STATE OF COLORADO

Eschberger - DNR, Amy <amy.eschberger@state.co.us>

Cripple Creek & Victor - Water Quality results per request received 9-30-2022

Ronald Parratt <Ronald.Parratt@newmont.com> Mon, Oct 24, 2022 at 2:02 PM
To: Amy Eschberger - DNR <amy.eschberger@state.co.us>
Cc: Katie Blake <Katie.Blake@newmont.com>

Good afternoon Ms. Eschberger,

Please see the attached water quality results requested by the Division for samples collected at monitoring well location GVMW-25, down gradient surface water monitoring location GV-06, and the identified ECOSA seeps. Should you have any additional questions please reach out via email at ronald.parratt@newmont.com or via phone at 719-851-4019 or at katie.blake@newmont.com or 719-851-4048.

Best Regards,

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

2 attachments

X2J0044 FINAL NMC CCV-SVL 12 Oct 22 1452.csv
47K

X2J0044 FINAL 12 Oct 22 1452.pdf
252K

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: **X2J0044**
Victor, CO 80860	Reported: 12-Oct-22 14:52

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received	Notes
GV-06	X2J0044-01	Ground Water	04-Oct-22 09:50	BOD	05-Oct-2022	
GVMW-25	X2J0044-02	Ground Water	04-Oct-22 10:35	BOD	05-Oct-2022	
ECOSA SEEP-1	X2J0044-03	Ground Water	04-Oct-22 11:30	BOD	05-Oct-2022	
ECOSA SEEP-2	X2J0044-04	Ground Water	04-Oct-22 11:50	BOD	05-Oct-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: X2J0044

The state of origin only accredits for drinking water analyses.

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

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Project Name: Cripple Creek/Victor Water and Soil 2022
Work Order: **X2J0044**
Reported: 12-Oct-22 14:52

Client Sample ID: **GV-06**
SVL Sample ID: **X2J0044-01 (Ground Water)**

Sampled: 04-Oct-22 09:50
Received: 05-Oct-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**	35.3	mg/L	0.100	0.035		X241183	SMU	10/07/22 12:55	
EPA 200.7	**Magnesium**	8.88	mg/L	0.500	0.045		X241183	SMU	10/07/22 12:55	
EPA 200.7	**Potassium**	1.86	mg/L	0.50	0.09		X241183	SMU	10/07/22 12:55	
SM 2340 B	**Hardness (as CaCO3)**	126	mg/L	2.31	0.457		N/A		10/07/22 12:55	
Metals (Dissolved)										
EPA 200.7	Aluminum	< 0.080	mg/L	0.080	0.054		X242005	JRR	10/10/22 10:27	
EPA 200.7	**Barium**	0.108	mg/L	0.0020	0.0019		X242005	JRR	10/10/22 10:27	
EPA 200.7	Beryllium	< 0.00200	mg/L	0.00200	0.00080		X242005	JRR	10/10/22 10:27	
EPA 200.7	Boron	< 0.0400	mg/L	0.0400	0.0078		X242005	JRR	10/10/22 10:27	
EPA 200.7	Cadmium	< 0.0020	mg/L	0.0020	0.0016		X242005	JRR	10/10/22 10:27	
EPA 200.7	**Calcium**	36.3	mg/L	0.100	0.069		X242005	JRR	10/10/22 10:27	
EPA 200.7	Chromium	< 0.0060	mg/L	0.0060	0.0020		X242005	JRR	10/10/22 10:27	
EPA 200.7	Cobalt	< 0.0060	mg/L	0.0060	0.0046		X242005	JRR	10/10/22 10:27	
EPA 200.7	Copper	< 0.0100	mg/L	0.0100	0.0027		X242005	JRR	10/10/22 10:27	
EPA 200.7	**Iron**	0.141	mg/L	0.100	0.056		X242005	JRR	10/10/22 10:27	
EPA 200.7	Lead	< 0.0075	mg/L	0.0075	0.0049		X242005	JRR	10/10/22 10:27	
EPA 200.7	Lithium	< 0.040	mg/L	0.040	0.025		X242005	JRR	10/10/22 10:27	
EPA 200.7	**Magnesium**	9.17	mg/L	0.500	0.090		X242005	JRR	10/10/22 10:27	
EPA 200.7	**Manganese**	0.370	mg/L	0.0080	0.0034		X242005	JRR	10/10/22 10:27	
EPA 200.7	Molybdenum	< 0.0080	mg/L	0.0080	0.0034		X242005	JRR	10/10/22 10:27	
EPA 200.7	Nickel	< 0.0100	mg/L	0.0100	0.0048		X242005	JRR	10/10/22 10:27	
EPA 200.7	**Potassium**	1.46	mg/L	0.50	0.18		X242005	JRR	10/10/22 10:27	
EPA 200.7	Silver	< 0.0050	mg/L	0.0050	0.0019		X242005	JRR	10/10/22 10:27	
EPA 200.7	**Sodium**	12.1	mg/L	0.50	0.12		X242005	JRR	10/10/22 10:27	
EPA 200.7	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X242005	JRR	10/10/22 10:27	
EPA 200.7	Zinc	< 0.0100	mg/L	0.0100	0.0054		X242005	JRR	10/10/22 10:27	
EPA 200.8	Antimony	< 0.00100	mg/L	0.00100	0.00072		X242021	AS	10/10/22 12:05	
EPA 200.8	Arsenic	< 0.00100	mg/L	0.00100	0.00021		X242021	AS	10/10/22 12:05	
EPA 200.8	Selenium	< 0.00100	mg/L	0.00100	0.00024		X242021	AS	10/10/22 12:05	
EPA 200.8	Thallium	< 0.00100	mg/L	0.00100	0.00008		X242021	AS	10/10/22 12:05	
EPA 200.8	**Uranium**	0.000886	mg/L	0.000100	0.000052		X242021	AS	10/10/22 12:05	
Metals (Filtered)										
EPA 245.1	Mercury	< 0.000200	mg/L	0.000200	0.000093		X242009	JRR	10/12/22 09:02	
Classical Chemistry Parameters										
ASTM D7237	Cyanide (free) @ pH 6 @20.0°C	< 0.0050	mg/L	0.0050	0.0048		X242042	HJL	10/11/22 08:58	
EPA 335.4	Cyanide (total)	< 0.0050	mg/L	0.0050	0.0038		X242057	KJR	10/10/22 18:54	
EPA 350.1	Ammonia as N	< 0.030	mg/L	0.030	0.013		X242046	KJR	10/10/22 13:28	
OIA 1677	Cyanide (WAD)	< 0.0050	mg/L	0.0050	0.0010		X242041	HJL	10/10/22 16:36	
SM 2310 B	Acidity to pH 8.3	< 10.0	mg/L as CaCO3	10.0			X242073	MWD	10/11/22 13:15	
SM 2320 B	**Total Alkalinity**	99.5	mg/L as CaCO3	1.0			X241192	MWD	10/06/22 20:00	
SM 2320 B	**Bicarbonate**	99.5	mg/L as CaCO3	1.0			X241192	MWD	10/06/22 20:00	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO3	1.0			X241192	MWD	10/06/22 20:00	
SM 2320 B	Hydroxide	< 1.0	mg/L as CaCO3	1.0			X241192	MWD	10/06/22 20:00	
SM 2540 C	**Total Diss. Solids**	189	mg/L	10			X241175	TJL	10/06/22 16:15	
SM 2540 D	**Total Susp. Solids**	15.0	mg/L	5.0			X241176	TJL	10/06/22 16:15	
SM 4500 H B	**pH @22.1°C**	7.3	pH Units				X241192	MWD	10/06/22 20:00	H5

