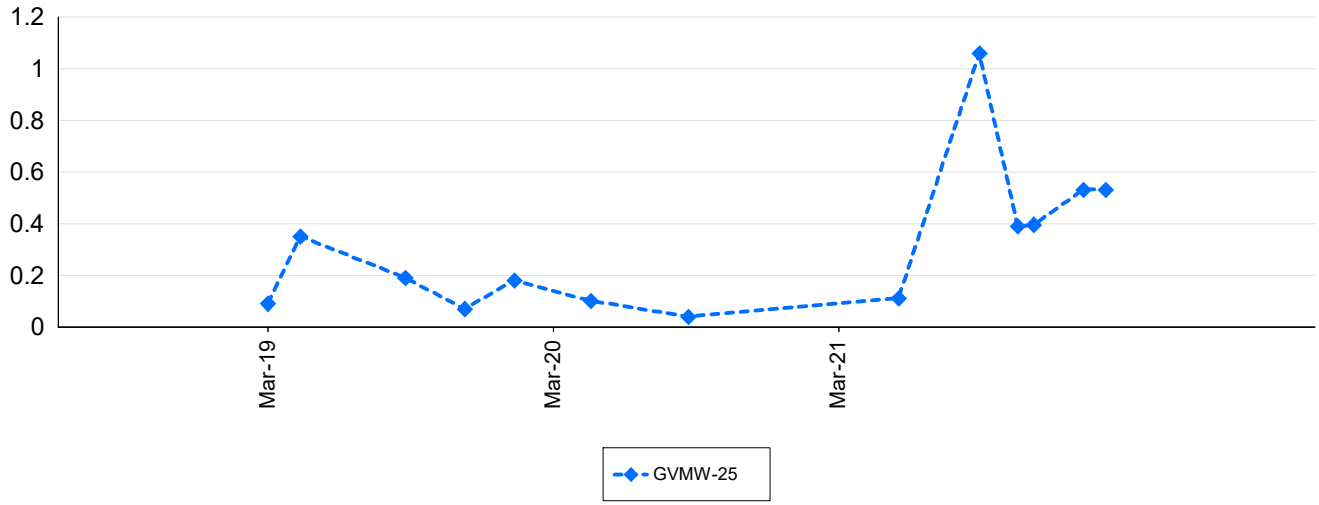
: Cyanide - Total (mg/L)



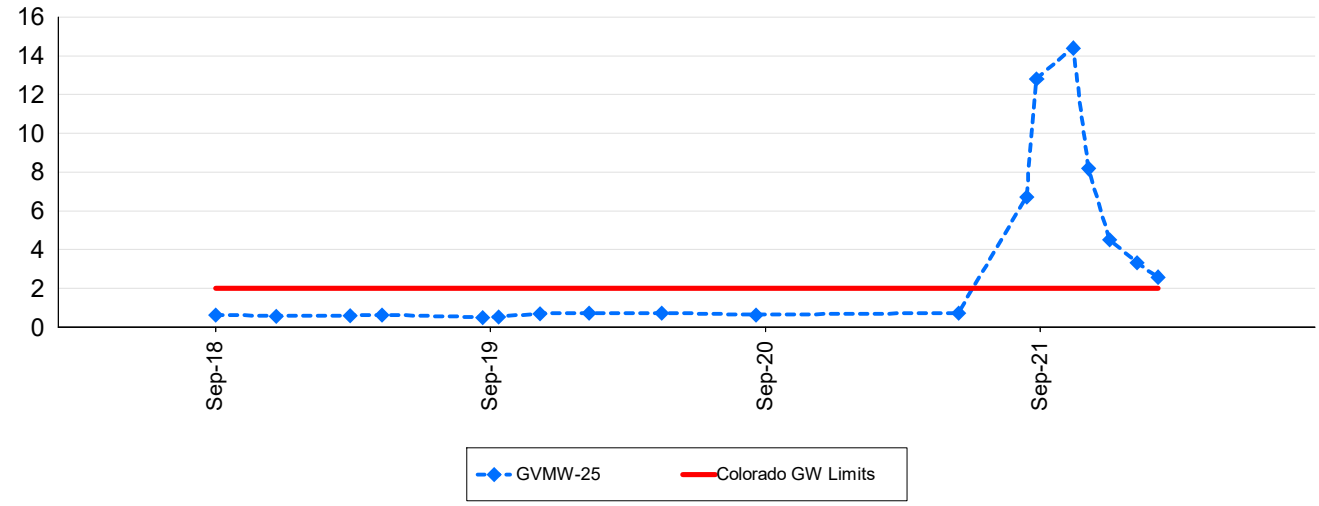
: Cyanide - WAD (mg/L)



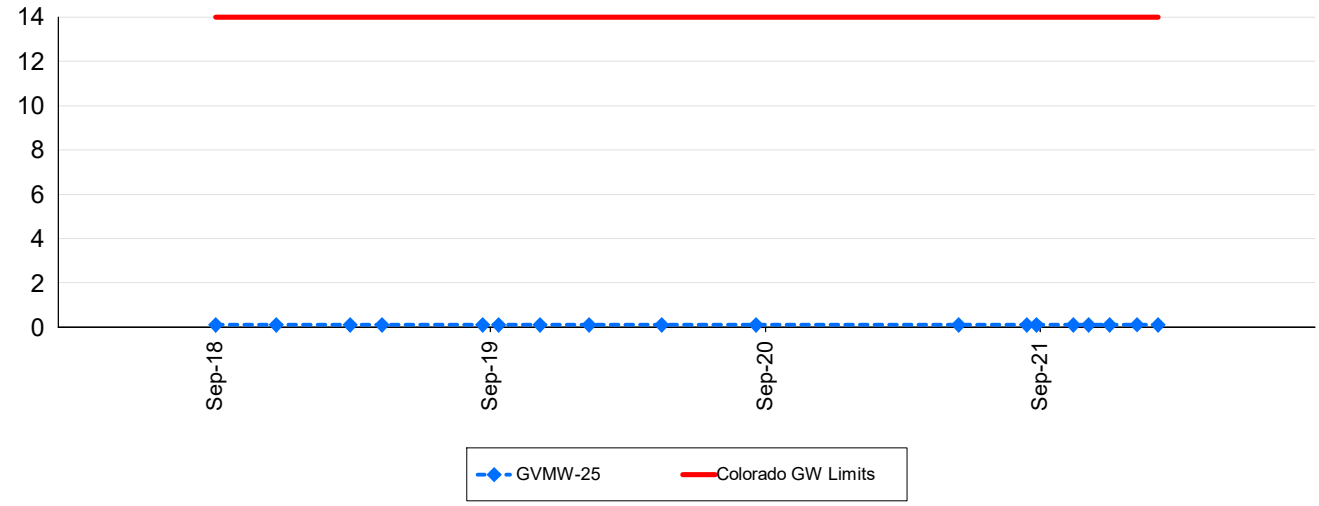
: Flow (gpm)

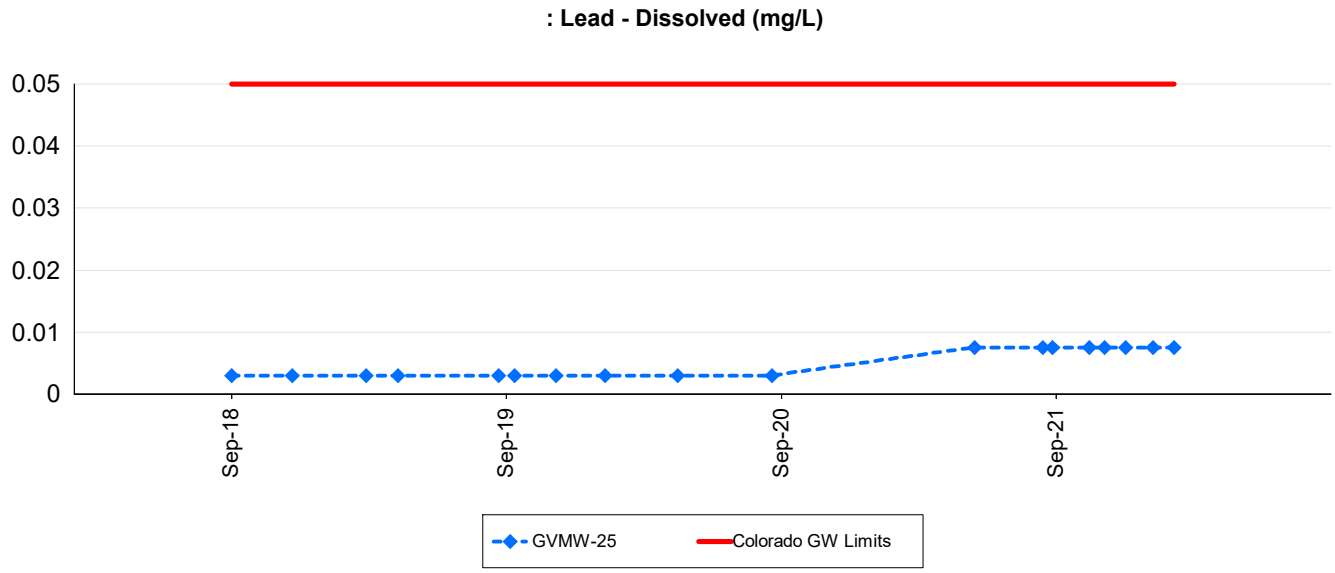


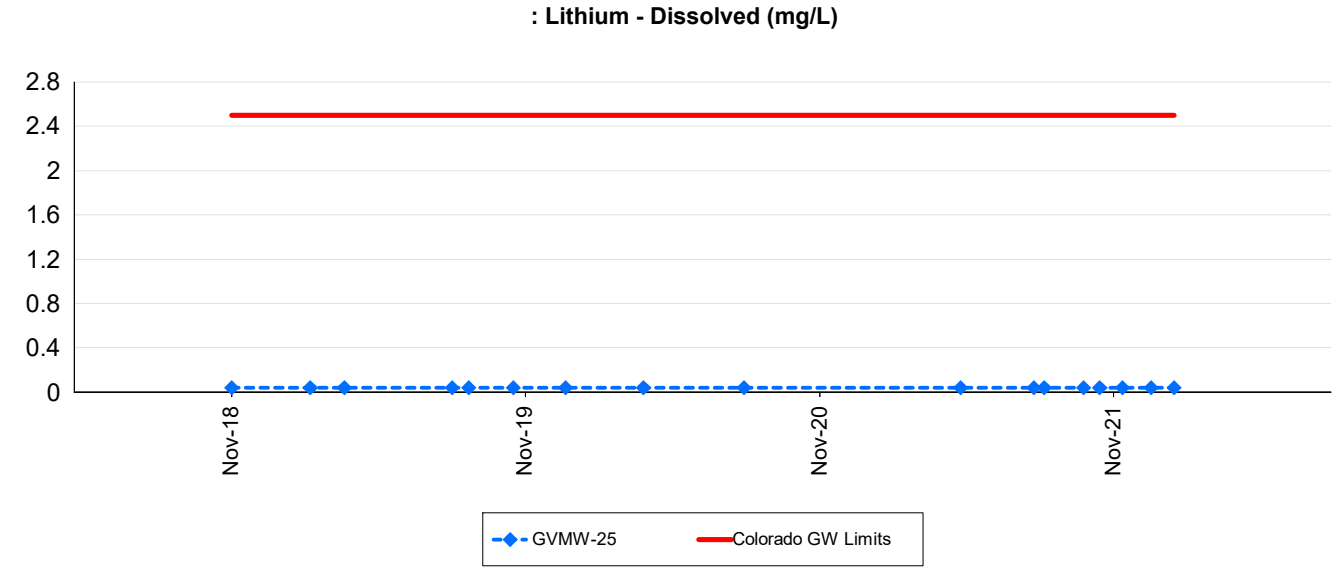
: Fluoride - Total F (mg/L)

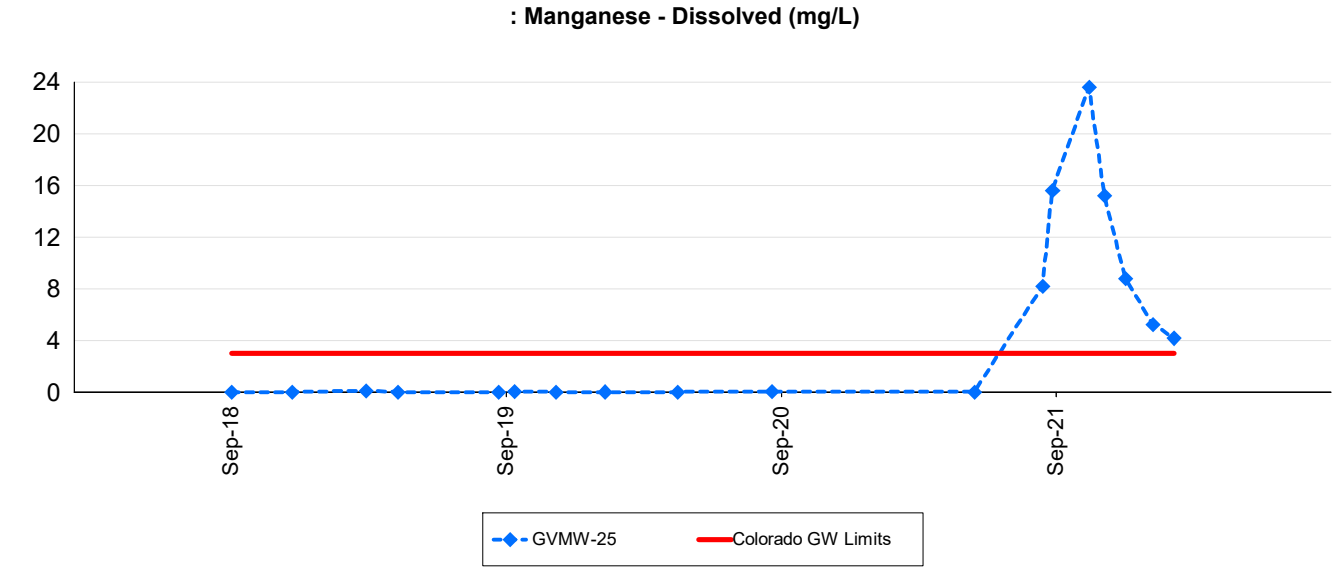


: Iron - Dissolved (mg/L)

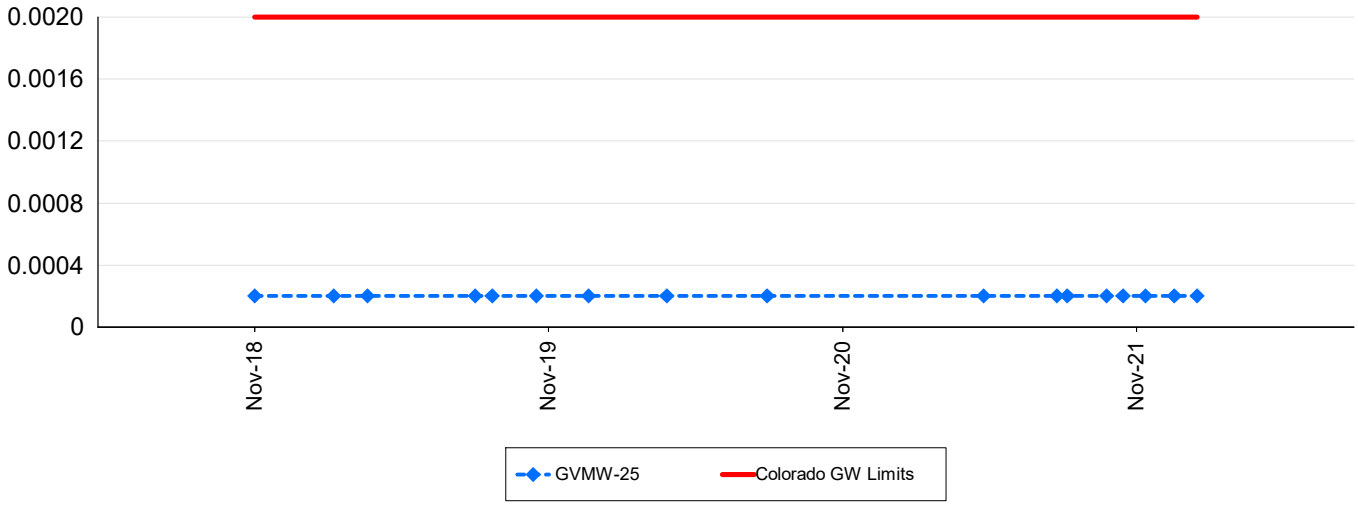



: Lead - Dissolved (mg/L)
0.05
0.04
0.03
0.02
0.01
0
Sep-18
Sep-19
Sep-20
Sep-21
GVMW-25
Colorado GW Limits

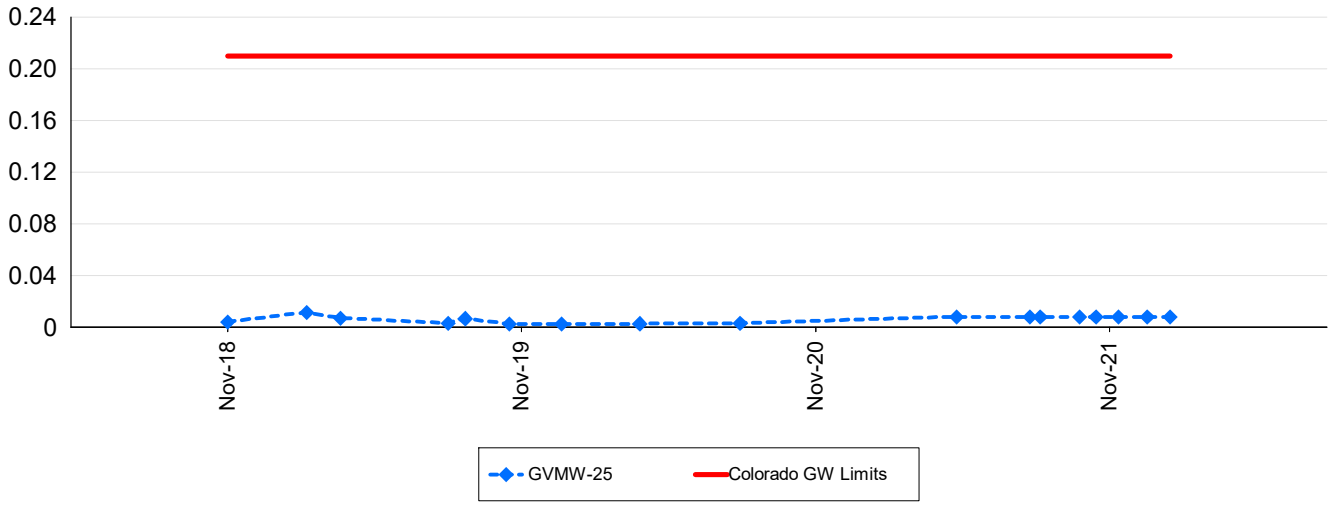

: Lithium - Dissolved (mg/L)
2.8
2.4
2
1.6
1.2
0.8
0.4
0
Nov-18
Nov-19
Nov-20
Nov-21
GVMW-25
Colorado GW Limits


: Manganese - Dissolved (mg/L)
24
20
16
12
8
4
0
Sep-18
Sep-19
Sep-20
Sep-21
GVMW-25
Colorado GW Limits

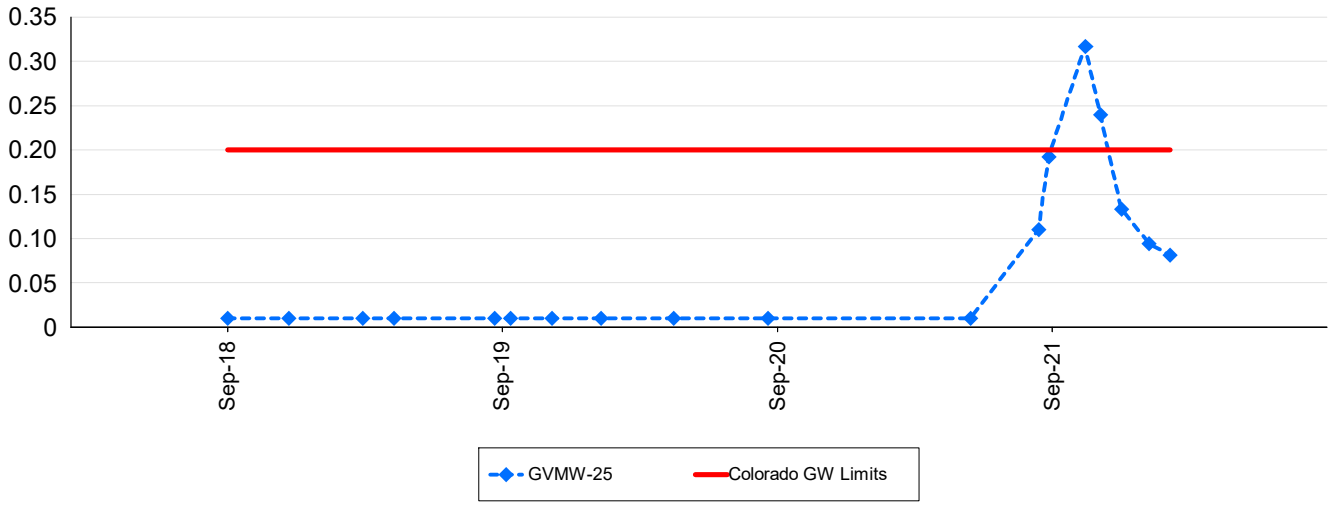
: Mercury - Dissolved (mg/L)



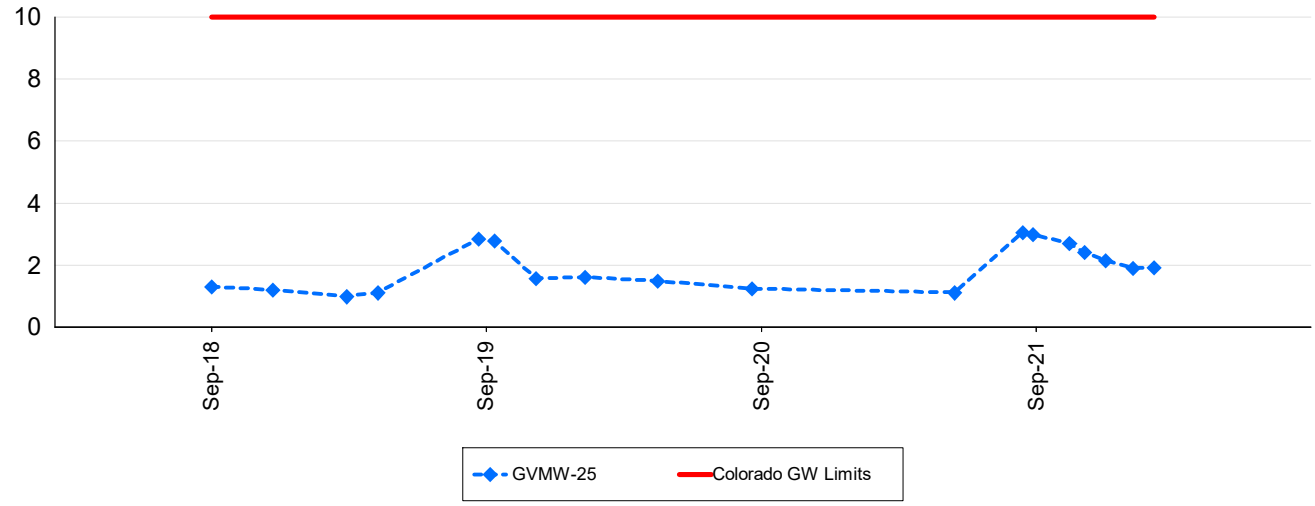
: Molybdenum - Dissolved (mg/L)



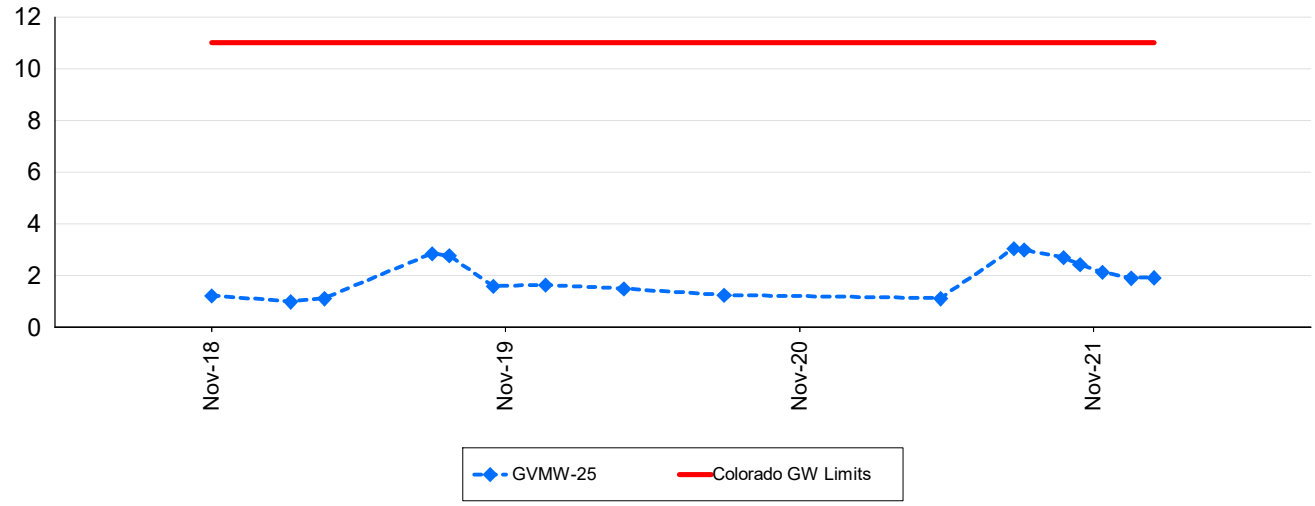
: Nickel - Dissolved (mg/L)



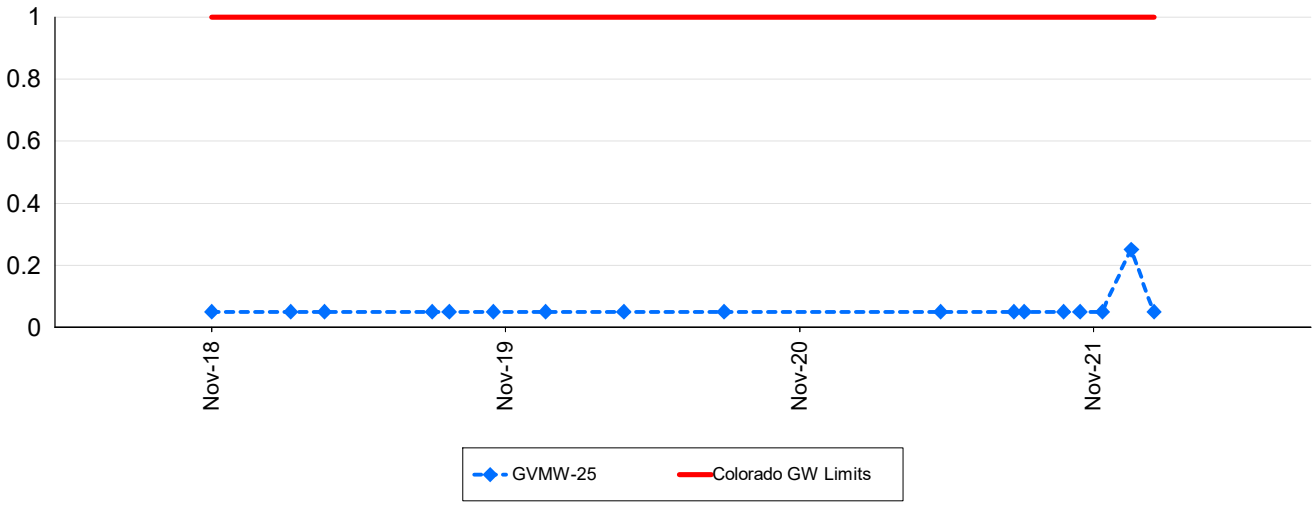
: Nitrate as Nitrogen (mg/L)



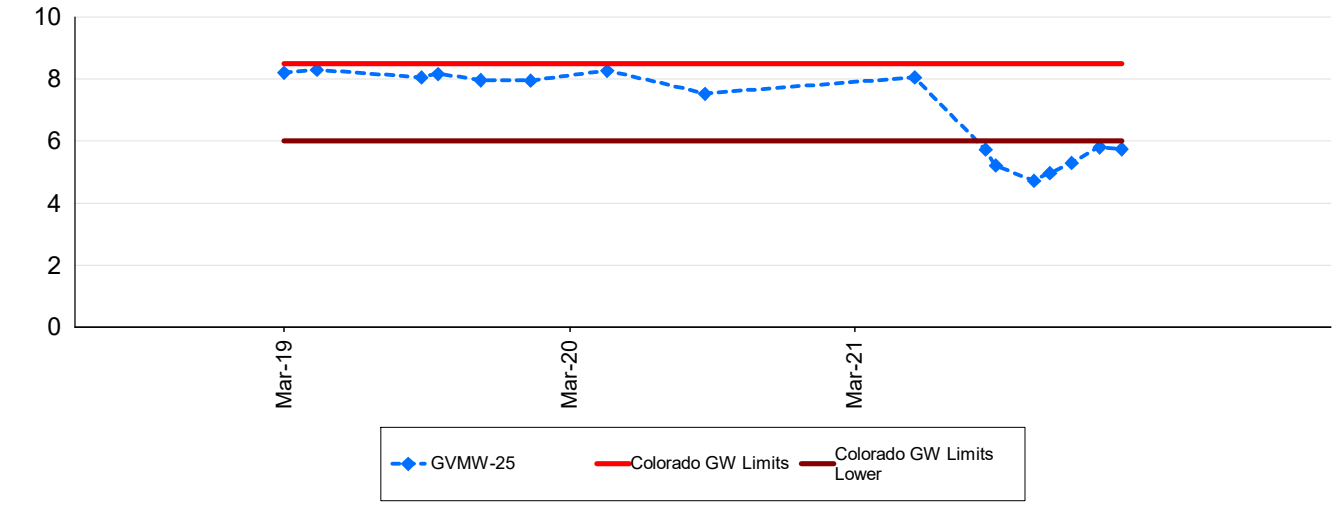
: Nitrite + Nitrate as Nitrogen (mg/L)



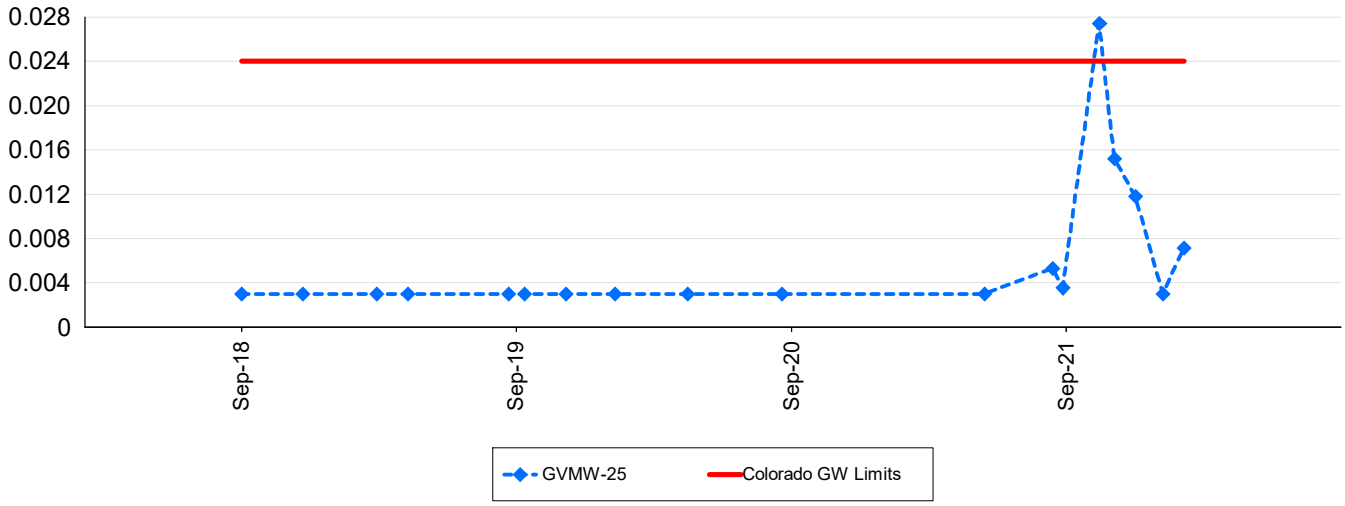
: Nitrite as Nitrogen (mg/L)