SVL holds the following certifications:
AZ:0538, **ID**:ID00019 & ID00965 (Microbiology), **NV**:ID000192007A, **SC**:58004001, **UT**(**TNI**):ID000192015-1, **WA**:C573

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Project Name: Cripple Creek/Victor Water and Soil 2022
Work Order: **X2J0044**
Reported: 12-Oct-22 14:52

Client Sample ID: **GV-06**
SVL Sample ID: **X2J0044-01 (Ground Water)**

Sampled: 04-Oct-22 09:50
Received: 05-Oct-22
Sampled By: BOD

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Anions by Ion Chromatography										
EPA 300.0	**Chloride**	8.90	mg/L	2.00	0.22	10	X241158	RS	10/05/22 16:12	D2
EPA 300.0	**Fluoride**	0.510	mg/L	0.100	0.017		X241158	RS	10/05/22 15:55	
EPA 300.0	**Nitrate as N**	0.101	mg/L	0.050	0.013		X241158	RS	10/05/22 15:55	
EPA 300.0	**Nitrate+Nitrite as N**	0.106	mg/L	0.100	0.044		X241158	RS	10/05/22 15:55	
EPA 300.0	Nitrite as N	< 0.050	mg/L	0.050	0.031		X241158	RS	10/05/22 15:55	
EPA 300.0	**Sulfate as SO4**	48.7	mg/L	3.00	1.80	10	X241158	RS	10/05/22 16:12	D2
Cation/Anion Balance and TDS Ratios										
Cation Sum: 3.09 meq/L		Anion Sum: 3.29 meq/L		C/A Balance: -3.15 %			Calculated TDS: 177		TDS/cTDS: 1.07	

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

Herman J. Haring
Project Manager

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Project Name: Cripple Creek/Victor Water and Soil 2022
Work Order: **X2J0044**
Reported: 12-Oct-22 14:52