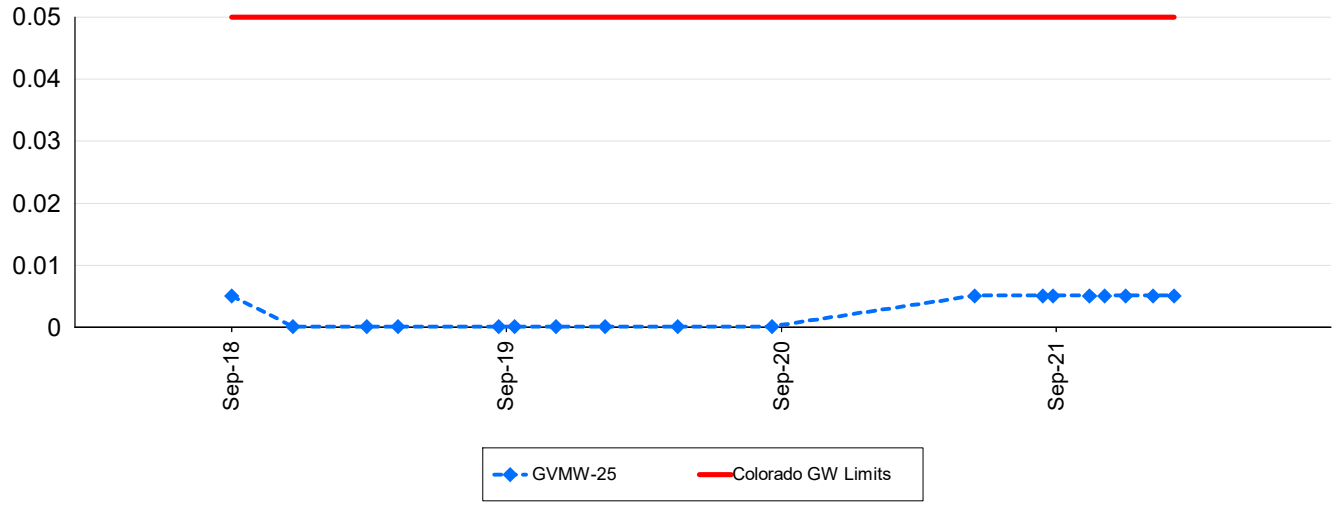
: pH Field (pH unit)



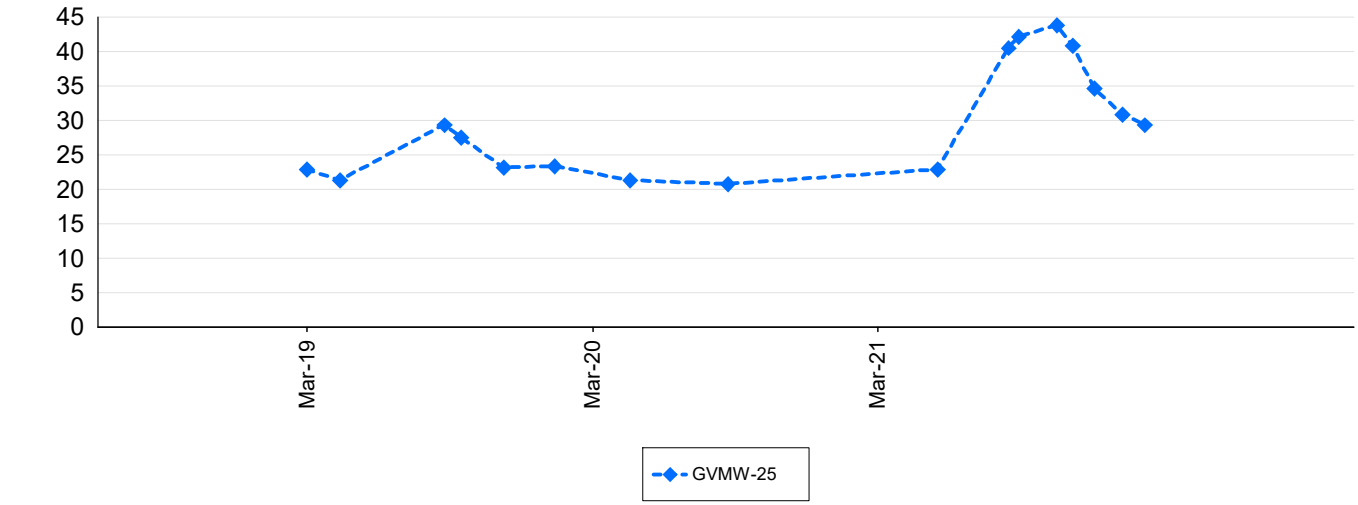
: Selenium - Dissolved (mg/L)



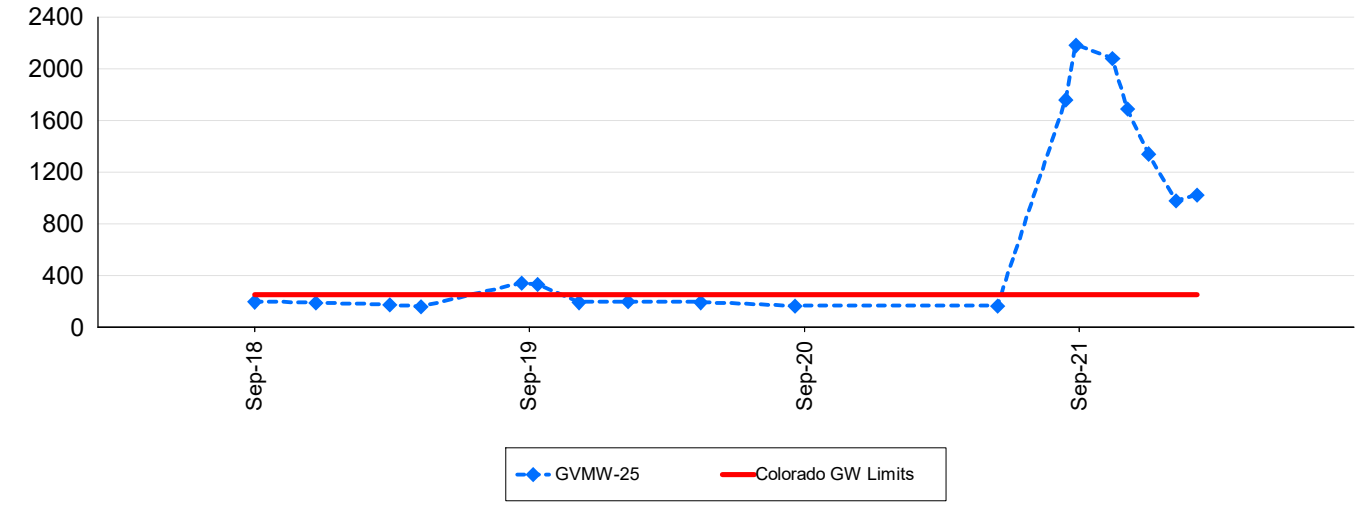
: Silver - Dissolved (mg/L)



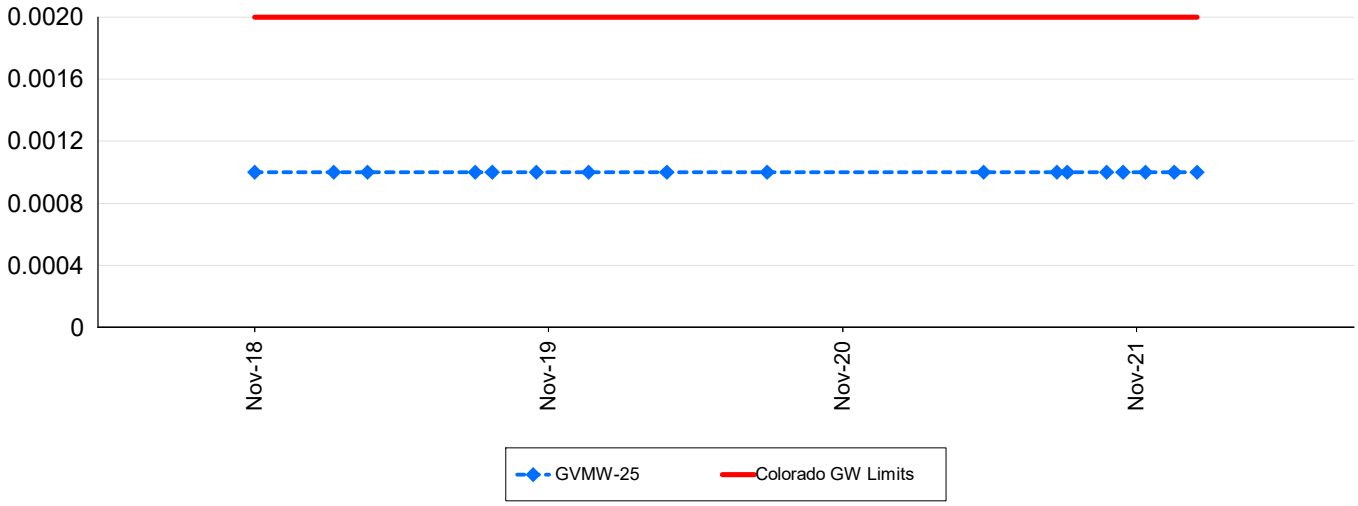
: Sodium - Dissolved (mg/L)



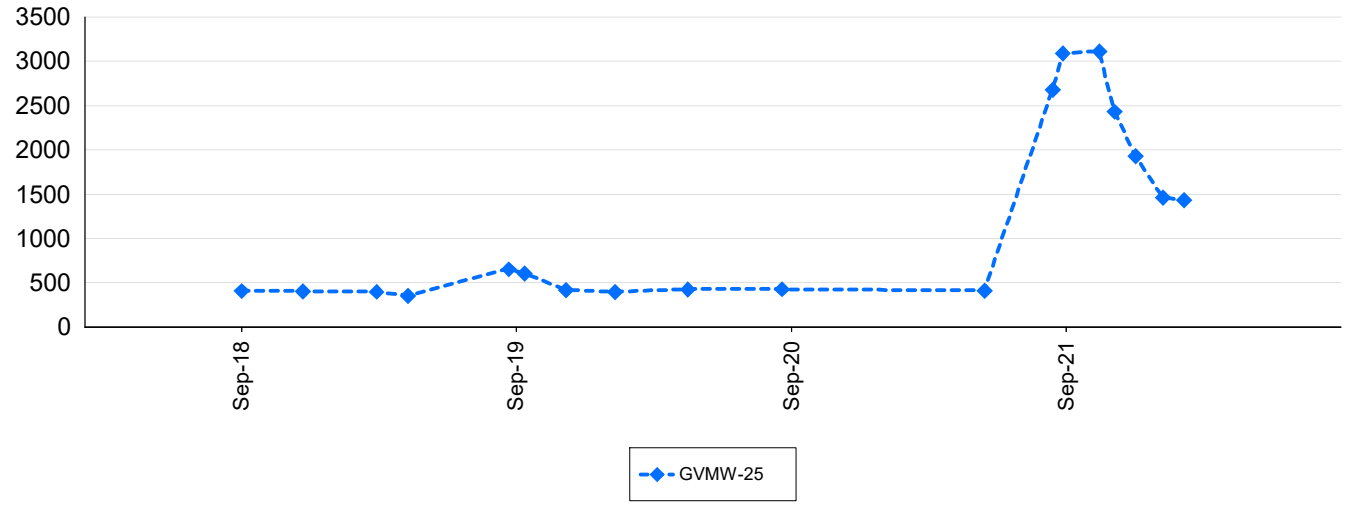
: Sulfate - Total (mg/L)



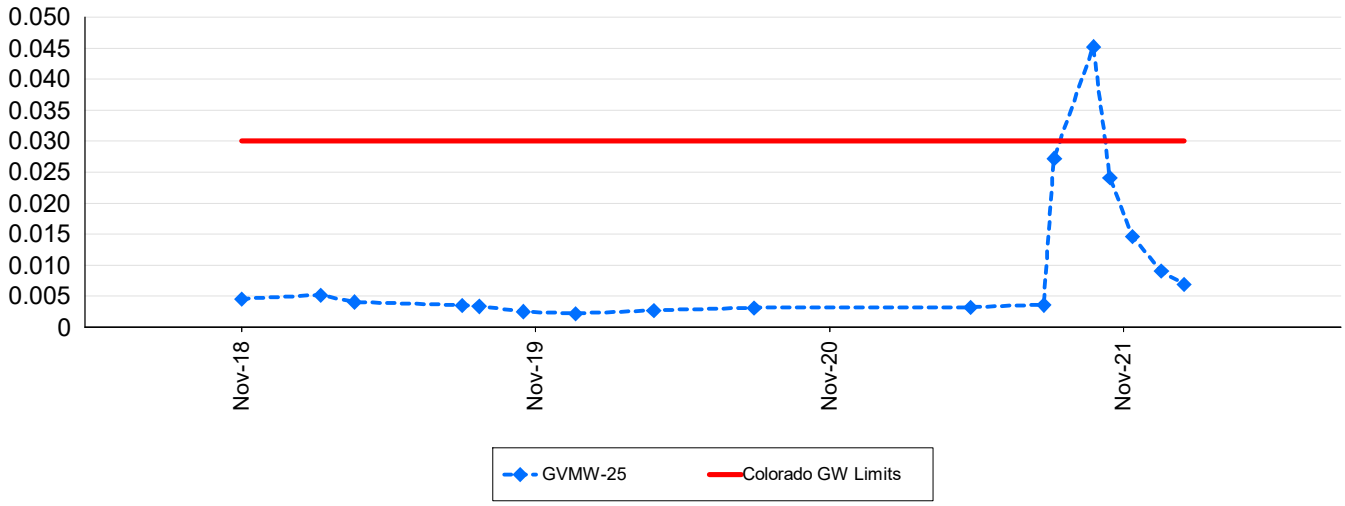
: Thallium - Dissolved (mg/L)



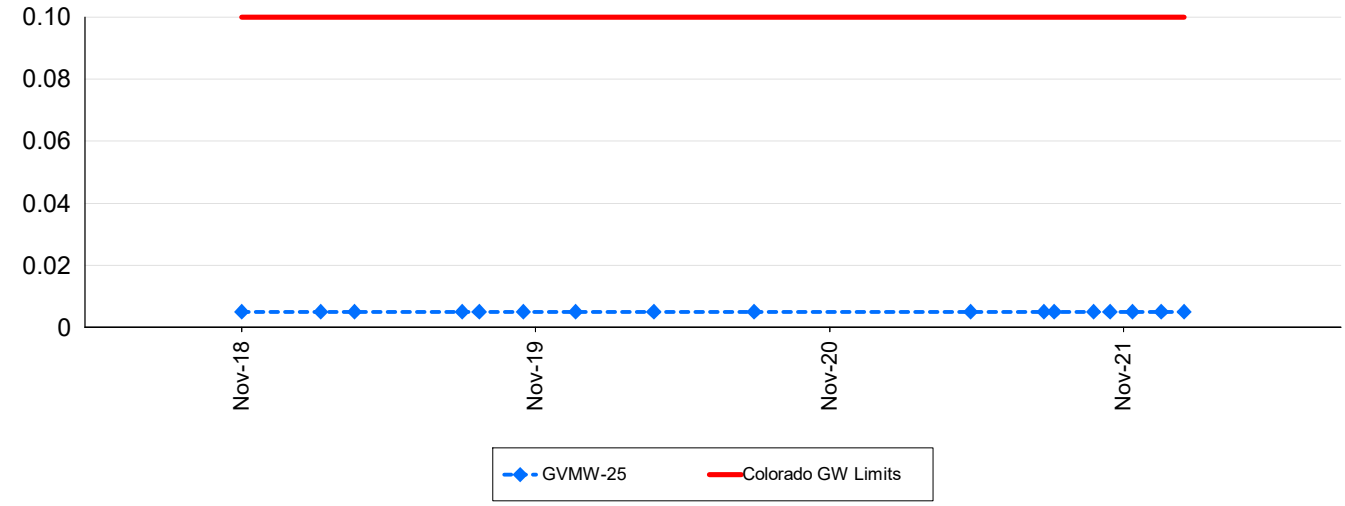
: Total Dissolved Solids (mg/L)

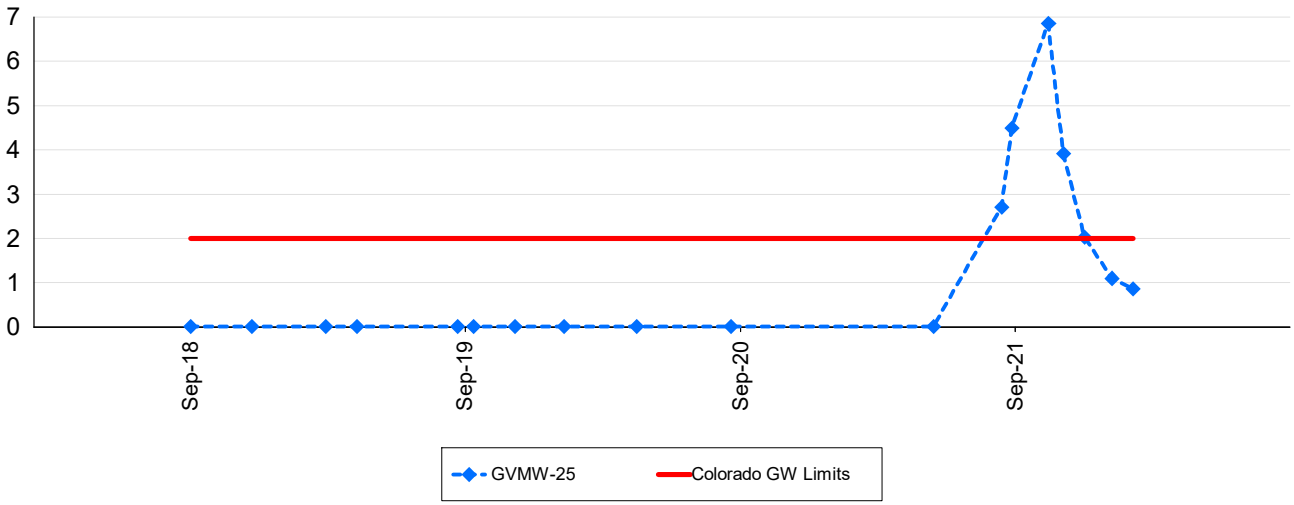


: Uranium - Dissolved (mg/L)



: Vanadium - Dissolved (mg/L)




: Zinc - Dissolved (mg/L)
7
6
5
4
3
2
1
0
Sep-18
Sep-19
Sep-20
Sep-21
GVMW-25
Colorado GW Limits

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 2022**
Post Office Box 191	Work Order: **X2B0193**
Victor, CO 80860	Reported: 25-Feb-22 14:25

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received	Notes
RB-02-20220209	X2B0193-01	Ground Water	09-Feb-22 10:00	BOD	10-Feb-2022	
RB-01-20220209	X2B0193-02	Ground Water	09-Feb-22 08:55	BOD	10-Feb-2022	
GVMW-8A	X2B0193-03	Ground Water	09-Feb-22 08:15	BOD	10-Feb-2022	
GVMW-22A	X2B0193-04	Ground Water	09-Feb-22 11:15		10-Feb-2022	
GVMW-22B	X2B0193-05	Ground Water	09-Feb-22 09:50		10-Feb-2022	
RB-04-20220209	X2B0193-06	Ground Water	09-Feb-22 13:40		10-Feb-2022	
RB-03-20220209	X2B0193-07	Ground Water	09-Feb-22 12:00		10-Feb-2022	
GVMW-25	X2B0193-08	Ground Water	09-Feb-22 13:25		10-Feb-2022	

Solid samples are analyzed on an as-received, wet-weight basis, unless otherwise requested.
Sample preparation is defined by the client as per their Data Quality Objectives.
This report supercedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.
Analyses were performed in accordance with SVL standard operating procedures and calibrations were performed and met SVL internal QC criteria.
The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.