Client Sample ID: **GVMW-25**
SVL Sample ID: **X2J0044-02 (Ground Water)**

Sampled: 04-Oct-22 10:35
Received: 05-Oct-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**	653	mg/L	0.500	0.345	10	X241183	SMU	10/07/22 14:31	D2
EPA 200.7	**Magnesium**	225	mg/L	0.500	0.045		X241183	SMU	10/07/22 13:26	
EPA 200.7	**Potassium**	7.52	mg/L	0.50	0.09		X241183	SMU	10/07/22 13:26	
SM 2340 B	**Hardness (as CaCO3)**	2640	mg/L	2.31	0.358		N/A		10/10/22 10:39	
Metals (Dissolved)										
EPA 200.7	**Aluminum**	213	mg/L	0.080	0.054		X242005	JRR	10/10/22 10:39	
EPA 200.7	**Barium**	0.0154	mg/L	0.0020	0.0019		X242005	JRR	10/10/22 10:39	
EPA 200.7	**Beryllium**	0.205	mg/L	0.00200	0.00080		X242005	JRR	10/10/22 10:39	
EPA 200.7	Boron	< 0.0400	mg/L	0.0400	0.0078		X242005	JRR	10/10/22 10:39	
EPA 200.7	**Cadmium**	0.565	mg/L	0.0020	0.0016		X242005	JRR	10/10/22 10:39	
EPA 200.7	**Calcium**	684	mg/L	0.100	0.069		X242005	JRR	10/10/22 10:39	
EPA 200.7	**Chromium**	0.0202	mg/L	0.0060	0.0020		X242005	JRR	10/10/22 10:39	
EPA 200.7	**Cobalt**	0.484	mg/L	0.0060	0.0046		X242005	JRR	10/10/22 10:39	
EPA 200.7	**Copper**	0.382	mg/L	0.0100	0.0027		X242005	JRR	10/10/22 10:39	
EPA 200.7	Iron	< 0.100	mg/L	0.100	0.056		X242005	JRR	10/10/22 10:39	
EPA 200.7	**Lead**	0.0120	mg/L	0.0075	0.0049		X242005	JRR	10/10/22 10:39	
EPA 200.7	**Lithium**	0.099	mg/L	0.040	0.025		X242005	JRR	10/10/22 10:39	
EPA 200.7	**Magnesium**	238	mg/L	0.500	0.090		X242005	JRR	10/10/22 10:39	
EPA 200.7	**Manganese**	73.3	mg/L	0.0080	0.0034		X242005	JRR	10/10/22 10:39	
EPA 200.7	Molybdenum	< 0.0080	mg/L	0.0080	0.0034		X242005	JRR	10/10/22 10:39	
EPA 200.7	**Nickel**	0.949	mg/L	0.0100	0.0048		X242005	JRR	10/10/22 10:39	
EPA 200.7	**Potassium**	7.37	mg/L	0.50	0.18		X242005	JRR	10/10/22 10:39	
EPA 200.7	Silver	< 0.0050	mg/L	0.0050	0.0019		X242005	JRR	10/10/22 10:39	
EPA 200.7	**Sodium**	42.8	mg/L	0.50	0.12		X242005	JRR	10/10/22 10:39	
EPA 200.7	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X242005	JRR	10/10/22 10:39	
EPA 200.7	**Zinc**	21.5	mg/L	0.0100	0.0054		X242005	JRR	10/10/22 10:39	
EPA 200.8	Antimony	< 0.0500	mg/L	0.0500	0.0360	50	X242021	AS	10/10/22 12:02	D1
EPA 200.8	Arsenic	< 0.0500	mg/L	0.0500	0.0105	50	X242021	AS	10/10/22 12:02	D1
EPA 200.8	**Selenium**	0.166	mg/L	0.0500	0.0120	50	X242021	AS	10/10/22 12:02	D1
EPA 200.8	Thallium	< 0.0100	mg/L	0.0100	0.00400	50	X242021	AS	10/10/22 12:02	D1
EPA 200.8	**Uranium**	0.545	mg/L	0.00500	0.00260	50	X242021	AS	10/10/22 12:02	D1
Metals (Filtered)										
EPA 245.1	Mercury	< 0.000200	mg/L	0.000200	0.000093		X242009	JRR	10/12/22 09:04	
Classical Chemistry Parameters										
ASTM D7237	Cyanide (free) @ pH 6 @20.0°C	< 0.0050	mg/L	0.0050	0.0048		X242042	HJL	10/11/22 08:59	
EPA 335.4	Cyanide (total)	< 0.0050	mg/L	0.0050	0.0038		X242057	KJR	10/10/22 18:57	
EPA 350.1	Ammonia as N	< 0.030	mg/L	0.030	0.013		X242046	KJR	10/10/22 13:30	
OIA 1677	Cyanide (WAD)	< 0.0050	mg/L	0.0050	0.0010		X242041	HJL	10/10/22 16:32	
SM 2310 B	**Acidity to pH 8.3**	1340	mg/L as CaCO3	10.0			X242073	MWD	10/11/22 13:15	
SM 2320 B	Total Alkalinity	< 1.0	mg/L as CaCO3	1.0			X241192	MWD	10/06/22 20:08	
SM 2320 B	Bicarbonate	< 1.0	mg/L as CaCO3	1.0			X241192	MWD	10/06/22 20:08	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO3	1.0			X241192	MWD	10/06/22 20:08	
SM 2320 B	Hydroxide	< 1.0	mg/L as CaCO3	1.0			X241192	MWD	10/06/22 20:08	
SM 2540 C	**Total Diss. Solids**	5550	mg/L	40			X241175	TJL	10/06/22 16:15	D2
SM 2540 D	**Total Susp. Solids**	56.0	mg/L	5.0			X241176	TJL	10/06/22 16:15	
SM 4500 H B	**pH @22.2°C**	3.9	pH Units				X241192	MWD	10/06/22 20:08	H5