Case Narrative: X2B0193

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 2022
Work Order: **X2B0193**
Reported: 25-Feb-22 14:25

Client Sample ID: **RB-02-20220209**
SVL Sample ID: **X2B0193-01 (Ground Water)**

Sampled: 09-Feb-22 10:00
Received: 10-Feb-22
Sampled By: BOD

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	< 0.100	mg/L	0.100	0.035		X207219	AS	02/25/22 09:23	
EPA 200.7	Magnesium	< 0.500	mg/L	0.500	0.045		X207219	AS	02/25/22 09:23	
EPA 200.7	Potassium	< 0.50	mg/L	0.50	0.09		X207219	AS	02/25/22 09:23	
SM 2340 B	Hardness (as CaCO3)	< 2.31	mg/L	2.31	0.271		N/A		02/25/22 09:23	
Metals (Dissolved)										
EPA 200.7	Aluminum	< 0.080	mg/L	0.080	0.054		X207213	AS	02/25/22 10:28	
EPA 200.7	Barium	< 0.0020	mg/L	0.0020	0.0019		X207213	AS	02/25/22 10:28	
EPA 200.7	Beryllium	< 0.00200	mg/L	0.00200	0.00080		X207213	AS	02/25/22 10:28	
EPA 200.7	Boron	< 0.0400	mg/L	0.0400	0.0078		X207213	AS	02/25/22 10:28	
EPA 200.7	Cadmium	< 0.0020	mg/L	0.0020	0.0016		X207213	AS	02/25/22 10:28	
EPA 200.7	Chromium	< 0.0060	mg/L	0.0060	0.0020		X207213	AS	02/25/22 11:14	
EPA 200.7	Cobalt	< 0.0060	mg/L	0.0060	0.0046		X207213	AS	02/25/22 10:28	
EPA 200.7	Copper	< 0.0100	mg/L	0.0100	0.0027		X207213	AS	02/25/22 10:28	
EPA 200.7	Iron	< 0.100	mg/L	0.100	0.056		X207213	AS	02/25/22 11:14	
EPA 200.7	Lead	< 0.0075	mg/L	0.0075	0.0049		X207213	AS	02/25/22 10:28	
EPA 200.7	Lithium	< 0.040	mg/L	0.040	0.025		X207213	AS	02/25/22 10:28	
EPA 200.7	Manganese	< 0.0080	mg/L	0.0080	0.0034		X207213	AS	02/25/22 10:28	
EPA 200.7	Molybdenum	< 0.0080	mg/L	0.0080	0.0034		X207213	AS	02/25/22 10:28	
EPA 200.7	Nickel	< 0.0100	mg/L	0.0100	0.0048		X207213	AS	02/25/22 10:28	
EPA 200.7	Silver	< 0.0050	mg/L	0.0050	0.0019		X207213	AS	02/25/22 10:28	
EPA 200.7	Sodium	< 0.50	mg/L	0.50	0.12		X207213	AS	02/25/22 10:28	
EPA 200.7	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X207213	AS	02/25/22 10:28	
EPA 200.7	Zinc	< 0.0100	mg/L	0.0100	0.0054		X207213	AS	02/25/22 10:28	
EPA 200.8	Antimony	< 0.00300	mg/L	0.00300	0.00072		X207229	KAH	02/22/22 15:44	
EPA 200.8	Arsenic	< 0.00300	mg/L	0.00300	0.00021		X207229	KAH	02/22/22 15:44	
EPA 200.8	Selenium	< 0.00300	mg/L	0.00300	0.00024		X207229	KAH	02/22/22 15:44	
EPA 200.8	Thallium	< 0.00100	mg/L	0.00100	0.00008		X207229	KAH	02/22/22 15:44	
EPA 200.8	Uranium	< 0.00100	mg/L	0.00100	0.000052		X207229	KAH	02/22/22 15:44	
Metals (Filtered)										
EPA 245.1	Mercury	< 0.000200	mg/L	0.000200	0.000093		X207254	ATM	02/16/22 13:00	
Classical Chemistry Parameters										
ASTM D7237	Cyanide (free) @ pH 6 @22.0°C	< 0.0050	mg/L	0.0050	0.0048		X208124	HJL	02/16/22 09:16	
EPA 335.4	Cyanide (total)	< 0.0050	mg/L	0.0050	0.0038		X208150	KJR	02/22/22 19:56	
EPA 350.1	Ammonia as N	< 0.030	mg/L	0.030	0.013		X209057	KJR	02/23/22 18:13	
OIA 1677	Cyanide (WAD)	< 0.0100	mg/L	0.0100	0.0010		X208048	HJL	02/16/22 11:11	
SM 2310 B	Acidity to pH 8.3	< 10.0	mg/L as CaCO3	10.0			X209105	KAG	02/23/22 14:28	
SM 2320 B	Total Alkalinity	< 1.0	mg/L as CaCO3	1.0			X208037	MWD	02/16/22 12:53	
SM 2320 B	Bicarbonate	< 1.0	mg/L as CaCO3	1.0			X208037	MWD	02/16/22 12:53	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO3	1.0			X208037	MWD	02/16/22 12:53	
SM 2320 B	Hydroxide	< 1.0	mg/L as CaCO3	1.0			X208037	MWD	02/16/22 12:53	
SM 2540 C	Total Diss. Solids	< 10	mg/L	10			X207232	TJL	02/11/22 16:20	
SM 2540 D	Total Susp. Solids	< 5.0	mg/L	5.0			X207233	TJL	02/11/22 16:20	
SM 4500 H B	**pH @19.0°C**	5.8	pH Units				X208037	MWD	02/16/22 12:53	H5

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 2022
Work Order: **X2B0193**
Reported: 25-Feb-22 14:25

Client Sample ID: **RB-02-20220209**
SVL Sample ID: **X2B0193-01 (Ground Water)**

Sampled: 09-Feb-22 10:00
Received: 10-Feb-22
Sampled By: BOD

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Anions by Ion Chromatography										
EPA 300.0	Chloride	< 0.20	mg/L	0.20	0.14		X207195	RS	02/10/22 14:30	
EPA 300.0	Fluoride	< 0.100	mg/L	0.100	0.062		X207195	RS	02/10/22 14:30	
EPA 300.0	Nitrate as N	< 0.050	mg/L	0.050	0.043		X207195	RS	02/10/22 14:30	
EPA 300.0	Nitrate+Nitrite as N	< 0.100	mg/L	0.100	0.074		X207195	RS	02/10/22 14:30	
EPA 300.0	Nitrite as N	< 0.050	mg/L	0.050	0.031		X207195	RS	02/10/22 14:30	
EPA 300.0	Sulfate as SO4	< 0.30	mg/L	0.30	0.18		X207195	RS	02/10/22 14:30	
Cation/Anion Balance and TDS Ratios										

Cation Sum: 0.03 meq/L Anion Sum: 0.04 meq/L C/A Balance: -16.62 % Calculated TDS: 0

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Herman J. Haring
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 2022
Work Order: **X2B0193**
Reported: 25-Feb-22 14:25

Client Sample ID: **RB-01-20220209**
SVL Sample ID: **X2B0193-02 (Ground Water)**

Sampled: 09-Feb-22 08:55
Received: 10-Feb-22
Sampled By: BOD

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	< 0.100	mg/L	0.100	0.035		X207219	AS	02/25/22 09:34	
EPA 200.7	Magnesium	< 0.500	mg/L	0.500	0.045		X207219	AS	02/25/22 09:34	
EPA 200.7	Potassium	< 0.50	mg/L	0.50	0.09		X207219	AS	02/25/22 09:34	
SM 2340 B	Hardness (as CaCO3)	< 2.31	mg/L	2.31	0.271		N/A		02/25/22 09:34	
Metals (Dissolved)										
EPA 200.7	Aluminum	< 0.080	mg/L	0.080	0.054		X207213	AS	02/25/22 10:37	
EPA 200.7	Barium	< 0.0020	mg/L	0.0020	0.0019		X207213	AS	02/25/22 10:37	
EPA 200.7	Beryllium	< 0.00200	mg/L	0.00200	0.00080		X207213	AS	02/25/22 10:37	
EPA 200.7	Boron	< 0.0400	mg/L	0.0400	0.0078		X207213	AS	02/25/22 10:37	
EPA 200.7	Cadmium	< 0.0020	mg/L	0.0020	0.0016		X207213	AS	02/25/22 10:37	
EPA 200.7	Chromium	< 0.0060	mg/L	0.0060	0.0020		X207213	AS	02/25/22 11:27	
EPA 200.7	Cobalt	< 0.0060	mg/L	0.0060	0.0046		X207213	AS	02/25/22 10:37	
EPA 200.7	Copper	< 0.0100	mg/L	0.0100	0.0027		X207213	AS	02/25/22 10:37	
EPA 200.7	Iron	< 0.100	mg/L	0.100	0.056		X207213	AS	02/25/22 11:27	
EPA 200.7	Lead	< 0.0075	mg/L	0.0075	0.0049		X207213	AS	02/25/22 10:37	
EPA 200.7	Lithium	< 0.040	mg/L	0.040	0.025		X207213	AS	02/25/22 10:37	
EPA 200.7	Manganese	< 0.0080	mg/L	0.0080	0.0034		X207213	AS	02/25/22 10:37	
EPA 200.7	Molybdenum	< 0.0080	mg/L	0.0080	0.0034		X207213	AS	02/25/22 10:37	
EPA 200.7	Nickel	< 0.0100	mg/L	0.0100	0.0048		X207213	AS	02/25/22 10:37	
EPA 200.7	Silver	< 0.0050	mg/L	0.0050	0.0019		X207213	AS	02/25/22 10:37	
EPA 200.7	Sodium	< 0.50	mg/L	0.50	0.12		X207213	AS	02/25/22 10:37	
EPA 200.7	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X207213	AS	02/25/22 10:37	
EPA 200.7	Zinc	< 0.0100	mg/L	0.0100	0.0054		X207213	AS	02/25/22 10:37	
EPA 200.8	Antimony	< 0.00300	mg/L	0.00300	0.00072		X207229	KAH	02/22/22 15:55	
EPA 200.8	Arsenic	< 0.00300	mg/L	0.00300	0.00021		X207229	KAH	02/22/22 15:55	
EPA 200.8	Selenium	< 0.00300	mg/L	0.00300	0.00024		X207229	KAH	02/22/22 15:55	
EPA 200.8	Thallium	< 0.00100	mg/L	0.00100	0.00008		X207229	KAH	02/22/22 15:55	
EPA 200.8	Uranium	< 0.00100	mg/L	0.00100	0.000052		X207229	KAH	02/22/22 15:55	
Metals (Filtered)										
EPA 245.1	Mercury	< 0.000200	mg/L	0.000200	0.000093		X207254	ATM	02/16/22 13:02	
Classical Chemistry Parameters										
ASTM D7237	Cyanide (free) @ pH 6 @22.0°C	< 0.0050	mg/L	0.0050	0.0048		X208124	HJL	02/16/22 09:28	
EPA 335.4	Cyanide (total)	< 0.0050	mg/L	0.0050	0.0038		X208150	KJR	02/22/22 19:59	
EPA 350.1	Ammonia as N	< 0.030	mg/L	0.030	0.013		X209057	KJR	02/23/22 18:16	
OIA 1677	Cyanide (WAD)	< 0.0100	mg/L	0.0100	0.0010		X208048	HJL	02/16/22 11:12	
SM 2310 B	Acidity to pH 8.3	< 10.0	mg/L as CaCO3	10.0			X209105	KAG	02/23/22 14:28	
SM 2320 B	Total Alkalinity	< 1.0	mg/L as CaCO3	1.0			X208037	MWD	02/16/22 13:00	
SM 2320 B	Bicarbonate	< 1.0	mg/L as CaCO3	1.0			X208037	MWD	02/16/22 13:00	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO3	1.0			X208037	MWD	02/16/22 13:00	
SM 2320 B	Hydroxide	< 1.0	mg/L as CaCO3	1.0			X208037	MWD	02/16/22 13:00	
SM 2540 C	Total Diss. Solids	< 10	mg/L	10			X207232	TJL	02/11/22 16:20	
SM 2540 D	Total Susp. Solids	< 5.0	mg/L	5.0			X207233	TJL	02/11/22 16:20	
SM 4500 H B	**pH @19.0°C**	5.9	pH Units				X208037	MWD	02/16/22 13:00	H5

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 2022
Work Order: **X2B0193**
Reported: 25-Feb-22 14:25

Client Sample ID: **RB-01-20220209**
SVL Sample ID: **X2B0193-02 (Ground Water)**

Sampled: 09-Feb-22 08:55
Received: 10-Feb-22
Sampled By: BOD

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Anions by Ion Chromatography										
EPA 300.0	Chloride	< 0.20	mg/L	0.20	0.14		X207195	RS	02/10/22 15:15	
EPA 300.0	Fluoride	< 0.100	mg/L	0.100	0.062		X207195	RS	02/10/22 15:15	
EPA 300.0	Nitrate as N	< 0.050	mg/L	0.050	0.043		X207195	RS	02/10/22 15:15	
EPA 300.0	Nitrate+Nitrite as N	< 0.100	mg/L	0.100	0.074		X207195	RS	02/10/22 15:15	
EPA 300.0	Nitrite as N	< 0.050	mg/L	0.050	0.031		X207195	RS	02/10/22 15:15	
EPA 300.0	Sulfate as SO4	< 0.30	mg/L	0.30	0.18		X207195	RS	02/10/22 15:15	
Cation/Anion Balance and TDS Ratios										

Cation Sum: 0.03 meq/L Anion Sum: 0.04 meq/L C/A Balance: -16.62 % Calculated TDS: 0

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Herman J. Haring
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 2022
Work Order: **X2B0193**
Reported: 25-Feb-22 14:25

Client Sample ID: **GVMW-8A**
SVL Sample ID: **X2B0193-03 (Ground Water)**

Sampled: 09-Feb-22 08:15
Received: 10-Feb-22
Sampled By: BOD

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**	48.7	mg/L	0.100	0.035		X207219	AS	02/25/22 09:37	
EPA 200.7	**Magnesium**	6.48	mg/L	0.500	0.045		X207219	AS	02/25/22 09:37	
EPA 200.7	**Potassium**	0.71	mg/L	0.50	0.09		X207219	AS	02/25/22 09:37	
SM 2340 B	**Hardness (as CaCO3)**	148	mg/L	2.31	0.271		N/A		02/25/22 09:37	
Metals (Dissolved)										
EPA 200.7	Aluminum	< 0.080	mg/L	0.080	0.054		X207213	AS	02/25/22 10:40	
EPA 200.7	Barium	< 0.0020	mg/L	0.0020	0.0019		X207213	AS	02/25/22 10:40	
EPA 200.7	Beryllium	< 0.00200	mg/L	0.00200	0.00080		X207213	AS	02/25/22 10:40	
EPA 200.7	Boron	< 0.0400	mg/L	0.0400	0.0078		X207213	AS	02/25/22 10:40	
EPA 200.7	Cadmium	< 0.0020	mg/L	0.0020	0.0016		X207213	AS	02/25/22 10:40	
EPA 200.7	Chromium	< 0.0060	mg/L	0.0060	0.0020		X207213	AS	02/25/22 11:51	
EPA 200.7	Cobalt	< 0.0060	mg/L	0.0060	0.0046		X207213	AS	02/25/22 10:40	
EPA 200.7	Copper	< 0.0100	mg/L	0.0100	0.0027		X207213	AS	02/25/22 10:40	
EPA 200.7	Iron	< 0.100	mg/L	0.100	0.056		X207213	AS	02/25/22 11:51	
EPA 200.7	Lead	< 0.0075	mg/L	0.0075	0.0049		X207213	AS	02/25/22 10:40	
EPA 200.7	Lithium	< 0.040	mg/L	0.040	0.025		X207213	AS	02/25/22 10:40	
EPA 200.7	**Manganese**	0.0265	mg/L	0.0080	0.0034		X207213	AS	02/25/22 10:40	
EPA 200.7	Molybdenum	< 0.0080	mg/L	0.0080	0.0034		X207213	AS	02/25/22 10:40	
EPA 200.7	Nickel	< 0.0100	mg/L	0.0100	0.0048		X207213	AS	02/25/22 10:40	
EPA 200.7	Silver	< 0.0050	mg/L	0.0050	0.0019		X207213	AS	02/25/22 10:40	
EPA 200.7	**Sodium**	24.0	mg/L	0.50	0.12		X207213	AS	02/25/22 10:40	
EPA 200.7	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X207213	AS	02/25/22 10:40	
EPA 200.7	Zinc	< 0.0100	mg/L	0.0100	0.0054		X207213	AS	02/25/22 10:40	
EPA 200.8	Antimony	< 0.00300	mg/L	0.00300	0.00072		X207229	KAH	02/22/22 15:57	
EPA 200.8	Arsenic	< 0.00300	mg/L	0.00300	0.00021		X207229	KAH	02/22/22 15:57	
EPA 200.8	Selenium	< 0.00300	mg/L	0.00300	0.00024		X207229	KAH	02/22/22 15:57	
EPA 200.8	Thallium	< 0.00100	mg/L	0.00100	0.00008		X207229	KAH	02/22/22 15:57	
EPA 200.8	**Uranium**	0.00434	mg/L	0.00100	0.000052		X207229	KAH	02/22/22 15:57	
Metals (Filtered)										
EPA 245.1	Mercury	< 0.000200	mg/L	0.000200	0.000093		X207254	ATM	02/16/22 13:04	
Classical Chemistry Parameters										
ASTM D7237	Cyanide (free) @ pH 6 @22.0°C	< 0.0050	mg/L	0.0050	0.0048		X208124	HJL	02/16/22 09:19	
EPA 335.4	Cyanide (total)	< 0.0050	mg/L	0.0050	0.0038		X208150	KJR	02/22/22 20:01	
EPA 350.1	Ammonia as N	< 0.030	mg/L	0.030	0.013		X209057	KJR	02/23/22 18:19	
OIA 1677	Cyanide (WAD)	< 0.0100	mg/L	0.0100	0.0010		X208048	HJL	02/16/22 11:14	
SM 2310 B	Acidity to pH 8.3	< 10.0	mg/L as CaCO3	10.0			X209105	KAG	02/23/22 14:28	
SM 2320 B	**Total Alkalinity**	46.7	mg/L as CaCO3	1.0			X208037	MWD	02/16/22 13:06	
SM 2320 B	**Bicarbonate**	46.7	mg/L as CaCO3	1.0			X208037	MWD	02/16/22 13:06	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO3	1.0			X208037	MWD	02/16/22 13:06	
SM 2320 B	Hydroxide	< 1.0	mg/L as CaCO3	1.0			X208037	MWD	02/16/22 13:06	
SM 2540 C	**Total Diss. Solids**	241	mg/L	10			X207232	TJL	02/11/22 16:20	
SM 2540 D	Total Susp. Solids	< 5.0	mg/L	5.0			X207233	TJL	02/11/22 16:20	R2B
SM 4500 H B	**pH @19.0°C**	7.1	pH Units				X208037	MWD	02/16/22 13:06	H5

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 2022
Work Order: **X2B0193**
Reported: 25-Feb-22 14:25

Client Sample ID: **GVMW-8A**
SVL Sample ID: **X2B0193-03 (Ground Water)**

Sampled: 09-Feb-22 08:15
Received: 10-Feb-22
Sampled By: BOD

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Anions by Ion Chromatography										
EPA 300.0	**Chloride**	61.9	mg/L	2.00	1.40	10	X207195	RS	02/10/22 15:46	D2
EPA 300.0	**Fluoride**	1.95	mg/L	0.100	0.062		X207195	RS	02/10/22 15:31	
EPA 300.0	**Nitrate as N**	1.07	mg/L	0.050	0.043		X207195	RS	02/10/22 15:31	
EPA 300.0	**Nitrate+Nitrite as N**	1.07	mg/L	0.100	0.074		X207195	RS	02/10/22 15:31	
EPA 300.0	Nitrite as N	< 0.050	mg/L	0.050	0.031		X207195	RS	02/10/22 15:31	
EPA 300.0	**Sulfate as SO4**	60.5	mg/L	3.00	1.80	10	X207195	RS	02/10/22 15:46	D2
Cation/Anion Balance and TDS Ratios										

Cation Sum: 4.04 meq/L Anion Sum: 4.12 meq/L C/A Balance: -0.96 % Calculated TDS: 237 TDS/cTDS: 1.02

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Herman J. Haring
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 2022
Work Order: **X2B0193**
Reported: 25-Feb-22 14:25

Client Sample ID: **GVMW-22A**
SVL Sample ID: **X2B0193-04 (Ground Water)**

Sampled: 09-Feb-22 11:15
Received: 10-Feb-22
Sampled By:

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**	32.1	mg/L	0.100	0.035		X207219	AS	02/25/22 09:41	
EPA 200.7	**Magnesium**	13.7	mg/L	0.500	0.045		X207219	AS	02/25/22 09:41	
EPA 200.7	**Potassium**	1.12	mg/L	0.50	0.09		X207219	AS	02/25/22 09:41	
SM 2340 B	**Hardness (as CaCO3)**	136	mg/L	2.31	0.271		N/A		02/25/22 09:41	
Metals (Dissolved)										
EPA 200.7	Aluminum	< 0.080	mg/L	0.080	0.054		X207213	AS	02/25/22 10:43	
EPA 200.7	**Barium**	0.126	mg/L	0.0020	0.0019		X207213	AS	02/25/22 10:43	
EPA 200.7	Beryllium	< 0.00200	mg/L	0.00200	0.00080		X207213	AS	02/25/22 10:43	
EPA 200.7	Boron	< 0.0400	mg/L	0.0400	0.0078		X207213	AS	02/25/22 10:43	
EPA 200.7	Cadmium	< 0.0020	mg/L	0.0020	0.0016		X207213	AS	02/25/22 10:43	
EPA 200.7	Chromium	< 0.0060	mg/L	0.0060	0.0020		X207213	AS	02/25/22 11:34	
EPA 200.7	Cobalt	< 0.0060	mg/L	0.0060	0.0046		X207213	AS	02/25/22 10:43	
EPA 200.7	Copper	< 0.0100	mg/L	0.0100	0.0027		X207213	AS	02/25/22 10:43	
EPA 200.7	Iron	< 0.100	mg/L	0.100	0.056		X207213	AS	02/25/22 11:34	
EPA 200.7	Lead	< 0.0075	mg/L	0.0075	0.0049		X207213	AS	02/25/22 10:43	
EPA 200.7	Lithium	< 0.040	mg/L	0.040	0.025		X207213	AS	02/25/22 10:43	
EPA 200.7	**Manganese**	0.0560	mg/L	0.0080	0.0034		X207213	AS	02/25/22 10:43	
EPA 200.7	**Molybdenum**	0.0080	mg/L	0.0080	0.0034		X207213	AS	02/25/22 10:43	
EPA 200.7	Nickel	< 0.0100	mg/L	0.0100	0.0048		X207213	AS	02/25/22 10:43	
EPA 200.7	Silver	< 0.0050	mg/L	0.0050	0.0019		X207213	AS	02/25/22 10:43	
EPA 200.7	**Sodium**	34.7	mg/L	0.50	0.12		X207213	AS	02/25/22 10:43	
EPA 200.7	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X207213	AS	02/25/22 10:43	
EPA 200.7	Zinc	< 0.0100	mg/L	0.0100	0.0054		X207213	AS	02/25/22 10:43	
EPA 200.8	Antimony	< 0.00300	mg/L	0.00300	0.00072		X207229	KAH	02/22/22 16:00	
EPA 200.8	Arsenic	< 0.00300	mg/L	0.00300	0.00021		X207229	KAH	02/22/22 16:00	
EPA 200.8	Selenium	< 0.00300	mg/L	0.00300	0.00024		X207229	KAH	02/22/22 16:00	
EPA 200.8	Thallium	< 0.00100	mg/L	0.00100	0.00008		X207229	KAH	02/22/22 16:00	
EPA 200.8	**Uranium**	0.00265	mg/L	0.00100	0.000052		X207229	KAH	02/22/22 16:00	
Metals (Filtered)										
EPA 245.1	Mercury	< 0.000200	mg/L	0.000200	0.000093		X207254	ATM	02/16/22 13:15	
Classical Chemistry Parameters										
ASTM D7237	Cyanide (free) @ pH 6 @22.0°C	< 0.0050	mg/L	0.0050	0.0048		X208124	HJL	02/16/22 09:21	
EPA 335.4	Cyanide (total)	< 0.0050	mg/L	0.0050	0.0038		X208150	KJR	02/22/22 20:04	
EPA 350.1	Ammonia as N	< 0.030	mg/L	0.030	0.013		X209057	KJR	02/23/22 18:21	
OIA 1677	Cyanide (WAD)	< 0.0100	mg/L	0.0100	0.0010		X208048	HJL	02/16/22 11:15	
SM 2310 B	Acidity to pH 8.3	< 10.0	mg/L as CaCO3	10.0			X209105	KAG	02/23/22 14:28	
SM 2320 B	**Total Alkalinity**	158	mg/L as CaCO3	1.0			X208037	MWD	02/16/22 13:13	
SM 2320 B	**Bicarbonate**	158	mg/L as CaCO3	1.0			X208037	MWD	02/16/22 13:13	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO3	1.0			X208037	MWD	02/16/22 13:13	
SM 2320 B	Hydroxide	< 1.0	mg/L as CaCO3	1.0			X208037	MWD	02/16/22 13:13	
SM 2540 C	**Total Diss. Solids**	207	mg/L	10			X207232	TJL	02/11/22 16:20	
SM 2540 D	Total Susp. Solids	< 5.0	mg/L	5.0			X207233	TJL	02/11/22 16:20	
SM 4500 H B	**pH @20.0°C**	7.9	pH Units				X208037	MWD	02/16/22 13:13	H5

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 2022
Work Order: **X2B0193**
Reported: 25-Feb-22 14:25

Client Sample ID: **GVMW-22A**
SVL Sample ID: **X2B0193-04 (Ground Water)**

Sampled: 09-Feb-22 11:15
Received: 10-Feb-22
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Anions by Ion Chromatography										
EPA 300.0	**Chloride**	4.89	mg/L	0.20	0.14		X207195	RS	02/10/22 17:03	
EPA 300.0	**Fluoride**	2.04	mg/L	0.100	0.062		X207195	RS	02/10/22 17:03	
EPA 300.0	Nitrate as N	< 0.050	mg/L	0.050	0.043		X207195	RS	02/10/22 17:03	
EPA 300.0	Nitrate+Nitrite as N	< 0.100	mg/L	0.100	0.074		X207195	RS	02/10/22 17:03	
EPA 300.0	Nitrite as N	< 0.050	mg/L	0.050	0.031		X207195	RS	02/10/22 17:03	
EPA 300.0	**Sulfate as SO4**	43.3	mg/L	0.30	0.18		X207195	RS	02/10/22 17:03	

Cation/Anion Balance and TDS Ratios

Cation Sum: 4.28 meq/L Anion Sum: 4.31 meq/L C/A Balance: -0.29 % Calculated TDS: 227 TDS/cTDS: 0.91

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Herman J. Haring
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 2022
Work Order: **X2B0193**
Reported: 25-Feb-22 14:25

Client Sample ID: **GVMW-22B**
SVL Sample ID: **X2B0193-05 (Ground Water)**

Sampled: 09-Feb-22 09:50
Received: 10-Feb-22
Sampled By:

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**	35.7	mg/L	0.100	0.035		X207219	AS	02/25/22 09:44	
EPA 200.7	**Magnesium**	11.0	mg/L	0.500	0.045		X207219	AS	02/25/22 09:44	
EPA 200.7	**Potassium**	1.62	mg/L	0.50	0.09		X207219	AS	02/25/22 09:44	
SM 2340 B	**Hardness (as CaCO3)**	134	mg/L	2.31	0.271		N/A		02/25/22 09:44	
Metals (Dissolved)										
EPA 200.7	Aluminum	< 0.080	mg/L	0.080	0.054		X207213	AS	02/25/22 11:04	
EPA 200.7	**Barium**	0.0434	mg/L	0.0020	0.0019		X207213	AS	02/25/22 11:04	
EPA 200.7	Beryllium	< 0.00200	mg/L	0.00200	0.00080		X207213	AS	02/25/22 11:04	
EPA 200.7	Boron	< 0.0400	mg/L	0.0400	0.0078		X207213	AS	02/25/22 11:04	
EPA 200.7	Cadmium	< 0.0020	mg/L	0.0020	0.0016		X207213	AS	02/25/22 11:04	
EPA 200.7	Chromium	< 0.0060	mg/L	0.0060	0.0020		X207213	AS	02/25/22 11:38	
EPA 200.7	Cobalt	< 0.0060	mg/L	0.0060	0.0046		X207213	AS	02/25/22 11:04	
EPA 200.7	Copper	< 0.0100	mg/L	0.0100	0.0027		X207213	AS	02/25/22 11:04	
EPA 200.7	Iron	< 0.100	mg/L	0.100	0.056		X207213	AS	02/25/22 11:38	
EPA 200.7	Lead	< 0.0075	mg/L	0.0075	0.0049		X207213	AS	02/25/22 11:04	
EPA 200.7	Lithium	< 0.040	mg/L	0.040	0.025		X207213	AS	02/25/22 11:04	
EPA 200.7	**Manganese**	0.0171	mg/L	0.0080	0.0034		X207213	AS	02/25/22 11:04	
EPA 200.7	Molybdenum	< 0.0080	mg/L	0.0080	0.0034		X207213	AS	02/25/22 11:04	
EPA 200.7	Nickel	< 0.0100	mg/L	0.0100	0.0048		X207213	AS	02/25/22 11:04	
EPA 200.7	Silver	< 0.0050	mg/L	0.0050	0.0019		X207213	AS	02/25/22 11:04	
EPA 200.7	**Sodium**	23.6	mg/L	0.50	0.12		X207213	AS	02/25/22 11:04	
EPA 200.7	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X207213	AS	02/25/22 11:04	
EPA 200.7	Zinc	< 0.0100	mg/L	0.0100	0.0054		X207213	AS	02/25/22 11:04	
EPA 200.8	Antimony	< 0.00300	mg/L	0.00300	0.00072		X207229	KAH	02/22/22 16:03	
EPA 200.8	Arsenic	< 0.00300	mg/L	0.00300	0.00021		X207229	KAH	02/22/22 16:03	
EPA 200.8	Selenium	< 0.00300	mg/L	0.00300	0.00024		X207229	KAH	02/22/22 16:03	
EPA 200.8	Thallium	< 0.00100	mg/L	0.00100	0.00008		X207229	KAH	02/22/22 16:03	
EPA 200.8	Uranium	< 0.00100	mg/L	0.00100	0.000052		X207229	KAH	02/22/22 16:03	
Metals (Filtered)										
EPA 245.1	Mercury	< 0.000200	mg/L	0.000200	0.000093		X207254	ATM	02/16/22 13:17	
Classical Chemistry Parameters										
ASTM D7237	Cyanide (free) @ pH 6 @22.0°C	< 0.0050	mg/L	0.0050	0.0048		X208124	HJL	02/16/22 09:22	
EPA 335.4	Cyanide (total)	< 0.0050	mg/L	0.0050	0.0038		X208150	KJR	02/22/22 20:07	
EPA 350.1	Ammonia as N	< 0.030	mg/L	0.030	0.013		X209057	KJR	02/23/22 18:24	
OIA 1677	Cyanide (WAD)	< 0.0100	mg/L	0.0100	0.0010		X208048	HJL	02/16/22 11:17	
SM 2310 B	Acidity to pH 8.3	< 10.0	mg/L as CaCO3	10.0			X209105	KAG	02/23/22 14:28	
SM 2320 B	**Total Alkalinity**	81.5	mg/L as CaCO3	1.0			X208037	MWD	02/16/22 13:21	
SM 2320 B	**Bicarbonate**	81.5	mg/L as CaCO3	1.0			X208037	MWD	02/16/22 13:21	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO3	1.0			X208037	MWD	02/16/22 13:21	
SM 2320 B	Hydroxide	< 1.0	mg/L as CaCO3	1.0			X208037	MWD	02/16/22 13:21	
SM 2540 C	**Total Diss. Solids**	243	mg/L	10			X207232	TJL	02/11/22 16:20	
SM 2540 D	Total Susp. Solids	< 5.0	mg/L	5.0			X207233	TJL	02/11/22 16:20	
SM 4500 H B	**pH @20.0°C**	7.0	pH Units				X208037	MWD	02/16/22 13:21	H5