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Project Name: Cripple Creek/Victor Water and Soil 2022
Work Order: **X2J0044**
Reported: 12-Oct-22 14:52

Client Sample ID: **GVMW-25**
SVL Sample ID: **X2J0044-02 (Ground Water)**

Sampled: 04-Oct-22 10:35
Received: 05-Oct-22
Sampled By: BOD

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Anions by Ion Chromatography										
EPA 300.0	**Chloride**	32.2	mg/L	10.0	1.10	50	X241158	RS	10/05/22 18:24	D2
EPA 300.0	**Fluoride**	46.5	mg/L	5.00	0.850	50	X241158	RS	10/05/22 18:24	D2
EPA 300.0	**Nitrate as N**	2.02	mg/L	0.050	0.013		X241158	RS	10/05/22 18:08	
EPA 300.0	**Nitrate+Nitrite as N**	2.02	mg/L	0.100	0.044		X241158	RS	10/05/22 18:08	
EPA 300.0	Nitrite as N	< 0.050	mg/L	0.050	0.031		X241158	RS	10/05/22 18:08	
EPA 300.0	**Sulfate as SO4**	4140	mg/L	30.0	18.0	100	X241158	RS	10/06/22 19:58	D2
Cation/Anion Balance and TDS Ratios										

Cation Sum: 80.2 meq/L Anion Sum: 89.7 meq/L C/A Balance: -5.60 % Calculated TDS: 5178 TDS/cTDS: 1.07

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

Herman J. Haring
Project Manager

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Project Name: Cripple Creek/Victor Water and Soil 2022
Work Order: **X2J0044**
Reported: 12-Oct-22 14:52