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 2022
Work Order: **X2B0193**
Reported: 25-Feb-22 14:25

Client Sample ID: **GVMW-22B**
SVL Sample ID: **X2B0193-05 (Ground Water)**

Sampled: 09-Feb-22 09:50
Received: 10-Feb-22
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Anions by Ion Chromatography										
EPA 300.0	**Chloride**	9.45	mg/L	0.20	0.14		X207195	RS	02/10/22 17:18	
EPA 300.0	**Fluoride**	0.378	mg/L	0.100	0.062		X207195	RS	02/10/22 17:18	
EPA 300.0	**Nitrate as N**	0.551	mg/L	0.050	0.043		X207195	RS	02/10/22 17:18	
EPA 300.0	**Nitrate+Nitrite as N**	0.551	mg/L	0.100	0.074		X207195	RS	02/10/22 17:18	
EPA 300.0	Nitrite as N	< 0.050	mg/L	0.050	0.031		X207195	RS	02/10/22 17:18	
EPA 300.0	**Sulfate as SO4**	89.7	mg/L	3.00	1.80	10	X207195	RS	02/10/22 17:33	D2
Cation/Anion Balance and TDS Ratios										

Cation Sum: 3.77 meq/L Anion Sum: 3.82 meq/L C/A Balance: -0.70 % Calculated TDS: 223 TDS/cTDS: 1.09

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Herman J. Haring
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 2022
Work Order: **X2B0193**
Reported: 25-Feb-22 14:25

Client Sample ID: **RB-04-20220209**
SVL Sample ID: **X2B0193-06 (Ground Water)**

Sampled: 09-Feb-22 13:40
Received: 10-Feb-22
Sampled By:

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	< 0.100	mg/L	0.100	0.035		X207219	AS	02/25/22 09:47	
EPA 200.7	Magnesium	< 0.500	mg/L	0.500	0.045		X207219	AS	02/25/22 09:47	
EPA 200.7	Potassium	< 0.50	mg/L	0.50	0.09		X207219	AS	02/25/22 09:47	
SM 2340 B	Hardness (as CaCO3)	< 2.31	mg/L	2.31	0.271		N/A		02/25/22 09:47	
Metals (Dissolved)										
EPA 200.7	Aluminum	< 0.080	mg/L	0.080	0.054		X207213	AS	02/25/22 11:07	
EPA 200.7	Barium	< 0.0020	mg/L	0.0020	0.0019		X207213	AS	02/25/22 11:07	
EPA 200.7	Beryllium	< 0.00200	mg/L	0.00200	0.00080		X207213	AS	02/25/22 11:07	
EPA 200.7	Boron	< 0.0400	mg/L	0.0400	0.0078		X207213	AS	02/25/22 11:07	
EPA 200.7	Cadmium	< 0.0020	mg/L	0.0020	0.0016		X207213	AS	02/25/22 11:07	
EPA 200.7	Chromium	< 0.0060	mg/L	0.0060	0.0020		X207213	AS	02/25/22 10:34	
EPA 200.7	Cobalt	< 0.0060	mg/L	0.0060	0.0046		X207213	AS	02/25/22 11:07	
EPA 200.7	Copper	< 0.0100	mg/L	0.0100	0.0027		X207213	AS	02/25/22 11:07	
EPA 200.7	Iron	< 0.100	mg/L	0.100	0.056		X207213	AS	02/25/22 10:34	
EPA 200.7	Lead	< 0.0075	mg/L	0.0075	0.0049		X207213	AS	02/25/22 11:07	
EPA 200.7	Lithium	< 0.040	mg/L	0.040	0.025		X207213	AS	02/25/22 11:07	
EPA 200.7	Manganese	< 0.0080	mg/L	0.0080	0.0034		X207213	AS	02/25/22 11:07	
EPA 200.7	Molybdenum	< 0.0080	mg/L	0.0080	0.0034		X207213	AS	02/25/22 11:07	
EPA 200.7	Nickel	< 0.0100	mg/L	0.0100	0.0048		X207213	AS	02/25/22 11:07	
EPA 200.7	Silver	< 0.0050	mg/L	0.0050	0.0019		X207213	AS	02/25/22 11:07	
EPA 200.7	Sodium	< 0.50	mg/L	0.50	0.12		X207213	AS	02/25/22 11:07	
EPA 200.7	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X207213	AS	02/25/22 11:07	
EPA 200.7	Zinc	< 0.0100	mg/L	0.0100	0.0054		X207213	AS	02/25/22 11:07	
EPA 200.8	Antimony	< 0.00300	mg/L	0.00300	0.00072		X207229	KAH	02/22/22 16:06	
EPA 200.8	Arsenic	< 0.00300	mg/L	0.00300	0.00021		X207229	KAH	02/22/22 16:06	
EPA 200.8	Selenium	< 0.00300	mg/L	0.00300	0.00024		X207229	KAH	02/22/22 16:06	
EPA 200.8	Thallium	< 0.00100	mg/L	0.00100	0.00008		X207229	KAH	02/22/22 16:06	
EPA 200.8	Uranium	< 0.00100	mg/L	0.00100	0.000052		X207229	KAH	02/22/22 16:06	
Metals (Filtered)										
EPA 245.1	Mercury	< 0.000200	mg/L	0.000200	0.000093		X207254	ATM	02/16/22 13:19	
Classical Chemistry Parameters										
ASTM D7237	Cyanide (free) @ pH 6 @22.0°C	< 0.0050	mg/L	0.0050	0.0048		X208124	HJL	02/16/22 09:30	
EPA 335.4	Cyanide (total)	< 0.0050	mg/L	0.0050	0.0038		X208150	KJR	02/22/22 20:21	
EPA 350.1	Ammonia as N	< 0.030	mg/L	0.030	0.013		X209057	KJR	02/23/22 18:38	
OIA 1677	Cyanide (WAD)	< 0.0100	mg/L	0.0100	0.0010		X208048	HJL	02/16/22 11:18	
SM 2310 B	Acidity to pH 8.3	< 10.0	mg/L as CaCO3	10.0			X209105	KAG	02/23/22 14:28	
SM 2320 B	Total Alkalinity	< 1.0	mg/L as CaCO3	1.0			X208037	MWD	02/16/22 13:37	
SM 2320 B	Bicarbonate	< 1.0	mg/L as CaCO3	1.0			X208037	MWD	02/16/22 13:37	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO3	1.0			X208037	MWD	02/16/22 13:37	
SM 2320 B	Hydroxide	< 1.0	mg/L as CaCO3	1.0			X208037	MWD	02/16/22 13:37	
SM 2540 C	Total Diss. Solids	< 10	mg/L	10			X207232	TJL	02/11/22 16:20	
SM 2540 D	Total Susp. Solids	< 5.0	mg/L	5.0			X207233	TJL	02/11/22 16:20	
SM 4500 H B	**pH @19.0°C**	6.0	pH Units				X208037	MWD	02/16/22 13:37	H5

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 2022
Work Order: **X2B0193**
Reported: 25-Feb-22 14:25

Client Sample ID: **RB-04-20220209**
SVL Sample ID: **X2B0193-06 (Ground Water)**

Sampled: 09-Feb-22 13:40
Received: 10-Feb-22
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Anions by Ion Chromatography										
EPA 300.0	Chloride	< 0.20	mg/L	0.20	0.14		X207195	RS	02/10/22 22:25	
EPA 300.0	Fluoride	< 0.100	mg/L	0.100	0.062		X207195	RS	02/10/22 22:25	
EPA 300.0	Nitrate as N	< 0.050	mg/L	0.050	0.043		X207195	RS	02/10/22 22:25	
EPA 300.0	Nitrate+Nitrite as N	< 0.100	mg/L	0.100	0.074		X207195	RS	02/10/22 22:25	
EPA 300.0	Nitrite as N	< 0.050	mg/L	0.050	0.031		X207195	RS	02/10/22 22:25	
EPA 300.0	Sulfate as SO4	< 0.30	mg/L	0.30	0.18		X207195	RS	02/10/22 22:25	

Cation/Anion Balance and TDS Ratios

Cation Sum: 0.03 meq/L Anion Sum: 0.04 meq/L C/A Balance: -16.62 % Calculated TDS: 0

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Herman J. Haring
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 2022
Work Order: **X2B0193**
Reported: 25-Feb-22 14:25

Client Sample ID: **RB-03-20220209**
SVL Sample ID: **X2B0193-07 (Ground Water)**

Sampled: 09-Feb-22 12:00
Received: 10-Feb-22
Sampled By:

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	< 0.100	mg/L	0.100	0.035		X207219	AS	02/25/22 09:58	
EPA 200.7	Magnesium	< 0.500	mg/L	0.500	0.045		X207219	AS	02/25/22 09:58	
EPA 200.7	Potassium	< 0.50	mg/L	0.50	0.09		X207219	AS	02/25/22 09:58	
SM 2340 B	Hardness (as CaCO3)	< 2.31	mg/L	2.31	0.271		N/A		02/25/22 09:58	
Metals (Dissolved)										
EPA 200.7	Aluminum	< 0.080	mg/L	0.080	0.054		X207213	AS	02/25/22 11:10	
EPA 200.7	Barium	< 0.0020	mg/L	0.0020	0.0019		X207213	AS	02/25/22 11:10	
EPA 200.7	Beryllium	< 0.00200	mg/L	0.00200	0.00080		X207213	AS	02/25/22 11:10	
EPA 200.7	Boron	< 0.0400	mg/L	0.0400	0.0078		X207213	AS	02/25/22 11:10	
EPA 200.7	Cadmium	< 0.0020	mg/L	0.0020	0.0016		X207213	AS	02/25/22 11:10	
EPA 200.7	Chromium	< 0.0060	mg/L	0.0060	0.0020		X207213	AS	02/25/22 10:38	
EPA 200.7	Cobalt	< 0.0060	mg/L	0.0060	0.0046		X207213	AS	02/25/22 11:10	
EPA 200.7	Copper	< 0.0100	mg/L	0.0100	0.0027		X207213	AS	02/25/22 11:10	
EPA 200.7	Iron	< 0.100	mg/L	0.100	0.056		X207213	AS	02/25/22 10:38	
EPA 200.7	Lead	< 0.0075	mg/L	0.0075	0.0049		X207213	AS	02/25/22 11:10	
EPA 200.7	Lithium	< 0.040	mg/L	0.040	0.025		X207213	AS	02/25/22 11:10	
EPA 200.7	Manganese	< 0.0080	mg/L	0.0080	0.0034		X207213	AS	02/25/22 11:10	
EPA 200.7	Molybdenum	< 0.0080	mg/L	0.0080	0.0034		X207213	AS	02/25/22 11:10	
EPA 200.7	Nickel	< 0.0100	mg/L	0.0100	0.0048		X207213	AS	02/25/22 11:10	
EPA 200.7	Silver	< 0.0050	mg/L	0.0050	0.0019		X207213	AS	02/25/22 11:10	
EPA 200.7	Sodium	< 0.50	mg/L	0.50	0.12		X207213	AS	02/25/22 11:10	
EPA 200.7	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X207213	AS	02/25/22 11:10	
EPA 200.7	Zinc	< 0.0100	mg/L	0.0100	0.0054		X207213	AS	02/25/22 11:10	
EPA 200.8	Antimony	< 0.00300	mg/L	0.00300	0.00072		X207229	KAH	02/22/22 16:08	
EPA 200.8	Arsenic	< 0.00300	mg/L	0.00300	0.00021		X207229	KAH	02/22/22 16:08	
EPA 200.8	Selenium	< 0.00300	mg/L	0.00300	0.00024		X207229	KAH	02/22/22 16:08	
EPA 200.8	Thallium	< 0.00100	mg/L	0.00100	0.00008		X207229	KAH	02/22/22 16:08	
EPA 200.8	Uranium	< 0.00100	mg/L	0.00100	0.000052		X207229	KAH	02/22/22 16:08	
Metals (Filtered)										
EPA 245.1	Mercury	< 0.000200	mg/L	0.000200	0.000093		X207254	ATM	02/16/22 13:21	
Classical Chemistry Parameters										
ASTM D7237	Cyanide (free) @ pH 6 @22.0°C	< 0.0050	mg/L	0.0050	0.0048		X208124	HJL	02/16/22 09:31	
EPA 335.4	Cyanide (total)	< 0.0050	mg/L	0.0050	0.0038		X208150	KJR	02/22/22 20:23	
EPA 350.1	Ammonia as N	< 0.030	mg/L	0.030	0.013		X209057	KJR	02/23/22 18:40	
OIA 1677	Cyanide (WAD)	< 0.0100	mg/L	0.0100	0.0010		X208048	HJL	02/16/22 11:24	
SM 2310 B	Acidity to pH 8.3	< 10.0	mg/L as CaCO3	10.0			X209105	KAG	02/23/22 14:28	
SM 2320 B	**Total Alkalinity**	1.8	mg/L as CaCO3	1.0			X208037	MWD	02/16/22 13:43	
SM 2320 B	**Bicarbonate**	1.8	mg/L as CaCO3	1.0			X208037	MWD	02/16/22 13:43	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO3	1.0			X208037	MWD	02/16/22 13:43	
SM 2320 B	Hydroxide	< 1.0	mg/L as CaCO3	1.0			X208037	MWD	02/16/22 13:43	
SM 2540 C	Total Diss. Solids	< 10	mg/L	10			X207232	TJL	02/11/22 16:20	
SM 2540 D	Total Susp. Solids	< 5.0	mg/L	5.0			X207233	TJL	02/11/22 16:20	
SM 4500 H B	**pH @19.0°C**	6.7	pH Units				X208037	MWD	02/16/22 13:43	H5

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 2022
Work Order: **X2B0193**
Reported: 25-Feb-22 14:25

Client Sample ID: **RB-03-20220209**
SVL Sample ID: **X2B0193-07 (Ground Water)**

Sampled: 09-Feb-22 12:00
Received: 10-Feb-22
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Anions by Ion Chromatography										
EPA 300.0	Chloride	< 0.20	mg/L	0.20	0.14		X207195	RS	02/10/22 17:49	
EPA 300.0	Fluoride	< 0.100	mg/L	0.100	0.062		X207195	RS	02/10/22 17:49	
EPA 300.0	Nitrate as N	< 0.050	mg/L	0.050	0.043		X207195	RS	02/10/22 17:49	
EPA 300.0	Nitrate+Nitrite as N	< 0.100	mg/L	0.100	0.074		X207195	RS	02/10/22 17:49	
EPA 300.0	Nitrite as N	< 0.050	mg/L	0.050	0.031		X207195	RS	02/10/22 17:49	
EPA 300.0	Sulfate as SO4	< 0.30	mg/L	0.30	0.18		X207195	RS	02/10/22 17:49	
Cation/Anion Balance and TDS Ratios										

Cation Sum: 0.03 meq/L Anion Sum: 0.05 meq/L C/A Balance: -33.61 % Calculated TDS: 1 TDS/cTDS: 0.00

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Herman J. Haring
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 2022
Work Order: **X2B0193**
Reported: 25-Feb-22 14:25

Client Sample ID: **GVMW-25**
SVL Sample ID: **X2B0193-08 (Ground Water)**

Sampled: 09-Feb-22 13:25
Received: 10-Feb-22
Sampled By:

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**	280	mg/L	0.100	0.035		X207219	AS	02/25/22 10:01	
EPA 200.7	**Magnesium**	70.1	mg/L	0.500	0.045		X207219	AS	02/25/22 10:01	
EPA 200.7	**Potassium**	4.15	mg/L	0.50	0.09		X207219	AS	02/25/22 10:01	
SM 2340 B	**Hardness (as CaCO3)**	989	mg/L	2.31	0.271		N/A		02/25/22 10:01	
Metals (Dissolved)										
EPA 200.7	**Aluminum**	4.85	mg/L	0.080	0.054		X207213	AS	02/25/22 11:14	
EPA 200.7	**Barium**	0.0139	mg/L	0.0020	0.0019		X207213	AS	02/25/22 11:14	
EPA 200.7	**Beryllium**	0.0129	mg/L	0.00200	0.00080		X207213	AS	02/25/22 11:14	
EPA 200.7	Boron	< 0.0400	mg/L	0.0400	0.0078		X207213	AS	02/25/22 11:14	
EPA 200.7	**Cadmium**	0.0270	mg/L	0.0020	0.0016		X207213	AS	02/25/22 11:14	
EPA 200.7	Chromium	< 0.0060	mg/L	0.0060	0.0020		X207213	AS	02/25/22 10:41	
EPA 200.7	**Cobalt**	0.0082	mg/L	0.0060	0.0046		X207213	AS	02/25/22 11:14	
EPA 200.7	Copper	< 0.0100	mg/L	0.0100	0.0027		X207213	AS	02/25/22 11:14	
EPA 200.7	Iron	< 0.100	mg/L	0.100	0.056		X207213	AS	02/25/22 10:41	
EPA 200.7	Lead	< 0.0075	mg/L	0.0075	0.0049		X207213	AS	02/25/22 11:14	
EPA 200.7	Lithium	< 0.040	mg/L	0.040	0.025		X207213	AS	02/25/22 11:14	
EPA 200.7	**Manganese**	4.17	mg/L	0.0080	0.0034		X207213	AS	02/25/22 11:14	
EPA 200.7	Molybdenum	< 0.0080	mg/L	0.0080	0.0034		X207213	AS	02/25/22 11:14	
EPA 200.7	**Nickel**	0.0816	mg/L	0.0100	0.0048		X207213	AS	02/25/22 11:14	
EPA 200.7	Silver	< 0.0050	mg/L	0.0050	0.0019		X207213	AS	02/25/22 11:14	
EPA 200.7	**Sodium**	29.3	mg/L	0.50	0.12		X207213	AS	02/25/22 11:14	
EPA 200.7	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X207213	AS	02/25/22 11:14	
EPA 200.7	**Zinc**	0.858	mg/L	0.0100	0.0054		X207213	AS	02/25/22 11:14	
EPA 200.8	Antimony	< 0.00300	mg/L	0.00300	0.00072		X207229	KAH	02/22/22 16:11	
EPA 200.8	Arsenic	< 0.00300	mg/L	0.00300	0.00021		X207229	KAH	02/22/22 16:11	
EPA 200.8	**Selenium**	0.00712	mg/L	0.00300	0.00024		X207229	KAH	02/22/22 16:11	
EPA 200.8	Thallium	< 0.00100	mg/L	0.00100	0.00008		X207229	KAH	02/22/22 16:11	
EPA 200.8	**Uranium**	0.00688	mg/L	0.00100	0.000052		X207229	KAH	02/22/22 16:11	
Metals (Filtered)										
EPA 245.1	Mercury	< 0.000200	mg/L	0.000200	0.000093		X207254	ATM	02/16/22 13:23	
Classical Chemistry Parameters										
ASTM D7237	Cyanide (free) @ pH 6 @22.0°C	< 0.0050	mg/L	0.0050	0.0048		X208124	HJL	02/16/22 09:33	
EPA 335.4	Cyanide (total)	< 0.0050	mg/L	0.0050	0.0038		X208150	KJR	02/22/22 20:26	
EPA 350.1	Ammonia as N	< 0.030	mg/L	0.030	0.013		X209057	KJR	02/23/22 18:43	
OIA 1677	Cyanide (WAD)	< 0.0100	mg/L	0.0100	0.0010		X208048	HJL	02/16/22 11:26	
SM 2310 B	Acidity to pH 8.3	< 10.0	mg/L as CaCO3	10.0			X209105	KAG	02/23/22 14:28	
SM 2320 B	**Total Alkalinity**	3.3	mg/L as CaCO3	1.0			X208037	MWD	02/16/22 13:50	
SM 2320 B	**Bicarbonate**	3.3	mg/L as CaCO3	1.0			X208037	MWD	02/16/22 13:50	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO3	1.0			X208037	MWD	02/16/22 13:50	
SM 2320 B	Hydroxide	< 1.0	mg/L as CaCO3	1.0			X208037	MWD	02/16/22 13:50	
SM 2540 C	**Total Diss. Solids**	1430	mg/L	10			X207232	TJL	02/11/22 16:20	
SM 2540 D	**Total Susp. Solids**	6.0	mg/L	5.0			X207233	TJL	02/11/22 16:20	
SM 4500 H B	**pH @19.0°C**	5.3	pH Units				X208037	MWD	02/16/22 13:50	H5

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 2022
Work Order: **X2B0193**
Reported: 25-Feb-22 14:25

Client Sample ID: **GVMW-25**
SVL Sample ID: **X2B0193-08 (Ground Water)**

Sampled: 09-Feb-22 13:25
Received: 10-Feb-22
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Anions by Ion Chromatography										
EPA 300.0	**Chloride**	15.9	mg/L	2.00	1.40	10	X207195	RS	02/10/22 18:20	D2
EPA 300.0	**Fluoride**	2.58	mg/L	0.100	0.062		X207195	RS	02/10/22 18:04	
EPA 300.0	**Nitrate as N**	1.91	mg/L	0.050	0.043		X207195	RS	02/10/22 18:04	
EPA 300.0	**Nitrate+Nitrite as N**	1.91	mg/L	0.100	0.074		X207195	RS	02/10/22 18:04	
EPA 300.0	Nitrite as N	< 0.050	mg/L	0.050	0.031		X207195	RS	02/10/22 18:04	
EPA 300.0	**Sulfate as SO4**	1020	mg/L	15.0	9.00	50	X207195	RS	02/11/22 11:33	D2
Cation/Anion Balance and TDS Ratios										

Cation Sum: 21.8 meq/L Anion Sum: 22.0 meq/L C/A Balance: -0.40 % Calculated TDS: 1432 TDS/cTDS: 1.00

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Herman J. Haring
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 2022
Work Order: **X2B0193**
Reported: 25-Feb-22 14:25

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	0.035	0.100	X207219	25-Feb-22	
EPA 200.7	Magnesium	mg/L	<0.500	0.045	0.500	X207219	25-Feb-22	
EPA 200.7	Potassium	mg/L	<0.50	0.09	0.50	X207219	25-Feb-22	
Metals (Dissolved)								
EPA 200.7	Aluminum	mg/L	<0.080	0.054	0.080	X207213	25-Feb-22	
EPA 200.7	Barium	mg/L	<0.0020	0.0019	0.0020	X207213	25-Feb-22	
EPA 200.7	Beryllium	mg/L	<0.00200	0.00080	0.00200	X207213	25-Feb-22	
EPA 200.7	Boron	mg/L	<0.0400	0.0078	0.0400	X207213	25-Feb-22	
EPA 200.7	Cadmium	mg/L	<0.0020	0.0016	0.0020	X207213	25-Feb-22	
EPA 200.7	Chromium	mg/L	<0.0060	0.0020	0.0060	X207213	25-Feb-22	
EPA 200.7	Cobalt	mg/L	<0.0060	0.0046	0.0060	X207213	25-Feb-22	
EPA 200.7	Copper	mg/L	<0.0100	0.0027	0.0100	X207213	25-Feb-22	
EPA 200.7	Iron	mg/L	<0.100	0.056	0.100	X207213	25-Feb-22	
EPA 200.7	Lead	mg/L	<0.0075	0.0049	0.0075	X207213	25-Feb-22	
EPA 200.7	Lithium	mg/L	<0.040	0.025	0.040	X207213	25-Feb-22	
EPA 200.7	Manganese	mg/L	<0.0080	0.0034	0.0080	X207213	25-Feb-22	
EPA 200.7	Molybdenum	mg/L	<0.0080	0.0034	0.0080	X207213	25-Feb-22	
EPA 200.7	Nickel	mg/L	<0.0100	0.0048	0.0100	X207213	25-Feb-22	
EPA 200.7	Silver	mg/L	<0.0050	0.0019	0.0050	X207213	25-Feb-22	
EPA 200.7	Sodium	mg/L	<0.50	0.12	0.50	X207213	25-Feb-22	
EPA 200.7	Vanadium	mg/L	<0.0050	0.0019	0.0050	X207213	25-Feb-22	
EPA 200.7	Zinc	mg/L	<0.0100	0.0054	0.0100	X207213	25-Feb-22	
EPA 200.8	Antimony	mg/L	<0.00300	0.00072	0.00300	X207229	22-Feb-22	
EPA 200.8	Arsenic	mg/L	<0.00300	0.00021	0.00300	X207229	22-Feb-22	
EPA 200.8	Selenium	mg/L	<0.00300	0.00024	0.00300	X207229	22-Feb-22	
EPA 200.8	Thallium	mg/L	<0.00100	0.00008	0.00100	X207229	22-Feb-22	
EPA 200.8	Uranium	mg/L	<0.00100	0.000052	0.00100	X207229	22-Feb-22	
Metals (Filtered)								
EPA 245.1	Mercury	mg/L	<0.000200	0.000093	0.000200	X207254	16-Feb-22	
Classical Chemistry Parameters								
ASTM D7237	Cyanide (free) @ pH 6	mg/L	<0.0050	0.0048	0.0050	X208124	16-Feb-22	
EPA 335.4	Cyanide (total)	mg/L	<0.0050	0.0038	0.0050	X208150	22-Feb-22	
EPA 350.1	Ammonia as N	mg/L	<0.030	0.013	0.030	X209057	23-Feb-22	
OIA 1677	Cyanide (WAD)	mg/L	<0.0100	0.0010	0.0100	X208048	16-Feb-22	
SM 2310 B	Acidity to pH 8.3	mg/L as CaCO3	<10.0		10.0	X209105	23-Feb-22	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	<1.0		1.0	X208037	16-Feb-22	
SM 2320 B	Bicarbonate	mg/L as CaCO3	<1.0		1.0	X208037	16-Feb-22	
SM 2320 B	Carbonate	mg/L as CaCO3	<1.0		1.0	X208037	16-Feb-22	
SM 2320 B	Hydroxide	mg/L as CaCO3	<1.0		1.0	X208037	16-Feb-22	
SM 2540 C	Total Diss. Solids	mg/L	<10		10	X207232	11-Feb-22	
SM 2540 D	Total Susp. Solids	mg/L	<5.0		5.0	X207233	11-Feb-22	
Anions by Ion Chromatography								
EPA 300.0	Chloride	mg/L	<0.20	0.14	0.20	X207195	10-Feb-22	
EPA 300.0	Fluoride	mg/L	<0.100	0.062	0.100	X207195	10-Feb-22	
EPA 300.0	Nitrate as N	mg/L	<0.050	0.043	0.050	X207195	10-Feb-22	
EPA 300.0	Nitrate+Nitrite as N	mg/L	<0.100	0.074	0.100	X207195	10-Feb-22	
EPA 300.0	Nitrite as N	mg/L	<0.050	0.031	0.050	X207195	10-Feb-22	
EPA 300.0	Sulfate as SO4	mg/L	<0.30	0.18	0.30	X207195	10-Feb-22	

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 2022
Work Order: **X2B0193**
Reported: 25-Feb-22 14:25

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	19.9	20.0	99.4	85 - 115	X207219	25-Feb-22	
EPA 200.7	Magnesium	mg/L	20.4	20.0	102	85 - 115	X207219	25-Feb-22	
EPA 200.7	Potassium	mg/L	20.0	20.0	100	85 - 115	X207219	25-Feb-22	
Metals (Dissolved)									
EPA 200.7	Aluminum	mg/L	1.01	1.00	101	85 - 115	X207213	25-Feb-22	
EPA 200.7	Barium	mg/L	0.949	1.00	94.9	85 - 115	X207213	25-Feb-22	
EPA 200.7	Beryllium	mg/L	0.952	1.00	95.2	85 - 115	X207213	25-Feb-22	
EPA 200.7	Boron	mg/L	0.969	1.00	96.9	85 - 115	X207213	25-Feb-22	
EPA 200.7	Cadmium	mg/L	1.00	1.00	100	85 - 115	X207213	25-Feb-22	
EPA 200.7	Chromium	mg/L	1.05	1.00	105	85 - 115	X207213	25-Feb-22	
EPA 200.7	Cobalt	mg/L	0.990	1.00	99.0	85 - 115	X207213	25-Feb-22	
EPA 200.7	Copper	mg/L	0.961	1.00	96.1	85 - 115	X207213	25-Feb-22	
EPA 200.7	Iron	mg/L	10.0	10.0	100	85 - 115	X207213	25-Feb-22	
EPA 200.7	Lead	mg/L	0.947	1.00	94.7	85 - 115	X207213	25-Feb-22	
EPA 200.7	Lithium	mg/L	0.945	1.00	94.5	85 - 115	X207213	25-Feb-22	
EPA 200.7	Manganese	mg/L	0.893	1.00	89.3	85 - 115	X207213	25-Feb-22	
EPA 200.7	Molybdenum	mg/L	0.991	1.00	99.1	85 - 115	X207213	25-Feb-22	
EPA 200.7	Nickel	mg/L	0.956	1.00	95.6	85 - 115	X207213	25-Feb-22	
EPA 200.7	Silver	mg/L	0.0484	0.0500	96.9	85 - 115	X207213	25-Feb-22	
EPA 200.7	Sodium	mg/L	18.4	19.0	96.6	85 - 115	X207213	25-Feb-22	
EPA 200.7	Vanadium	mg/L	0.948	1.00	94.8	85 - 115	X207213	25-Feb-22	
EPA 200.7	Zinc	mg/L	0.960	1.00	96.0	85 - 115	X207213	25-Feb-22	
EPA 200.8	Antimony	mg/L	0.0254	0.0250	101	85 - 115	X207229	22-Feb-22	
EPA 200.8	Arsenic	mg/L	0.0267	0.0250	107	85 - 115	X207229	22-Feb-22	
EPA 200.8	Selenium	mg/L	0.0264	0.0250	106	85 - 115	X207229	22-Feb-22	
EPA 200.8	Thallium	mg/L	0.0261	0.0250	104	85 - 115	X207229	22-Feb-22	
EPA 200.8	Uranium	mg/L	0.0253	0.0250	101	85 - 115	X207229	22-Feb-22	
Metals (Filtered)									
EPA 245.1	Mercury	mg/L	0.00533	0.00500	107	85 - 115	X207254	16-Feb-22	
Classical Chemistry Parameters									
ASTM D7237	Cyanide (free) @ pH 6	mg/L	0.0990	0.100	99.0	90 - 110	X208124	16-Feb-22	
EPA 335.4	Cyanide (total)	mg/L	0.0980	0.100	98.0	90 - 110	X208150	22-Feb-22	
EPA 350.1	Ammonia as N	mg/L	1.04	1.00	104	90 - 110	X209057	23-Feb-22	
OIA 1677	Cyanide (WAD)	mg/L	0.101	0.100	101	82 - 118	X208048	16-Feb-22	
SM 2310 B	Acidity to pH 8.3	mg/L as CaCO3	1040	1080	96.3	95.4 - 104	X209105	23-Feb-22	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	9.90	9.93	99.7	96.4 - 105	X208037	16-Feb-22	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	100	99.3	101	96.4 - 105	X208037	16-Feb-22	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	401	397	101	96.4 - 105	X208037	16-Feb-22	
SM 2320 B	Bicarbonate	mg/L as CaCO3	9.90	9.93	99.7	95.1 - 106	X208037	16-Feb-22	
SM 2320 B	Bicarbonate	mg/L as CaCO3	100	99.3	101	95.1 - 106	X208037	16-Feb-22	
SM 2320 B	Bicarbonate	mg/L as CaCO3	385	397	97.1	95.1 - 106	X208037	16-Feb-22	
SM 2540 D	Total Susp. Solids	mg/L	10.0	10.0	100	85 - 115	X207233	11-Feb-22	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	2.98	3.00	99.2	90 - 110	X207195	10-Feb-22	
EPA 300.0	Fluoride	mg/L	1.98	2.00	99.2	90 - 110	X207195	10-Feb-22	
EPA 300.0	Nitrate as N	mg/L	1.98	2.00	99.0	90 - 110	X207195	10-Feb-22	
EPA 300.0	Nitrate+Nitrite as N	mg/L	4.65	4.50	103	90 - 110	X207195	10-Feb-22	
EPA 300.0	Nitrite as N	mg/L	2.67	2.50	107	90 - 110	X207195	10-Feb-22	
EPA 300.0	Sulfate as SO4	mg/L	9.85	10.0	98.5	90 - 110	X207195	10-Feb-22	

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 2022
Work Order: **X2B0193**
Reported: 25-Feb-22 14:25