Client Sample ID: **ECOSA SEEP-1**
SVL Sample ID: **X2J0044-03 (Ground Water)**

Sampled: 04-Oct-22 11:30
Received: 05-Oct-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**	391	mg/L	0.500	0.345	10	X241183	SMU	10/07/22 13:30	D1
EPA 200.7	**Magnesium**	870	mg/L	2.50	0.450	10	X241183	SMU	10/07/22 13:30	D2
EPA 200.7	Potassium	< 2.50	mg/L	2.50	0.90	10	X241183	SMU	10/07/22 13:30	D1
SM 2340 B	**Hardness (as CaCO3)**	4740	mg/L	115	27.1		N/A		10/07/22 13:30	
Metals (Dissolved)										
EPA 200.7	**Aluminum**	3180	mg/L	4.00	2.70	50	X242005	JRR	10/10/22 10:46	D2
EPA 200.7	Barium	< 0.100	mg/L	0.100	0.0950	50	X242005	JRR	10/10/22 10:46	D1
EPA 200.7	**Beryllium**	0.466	mg/L	0.100	0.0400	50	X242005	JRR	10/10/22 10:46	D1
EPA 200.7	Boron	< 2.00	mg/L	2.00	0.390	50	X242005	JRR	10/10/22 10:46	D1
EPA 200.7	**Cadmium**	10.8	mg/L	0.100	0.0800	50	X242005	JRR	10/10/22 10:46	D1
EPA 200.7	**Calcium**	409	mg/L	5.00	3.45	50	X242005	JRR	10/10/22 10:46	D1
EPA 200.7	**Chromium**	0.655	mg/L	0.300	0.100	50	X242005	JRR	10/10/22 10:46	D1
EPA 200.7	**Cobalt**	10.6	mg/L	0.300	0.230	50	X242005	JRR	10/10/22 10:46	D1
EPA 200.7	**Copper**	16.7	mg/L	0.500	0.135	50	X242005	JRR	10/10/22 10:46	D1
EPA 200.7	**Iron**	741	mg/L	5.00	2.80	50	X242005	JRR	10/10/22 10:46	D1
EPA 200.7	Lead	< 0.375	mg/L	0.375	0.245	50	X242005	JRR	10/10/22 10:46	D1
EPA 200.7	Lithium	< 2.00	mg/L	2.00	1.25	50	X242005	JRR	10/10/22 10:46	D1
EPA 200.7	**Magnesium**	903	mg/L	25.0	4.50	50	X242005	JRR	10/10/22 10:46	D1
EPA 200.7	**Manganese**	1000	mg/L	0.400	0.170	50	X242005	JRR	10/10/22 10:46	D2
EPA 200.7	Molybdenum	< 0.400	mg/L	0.400	0.170	50	X242005	JRR	10/10/22 10:46	D1
EPA 200.7	**Nickel**	7.81	mg/L	0.500	0.240	50	X242005	JRR	10/10/22 10:46	D1
EPA 200.7	Potassium	< 25.0	mg/L	25.0	9.00	50	X242005	JRR	10/10/22 10:46	D1
EPA 200.7	Silver	< 0.250	mg/L	0.250	0.0950	50	X242005	JRR	10/10/22 10:46	D1
EPA 200.7	**Sodium**	68.8	mg/L	25.0	6.00	50	X242005	JRR	10/10/22 10:46	D1
EPA 200.7	Vanadium	< 0.250	mg/L	0.250	0.0950	50	X242005	JRR	10/10/22 10:46	D1
EPA 200.7	**Zinc**	170	mg/L	0.500	0.270	50	X242005	JRR	10/10/22 10:46	D2
EPA 200.8	Antimony	< 0.100	mg/L	0.100	0.0720	100	X242021	AS	10/10/22 11:59	D1
EPA 200.8	**Arsenic**	0.302	mg/L	0.100	0.0210	100	X242021	AS	10/10/22 11:59	D1
EPA 200.8	**Selenium**	0.878	mg/L	0.100	0.0240	100	X242021	AS	10/10/22 11:59	D1
EPA 200.8	Thallium	< 0.0200	mg/L	0.0200	0.00800	100	X242021	AS	10/10/22 11:59	D1
EPA 200.8	**Uranium**	12.6	mg/L	0.0100	0.00520	100	X242021	AS	10/10/22 11:59	D2
Metals (Filtered)										
EPA 245.1	Mercury	< 0.000200	mg/L	0.000200	0.000093		X242009	JRR	10/12/22 10:21	
Classical Chemistry Parameters										
ASTM D7237	Cyanide (free) @ pH 6 @20.0°C	< 0.0050	mg/L	0.0050	0.0048		X242042	HJL	10/11/22 09:05	Q12
EPA 335.4	**Cyanide (total)**	0.0142	mg/L	0.0100	0.0076	2	X242057	KJR	10/10/22 18:59	D1
EPA 350.1	**Ammonia as N**	0.411	mg/L	0.150	0.064	5	X242046	KJR	10/10/22 13:33	D1
OIA 1677	Cyanide (WAD)	< 0.0050	mg/L	0.0050	0.0010		X242041	HJL	10/10/22 16:33	Q12
SM 2310 B	**Acidity to pH 8.3**	20700	mg/L as CaCO3	10.0			X242073	MWD	10/11/22 13:15	
SM 2320 B	Total Alkalinity	< 1.0	mg/L as CaCO3	1.0			X241192	MWD	10/06/22 20:17	
SM 2320 B	Bicarbonate	< 1.0	mg/L as CaCO3	1.0			X241192	MWD	10/06/22 20:17	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO3	1.0			X241192	MWD	10/06/22 20:17	
SM 2320 B	Hydroxide	< 1.0	mg/L as CaCO3	1.0			X241192	MWD	10/06/22 20:17	
SM 2540 C	**Total Diss. Solids**	37900	mg/L	100			X241175	TJL	10/06/22 16:15	D2,E11
SM 2540 D	**Total Susp. Solids**	196	mg/L	5.0			X241176	TJL	10/06/22 16:15	
SM 4500 H B	**pH @22.2°C**	2.7	pH Units				X241192	MWD	10/06/22 20:17	H5

SVL holds the following certifications:
AZ:0538, **ID**:ID00019 & ID00965 (Microbiology), **NV**:ID000192007A, **SC**:58004001, **UT**(**TNI**):ID000192015-1, **WA**:C573

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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: **X2J0044**
Reported: 12-Oct-22 14:52

Client Sample ID: **ECOSA SEEP-1**
SVL Sample ID: **X2J0044-03 (Ground Water)**

Sampled: 04-Oct-22 11:30
Received: 05-Oct-22
Sampled By: BOD

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Anions by Ion Chromatography										
EPA 300.0	Chloride	< 20.0	mg/L	20.0	2.20	100	X241158	RS	10/05/22 18:41	D1
EPA 300.0	**Fluoride**	130	mg/L	10.0	1.70	100	X241158	RS	10/05/22 18:41	D2
EPA 300.0	**Nitrate as N**	14.7	mg/L	5.00	1.30	100	X241158	RS	10/05/22 18:41	D2
EPA 300.0	**Nitrate+Nitrite as N**	14.7	mg/L	10.0	4.40	100	X241158	RS	10/05/22 18:41	D2
EPA 300.0	Nitrite as N	< 5.00	mg/L	5.00	3.10	100	X241158	RS	10/05/22 18:41	D1
EPA 300.0	**Sulfate as SO4**	28500	mg/L	750	450	2500	X241158	RS	10/05/22 18:58	D2

Cation/Anion Balance and TDS Ratios

Cation Sum: 517 meq/L Anion Sum: 601 meq/L C/A Balance: -7.57 % Calculated TDS: 30050 TDS/cTDS: 1.26

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

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Project Name: Cripple Creek/Victor Water and Soil 2022
Work Order: **X2J0044**
Reported: 12-Oct-22 14:52

Client Sample ID: **ECOSA SEEP-2**
SVL Sample ID: **X2J0044-04 (Ground Water)**

Sampled: 04-Oct-22 11:50
Received: 05-Oct-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**	470	mg/L	2.50	1.73	50	X241183	SMU	10/07/22 13:34	D1
EPA 200.7	**Magnesium**	1330	mg/L	12.5	2.25	50	X241183	SMU	10/07/22 13:34	D2
EPA 200.7	Potassium	< 12.5	mg/L	12.5	4.50	50	X241183	SMU	10/07/22 13:34	D1
SM 2340 B	**Hardness (as CaCO3)**	6450	mg/L	212	41.4		N/A		10/07/22 13:34	
Metals (Dissolved)										
EPA 200.7	**Aluminum**	9060	mg/L	8.00	5.40	100	X242005	JRR	10/10/22 10:50	D2
EPA 200.7	Barium	< 0.200	mg/L	0.200	0.190	100	X242005	JRR	10/10/22 10:50	D1
EPA 200.7	**Beryllium**	0.746	mg/L	0.200	0.0800	100	X242005	JRR	10/10/22 10:50	D1
EPA 200.7	Boron	< 4.00	mg/L	4.00	0.780	100	X242005	JRR	10/10/22 10:50	D1
EPA 200.7	**Cadmium**	45.8	mg/L	0.200	0.160	100	X242005	JRR	10/10/22 10:50	D1
EPA 200.7	**Calcium**	449	mg/L	10.0	6.90	100	X242005	JRR	10/10/22 10:50	D1
EPA 200.7	**Chromium**	2.59	mg/L	0.600	0.200	100	X242005	JRR	10/10/22 10:50	D1
EPA 200.7	**Cobalt**	26.6	mg/L	0.600	0.460	100	X242005	JRR	10/10/22 10:50	D1
EPA 200.7	**Copper**	98.1	mg/L	1.00	0.270	100	X242005	JRR	10/10/22 10:50	D2
EPA 200.7	**Iron**	6720	mg/L	10.0	5.60	100	X242005	JRR	10/10/22 10:50	D2
EPA 200.7	Lead	< 0.750	mg/L	0.750	0.490	100	X242005	JRR	10/10/22 10:50	D1
EPA 200.7	Lithium	< 4.00	mg/L	4.00	2.50	100	X242005	JRR	10/10/22 10:50	D1
EPA 200.7	**Magnesium**	1280	mg/L	50.0	9.00	100	X242005	JRR	10/10/22 10:50	D2
EPA 200.7	**Manganese**	3770	mg/L	0.800	0.340	100	X242005	JRR	10/10/22 10:50	D2
EPA 200.7	Molybdenum	< 0.800	mg/L	0.800	0.340	100	X242005	JRR	10/10/22 10:50	D1
EPA 200.7	**Nickel**	16.0	mg/L	1.00	0.480	100	X242005	JRR	10/10/22 10:50	D1
EPA 200.7	Potassium	< 50.0	mg/L	50.0	18.0	100	X242005	JRR	10/10/22 10:50	D1
EPA 200.7	Silver	< 0.500	mg/L	0.500	0.190	100	X242005	JRR	10/10/22 10:50	D1
EPA 200.7	Sodium	< 50.0	mg/L	50.0	12.0	100	X242005	JRR	10/10/22 10:50	D1
EPA 200.7	**Vanadium**	0.625	mg/L	0.500	0.190	100	X242005	JRR	10/10/22 10:50	D1
EPA 200.7	**Zinc**	1770	mg/L	1.00	0.540	100	X242005	JRR	10/10/22 10:50	D2
EPA 200.8	Antimony	< 1.00	mg/L	1.00	0.720	1000	X242021	AS	10/10/22 11:56	D1
EPA 200.8	**Arsenic**	11.2	mg/L	1.00	0.210	1000	X242021	AS	10/10/22 11:56	D1
EPA 200.8	**Selenium**	2.63	mg/L	1.00	0.240	1000	X242021	AS	10/10/22 11:56	D1
EPA 200.8	Thallium	< 0.200	mg/L	0.200	0.0800	1000	X242021	AS	10/10/22 11:56	D1
EPA 200.8	**Uranium**	71.2	mg/L	0.100	0.0520	1000	X242021	AS	10/10/22 11:56	D2
Metals (Filtered)										
EPA 245.1	**Mercury**	0.000216	mg/L	0.000200	0.000093		X242009	JRR	10/12/22 09:10	
Classical Chemistry Parameters										
ASTM D7237	Cyanide (free) @ pH 6 @20.0°C	< 0.0050	mg/L	0.0050	0.0048		X242042	HJL	10/11/22 09:07	Q12
EPA 335.4	**Cyanide (total)**	0.0138	mg/L	0.0050	0.0038		X242057	KJR	10/10/22 19:02	
EPA 350.1	Ammonia as N	< 0.300	mg/L	0.300	0.127	10	X242046	KJR	10/10/22 13:36	D1
OIA 1677	Cyanide (WAD)	< 0.0050	mg/L	0.0050	0.0010		X242041	HJL	10/10/22 16:35	Q12
SM 2310 B	**Acidity to pH 8.3**	64000	mg/L as CaCO3	10.0			X242073	MWD	10/11/22 13:15	
SM 2320 B	Total Alkalinity	< 1.0	mg/L as CaCO3	1.0			X241192	MWD	10/06/22 20:25	
SM 2320 B	Bicarbonate	< 1.0	mg/L as CaCO3	1.0			X241192	MWD	10/06/22 20:25	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO3	1.0			X241192	MWD	10/06/22 20:25	
SM 2320 B	Hydroxide	< 1.0	mg/L as CaCO3	1.0			X241192	MWD	10/06/22 20:25	
SM 2540 C	**Total Diss. Solids**	116000	mg/L	100			X241175	TJL	10/06/22 16:15	D2,E11
SM 2540 D	**Total Susp. Solids**	413	mg/L	5.0			X241176	TJL	10/06/22 16:15	
SM 4500 H B	**pH @22.2°C**	2.3	pH Units				X241192	MWD	10/06/22 20:25	H5