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	X209105 - X2B0193-01	23-Feb-22	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	<1.0	<1.0	<RL	20	X208037 - X2B0193-01	16-Feb-22	
SM 2320 B	Bicarbonate	mg/L as CaCO3	<1.0	<1.0	<RL	20	X208037 - X2B0193-01	16-Feb-22	
SM 2320 B	Carbonate	mg/L as CaCO3	<1.0	<1.0	UDL	20	X208037 - X2B0193-01	16-Feb-22	
SM 2320 B	Hydroxide	mg/L as CaCO3	<1.0	<1.0	UDL	20	X208037 - X2B0193-01	16-Feb-22	
SM 2540 C	Total Diss. Solids	mg/L	249	241	3.3	10	X207232 - X2B0193-03	11-Feb-22	
SM 2540 C	Total Diss. Solids	mg/L	251	243	3.2	10	X207232 - X2B0187-02	11-Feb-22	
SM 2540 D	Total Susp. Solids	mg/L	<5.0	<5.0	<RL	10	X207233 - X2B0187-02	11-Feb-22	
SM 2540 D	Total Susp. Solids	mg/L	<5.0	<5.0	<RL	10	X207233 - X2B0193-03	11-Feb-22	R2B
SM 4500 H B	pH @19.0°C	pH Units	5.9	5.8	0.7	20	X208037 - X2B0193-01	16-Feb-22	

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	20.5	<0.100	20.0	102	70 - 130	X207219 - X2B0193-01	25-Feb-22	
EPA 200.7	Magnesium	mg/L	21.1	<0.500	20.0	106	70 - 130	X207219 - X2B0193-01	25-Feb-22	
EPA 200.7	Potassium	mg/L	20.5	<0.50	20.0	102	70 - 130	X207219 - X2B0193-01	25-Feb-22	
Metals (Dissolved)										
EPA 200.7	Aluminum	mg/L	1.07	<0.080	1.00	107	70 - 130	X207213 - X2B0193-01	25-Feb-22	
EPA 200.7	Aluminum	mg/L	1.08	<0.080	1.00	108	70 - 130	X207213 - X2B0211-03	25-Feb-22	
EPA 200.7	Barium	mg/L	1.03	<0.0020	1.00	103	70 - 130	X207213 - X2B0193-01	25-Feb-22	
EPA 200.7	Barium	mg/L	1.08	0.0534	1.00	102	70 - 130	X207213 - X2B0211-03	25-Feb-22	
EPA 200.7	Beryllium	mg/L	1.02	<0.00200	1.00	102	70 - 130	X207213 - X2B0193-01	25-Feb-22	
EPA 200.7	Beryllium	mg/L	1.02	<0.00200	1.00	102	70 - 130	X207213 - X2B0211-03	25-Feb-22	
EPA 200.7	Boron	mg/L	1.03	<0.0400	1.00	103	70 - 130	X207213 - X2B0193-01	25-Feb-22	
EPA 200.7	Boron	mg/L	1.05	<0.0400	1.00	104	70 - 130	X207213 - X2B0211-03	25-Feb-22	
EPA 200.7	Cadmium	mg/L	1.08	<0.0020	1.00	108	70 - 130	X207213 - X2B0193-01	25-Feb-22	
EPA 200.7	Cadmium	mg/L	1.08	<0.0020	1.00	108	70 - 130	X207213 - X2B0211-03	25-Feb-22	
EPA 200.7	Chromium	mg/L	1.04	<0.0060	1.00	104	70 - 130	X207213 - X2B0211-03	25-Feb-22	
EPA 200.7	Chromium	mg/L	1.06	<0.0060	1.00	106	70 - 130	X207213 - X2B0193-01	25-Feb-22	
EPA 200.7	Cobalt	mg/L	1.08	<0.0060	1.00	108	70 - 130	X207213 - X2B0193-01	25-Feb-22	
EPA 200.7	Cobalt	mg/L	1.05	<0.0060	1.00	105	70 - 130	X207213 - X2B0211-03	25-Feb-22	
EPA 200.7	Copper	mg/L	1.04	<0.0100	1.00	104	70 - 130	X207213 - X2B0193-01	25-Feb-22	
EPA 200.7	Copper	mg/L	1.06	0.0185	1.00	104	70 - 130	X207213 - X2B0211-03	25-Feb-22	
EPA 200.7	Iron	mg/L	10.3	<0.100	10.0	103	70 - 130	X207213 - X2B0211-03	25-Feb-22	
EPA 200.7	Iron	mg/L	10.5	<0.100	10.0	105	70 - 130	X207213 - X2B0193-01	25-Feb-22	
EPA 200.7	Lead	mg/L	1.02	<0.0075	1.00	102	70 - 130	X207213 - X2B0193-01	25-Feb-22	
EPA 200.7	Lead	mg/L	0.993	<0.0075	1.00	99.3	70 - 130	X207213 - X2B0211-03	25-Feb-22	
EPA 200.7	Lithium	mg/L	1.01	<0.040	1.00	101	70 - 130	X207213 - X2B0193-01	25-Feb-22	
EPA 200.7	Lithium	mg/L	1.04	<0.040	1.00	104	70 - 130	X207213 - X2B0211-03	25-Feb-22	
EPA 200.7	Manganese	mg/L	0.986	<0.0080	1.00	98.6	70 - 130	X207213 - X2B0193-01	25-Feb-22	
EPA 200.7	Manganese	mg/L	0.964	<0.0080	1.00	96.4	70 - 130	X207213 - X2B0211-03	25-Feb-22	
EPA 200.7	Molybdenum	mg/L	1.09	<0.0080	1.00	109	70 - 130	X207213 - X2B0193-01	25-Feb-22	
EPA 200.7	Molybdenum	mg/L	1.17	0.0911	1.00	108	70 - 130	X207213 - X2B0211-03	25-Feb-22	
EPA 200.7	Nickel	mg/L	1.04	<0.0100	1.00	104	70 - 130	X207213 - X2B0193-01	25-Feb-22	
EPA 200.7	Nickel	mg/L	1.01	<0.0100	1.00	101	70 - 130	X207213 - X2B0211-03	25-Feb-22	
EPA 200.7	Silver	mg/L	0.0521	<0.0050	0.0500	104	70 - 130	X207213 - X2B0193-01	25-Feb-22	
EPA 200.7	Silver	mg/L	0.0523	<0.0050	0.0500	105	70 - 130	X207213 - X2B0211-03	25-Feb-22	
EPA 200.7	Sodium	mg/L	19.6	<0.50	19.0	103	70 - 130	X207213 - X2B0193-01	25-Feb-22	
EPA 200.7	Sodium	mg/L	50.6	30.9	19.0	104	70 - 130	X207213 - X2B0211-03	25-Feb-22	
EPA 200.7	Vanadium	mg/L	1.03	<0.0050	1.00	103	70 - 130	X207213 - X2B0193-01	25-Feb-22	

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 2022
Work Order: **X2B0193**
Reported: 25-Feb-22 14:25

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	Vanadium	mg/L	1.03	<0.0050	1.00	103	70 - 130	X207213 - X2B0211-03	25-Feb-22	
EPA 200.7	Zinc	mg/L	1.05	<0.0100	1.00	105	70 - 130	X207213 - X2B0193-01	25-Feb-22	
EPA 200.7	Zinc	mg/L	1.02	<0.0100	1.00	102	70 - 130	X207213 - X2B0211-03	25-Feb-22	
EPA 200.8	Antimony	mg/L	0.0682	0.0353	0.0250	132	70 - 130	X207229 - X2B0153-02	22-Feb-22	M1
EPA 200.8	Antimony	mg/L	0.0265	<0.00300	0.0250	106	70 - 130	X207229 - X2B0193-01	22-Feb-22	
EPA 200.8	Arsenic	mg/L	0.0329	0.00421	0.0250	115	70 - 130	X207229 - X2B0153-02	22-Feb-22	
EPA 200.8	Arsenic	mg/L	0.0264	<0.00300	0.0250	105	70 - 130	X207229 - X2B0193-01	22-Feb-22	
EPA 200.8	Selenium	mg/L	0.117	0.0852	0.0250	127	70 - 130	X207229 - X2B0153-02	22-Feb-22	
EPA 200.8	Selenium	mg/L	0.0254	<0.00300	0.0250	101	70 - 130	X207229 - X2B0193-01	22-Feb-22	
EPA 200.8	Thallium	mg/L	0.0252	<0.00100	0.0250	101	70 - 130	X207229 - X2B0153-02	22-Feb-22	
EPA 200.8	Thallium	mg/L	0.0278	<0.00100	0.0250	111	70 - 130	X207229 - X2B0193-01	22-Feb-22	
EPA 200.8	Uranium	mg/L	0.0760	0.0530	0.0250	92.2	70 - 130	X207229 - X2B0153-02	22-Feb-22	
EPA 200.8	Uranium	mg/L	0.0263	<0.00100	0.0250	105	70 - 130	X207229 - X2B0193-01	22-Feb-22	
Metals (Filtered)										
EPA 245.1	Mercury	mg/L	0.00104	<0.000200	0.00100	104	70 - 130	X207254 - X2B0193-03	16-Feb-22	
Classical Chemistry Parameters										
ASTM D7237	Cyanide (free) @ pH 6	mg/L	0.104	<0.0050	0.100	104	79 - 121	X208124 - X2B0193-01	16-Feb-22	
EPA 335.4	Cyanide (total)	mg/L	0.0977	<0.0050	0.100	97.7	90 - 110	X208150 - X2B0193-01	22-Feb-22	
EPA 335.4	Cyanide (total)	mg/L	0.0975	<0.0050	0.100	97.5	90 - 110	X208150 - X2B0315-01	22-Feb-22	
EPA 350.1	Ammonia as N	mg/L	1.06	<0.030	1.00	106	90 - 110	X209057 - X2B0187-01	23-Feb-22	
EPA 350.1	Ammonia as N	mg/L	1.04	<0.030	1.00	104	90 - 110	X209057 - X2B0193-01	23-Feb-22	
OIA 1677	Cyanide (WAD)	mg/L	0.107	<0.0100	0.100	107	82 - 118	X208048 - X2B0193-01	16-Feb-22	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	2.98	<0.20	3.00	99.3	90 - 110	X207195 - X2B0193-01	10-Feb-22	
EPA 300.0	Chloride	mg/L	7.79	4.85	3.00	98.0	90 - 110	X207195 - X2B0194-06	10-Feb-22	
EPA 300.0	Fluoride	mg/L	1.98	<0.100	2.00	98.9	90 - 110	X207195 - X2B0193-01	10-Feb-22	
EPA 300.0	Fluoride	mg/L	2.16	0.192	2.00	98.2	90 - 110	X207195 - X2B0194-06	10-Feb-22	
EPA 300.0	Nitrate as N	mg/L	1.98	<0.050	2.00	99.1	90 - 110	X207195 - X2B0193-01	10-Feb-22	
EPA 300.0	Nitrate as N	mg/L	2.12	0.169	2.00	97.6	90 - 110	X207195 - X2B0194-06	10-Feb-22	
EPA 300.0	Nitrate+Nitrite as N	mg/L	4.11	<0.100	4.00	103	90 - 110	X207195 - X2B0193-01	10-Feb-22	
EPA 300.0	Nitrate+Nitrite as N	mg/L	4.20	0.169	4.00	101	90 - 110	X207195 - X2B0194-06	10-Feb-22	
EPA 300.0	Nitrite as N	mg/L	2.13	<0.050	2.00	106	90 - 110	X207195 - X2B0193-01	10-Feb-22	
EPA 300.0	Nitrite as N	mg/L	2.08	<0.050	2.00	104	90 - 110	X207195 - X2B0194-06	10-Feb-22	
EPA 300.0	Sulfate as SO4	mg/L	10.1	<0.30	10.0	101	90 - 110	X207195 - X2B0193-01	10-Feb-22	
EPA 300.0	Sulfate as SO4	mg/L	17.0	7.09	10.0	99.4	90 - 110	X207195 - X2B0194-06	10-Feb-22	

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	20.4	20.5	20.0	0.5	20	102	X207219 - X2B0193-01	
EPA 200.7	Magnesium	mg/L	21.2	21.1	20.0	0.4	20	106	X207219 - X2B0193-01	
EPA 200.7	Potassium	mg/L	20.4	20.5	20.0	0.4	20	102	X207219 - X2B0193-01	
Metals (Dissolved)										
EPA 200.7	Aluminum	mg/L	1.04	1.07	1.00	2.2	20	104	X207213 - X2B0193-01	
EPA 200.7	Barium	mg/L	0.971	1.03	1.00	6.1	20	97.1	X207213 - X2B0193-01	
EPA 200.7	Beryllium	mg/L	0.979	1.02	1.00	4.4	20	97.9	X207213 - X2B0193-01	
EPA 200.7	Boron	mg/L	0.967	1.03	1.00	6.2	20	96.7	X207213 - X2B0193-01	

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 2022
Work Order: **X2B0193**
Reported: 25-Feb-22 14:25

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	Cadmium	mg/L	1.02	1.08	1.00	5.8	20	102	X207213 - X2B0193-01	
EPA 200.7	Chromium	mg/L	1.00	1.06	1.00	5.9	20	100	X207213 - X2B0193-01	
EPA 200.7	Cobalt	mg/L	1.02	1.08	1.00	5.5	20	102	X207213 - X2B0193-01	
EPA 200.7	Copper	mg/L	0.986	1.04	1.00	4.9	20	98.6	X207213 - X2B0193-01	
EPA 200.7	Iron	mg/L	10.1	10.5	10.0	3.5	20	101	X207213 - X2B0193-01	
EPA 200.7	Lead	mg/L	0.968	1.02	1.00	5.4	20	96.8	X207213 - X2B0193-01	
EPA 200.7	Lithium	mg/L	0.959	1.01	1.00	5.2	20	95.9	X207213 - X2B0193-01	
EPA 200.7	Manganese	mg/L	0.940	0.986	1.00	4.7	20	94.0	X207213 - X2B0193-01	
EPA 200.7	Molybdenum	mg/L	1.02	1.09	1.00	6.0	20	102	X207213 - X2B0193-01	
EPA 200.7	Nickel	mg/L	0.985	1.04	1.00	5.3	20	98.5	X207213 - X2B0193-01	
EPA 200.7	Silver	mg/L	0.0489	0.0521	0.0500	6.3	20	97.8	X207213 - X2B0193-01	
EPA 200.7	Sodium	mg/L	19.0	19.6	19.0	2.9	20	100	X207213 - X2B0193-01	
EPA 200.7	Vanadium	mg/L	0.977	1.03	1.00	5.0	20	97.7	X207213 - X2B0193-01	
EPA 200.7	Zinc	mg/L	0.993	1.05	1.00	5.5	20	99.3	X207213 - X2B0193-01	
EPA 200.8	Antimony	mg/L	0.0681	0.0682	0.0250	0.1	20	131	X207229 - X2B0153-02	M1
EPA 200.8	Arsenic	mg/L	0.0319	0.0329	0.0250	3.1	20	111	X207229 - X2B0153-02	
EPA 200.8	Selenium	mg/L	0.111	0.117	0.0250	5.1	20	104	X207229 - X2B0153-02	
EPA 200.8	Thallium	mg/L	0.0252	0.0252	0.0250	0.1	20	101	X207229 - X2B0153-02	
EPA 200.8	Uranium	mg/L	0.0785	0.0760	0.0250	3.2	20	102	X207229 - X2B0153-02	
Metals (Filtered)										
EPA 245.1	Mercury	mg/L	0.000976	0.00104	0.00100	6.1	20	97.6	X207254 - X2B0193-03	
Classical Chemistry Parameters										
ASTM D7237	Cyanide (free) @ pH 6	mg/L	0.107	0.104	0.100	2.8	11	107	X208124 - X2B0193-01	
EPA 335.4	Cyanide (total)	mg/L	0.0970	0.0977	0.100	0.7	20	97.0	X208150 - X2B0193-01	
EPA 350.1	Ammonia as N	mg/L	1.05	1.06	1.00	0.1	20	105	X209057 - X2B0187-01	
OIA 1677	Cyanide (WAD)	mg/L	0.110	0.107	0.100	2.8	11	110	X208048 - X2B0193-01	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	2.98	2.98	3.00	0.2	20	99.2	X207195 - X2B0193-01	
EPA 300.0	Fluoride	mg/L	1.97	1.98	2.00	0.3	20	98.7	X207195 - X2B0193-01	
EPA 300.0	Nitrate as N	mg/L	1.96	1.98	2.00	0.9	20	98.2	X207195 - X2B0193-01	
EPA 300.0	Nitrate+Nitrite as N	mg/L	4.09	4.11	4.00	0.4	20	102	X207195 - X2B0193-01	
EPA 300.0	Nitrite as N	mg/L	2.13	2.13	2.00	0.1	20	107	X207195 - X2B0193-01	
EPA 300.0	Sulfate as SO4	mg/L	10.0	10.1	10.0	0.5	20	100	X207195 - X2B0193-01	

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 2022**
Post Office Box 191	Work Order: **X2B0193**
Victor, CO 80860	Reported: 25-Feb-22 14:25

Notes and Definitions

D2	Sample required dilution due to high concentration of target analyte.
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.
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