SVL holds the following certifications:
AZ:0538, **ID**:ID00019 & ID00965 (Microbiology), **NV**:ID000192007A, **SC**:58004001, **UT**(**TNI**):ID000192015-1, **WA**:C573

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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: **X2J0044**
Reported: 12-Oct-22 14:52

Client Sample ID: **ECOSA SEEP-2**
SVL Sample ID: **X2J0044-04 (Ground Water)**

Sampled: 04-Oct-22 11:50
Received: 05-Oct-22
Sampled By: BOD

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Anions by Ion Chromatography										
EPA 300.0	Chloride	< 50.0	mg/L	50.0	5.50	250	X241158	RS	10/05/22 19:14	D1
EPA 300.0	**Fluoride**	550	mg/L	25.0	4.25	250	X241158	RS	10/05/22 19:14	D2
EPA 300.0	Nitrate as N	< 12.5	mg/L	12.5	3.25	250	X241158	RS	10/05/22 19:14	D1
EPA 300.0	Nitrate+Nitrite as N	< 25.0	mg/L	25.0	11.0	250	X241158	RS	10/05/22 19:14	D1
EPA 300.0	Nitrite as N	< 12.5	mg/L	12.5	7.75	250	X241158	RS	10/05/22 19:14	D1
EPA 300.0	**Sulfate as SO4**	85100	mg/L	1500	900	5000	X241158	RS	10/05/22 19:31	D2

Cation/Anion Balance and TDS Ratios

Cation Sum: 1,572 meq/L Anion Sum: 1,802 meq/L C/A Balance: -6.82 % Calculated TDS: 87415 TDS/cTDS: 1.33

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

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Post Office Box 191
Victor, CO 80860

Project Name: Cripple Creek/Victor Water and Soil 2022
Work Order: **X2J0044**
Reported: 12-Oct-22 14:52

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	X241183	07-Oct-22	
EPA 200.7	Magnesium	mg/L	<0.500	0.045	0.500	X241183	07-Oct-22	
EPA 200.7	Potassium	mg/L	<0.50	0.09	0.50	X241183	07-Oct-22	
Metals (Dissolved)								
EPA 200.7	Aluminum	mg/L	<0.080	0.054	0.080	X242005	10-Oct-22	
EPA 200.7	Barium	mg/L	<0.0020	0.0019	0.0020	X242005	10-Oct-22	
EPA 200.7	Beryllium	mg/L	<0.00200	0.00080	0.00200	X242005	10-Oct-22	
EPA 200.7	Boron	mg/L	<0.0400	0.0078	0.0400	X242005	10-Oct-22	
EPA 200.7	Cadmium	mg/L	<0.0020	0.0016	0.0020	X242005	10-Oct-22	
EPA 200.7	Calcium	mg/L	<0.100	0.069	0.100	X242005	10-Oct-22	
EPA 200.7	Chromium	mg/L	<0.0060	0.0020	0.0060	X242005	10-Oct-22	
EPA 200.7	Cobalt	mg/L	<0.0060	0.0046	0.0060	X242005	10-Oct-22	
EPA 200.7	Copper	mg/L	<0.0100	0.0027	0.0100	X242005	10-Oct-22	
EPA 200.7	Iron	mg/L	<0.100	0.056	0.100	X242005	10-Oct-22	
EPA 200.7	Lead	mg/L	<0.0075	0.0049	0.0075	X242005	10-Oct-22	
EPA 200.7	Lithium	mg/L	<0.040	0.025	0.040	X242005	10-Oct-22	
EPA 200.7	Magnesium	mg/L	<0.500	0.090	0.500	X242005	10-Oct-22	
EPA 200.7	Manganese	mg/L	<0.0080	0.0034	0.0080	X242005	10-Oct-22	
EPA 200.7	Molybdenum	mg/L	<0.0080	0.0034	0.0080	X242005	10-Oct-22	
EPA 200.7	Nickel	mg/L	<0.0100	0.0048	0.0100	X242005	10-Oct-22	
EPA 200.7	Potassium	mg/L	<0.50	0.18	0.50	X242005	10-Oct-22	
EPA 200.7	Silver	mg/L	<0.0050	0.0019	0.0050	X242005	10-Oct-22	
EPA 200.7	Sodium	mg/L	<0.50	0.12	0.50	X242005	10-Oct-22	
EPA 200.7	Vanadium	mg/L	<0.0050	0.0019	0.0050	X242005	10-Oct-22	
EPA 200.7	Zinc	mg/L	<0.0100	0.0054	0.0100	X242005	10-Oct-22	
EPA 200.8	Antimony	mg/L	<0.00100	0.00072	0.00100	X242021	10-Oct-22	
EPA 200.8	Arsenic	mg/L	<0.00100	0.00021	0.00100	X242021	10-Oct-22	
EPA 200.8	Selenium	mg/L	<0.00100	0.00024	0.00100	X242021	10-Oct-22	
EPA 200.8	Thallium	mg/L	<0.00100	0.00008	0.00100	X242021	10-Oct-22	
EPA 200.8	Uranium	mg/L	<0.000100	0.000052	0.000100	X242021	10-Oct-22	
Metals (Filtered)								
EPA 245.1	Mercury	mg/L	<0.000200	0.000093	0.000200	X242009	12-Oct-22	
Classical Chemistry Parameters								
ASTM D7237	Cyanide (free) @ pH 6	mg/L	<0.0050	0.0048	0.0050	X242042	11-Oct-22	
EPA 335.4	Cyanide (total)	mg/L	<0.0050	0.0038	0.0050	X242057	10-Oct-22	
EPA 350.1	Ammonia as N	mg/L	<0.030	0.013	0.030	X242046	10-Oct-22	
OIA 1677	Cyanide (WAD)	mg/L	<0.0050	0.0010	0.0050	X242041	10-Oct-22	
SM 2310 B	Acidity to pH 8.3	mg/L as CaCO3	<10.0		10.0	X242073	11-Oct-22	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	<1.0		1.0	X241192	06-Oct-22	
SM 2320 B	Bicarbonate	mg/L as CaCO3	<1.0		1.0	X241192	06-Oct-22	
SM 2320 B	Carbonate	mg/L as CaCO3	<1.0		1.0	X241192	06-Oct-22	
SM 2320 B	Hydroxide	mg/L as CaCO3	<1.0		1.0	X241192	06-Oct-22	
SM 2540 C	Total Diss. Solids	mg/L	<10		10	X241175	06-Oct-22	
SM 2540 D	Total Susp. Solids	mg/L	<5.0		5.0	X241176	06-Oct-22	
Anions by Ion Chromatography								
EPA 300.0	Chloride	mg/L	<0.20	0.02	0.20	X241158	05-Oct-22	
EPA 300.0	Fluoride	mg/L	<0.100	0.017	0.100	X241158	05-Oct-22	
EPA 300.0	Nitrate as N	mg/L	<0.050	0.013	0.050	X241158	05-Oct-22	
EPA 300.0	Nitrate+Nitrite as N	mg/L	<0.100	0.044	0.100	X241158	05-Oct-22	
EPA 300.0	Nitrite as N	mg/L	<0.050	0.031	0.050	X241158	05-Oct-22	
EPA 300.0	Sulfate as SO4	mg/L	<0.30	0.18	0.30	X241158	05-Oct-22	

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(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: **X2J0044**
Reported: 12-Oct-22 14:52

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	18.2	20.0	91.1	85 - 115	X241183	07-Oct-22	
EPA 200.7	Magnesium	mg/L	18.3	20.0	91.3	85 - 115	X241183	07-Oct-22	
EPA 200.7	Potassium	mg/L	19.5	20.0	97.4	85 - 115	X241183	07-Oct-22	
Metals (Dissolved)									
EPA 200.7	Aluminum	mg/L	0.934	1.00	93.4	85 - 115	X242005	10-Oct-22	
EPA 200.7	Barium	mg/L	0.928	1.00	92.8	85 - 115	X242005	10-Oct-22	
EPA 200.7	Beryllium	mg/L	0.911	1.00	91.1	85 - 115	X242005	10-Oct-22	
EPA 200.7	Boron	mg/L	0.926	1.00	92.6	85 - 115	X242005	10-Oct-22	
EPA 200.7	Cadmium	mg/L	0.932	1.00	93.2	85 - 115	X242005	10-Oct-22	
EPA 200.7	Calcium	mg/L	18.5	20.0	92.4	85 - 115	X242005	10-Oct-22	
EPA 200.7	Chromium	mg/L	0.907	1.00	90.7	85 - 115	X242005	10-Oct-22	
EPA 200.7	Cobalt	mg/L	0.926	1.00	92.6	85 - 115	X242005	10-Oct-22	
EPA 200.7	Copper	mg/L	0.932	1.00	93.2	85 - 115	X242005	10-Oct-22	
EPA 200.7	Iron	mg/L	9.04	10.0	90.4	85 - 115	X242005	10-Oct-22	
EPA 200.7	Lead	mg/L	0.910	1.00	91.0	85 - 115	X242005	10-Oct-22	
EPA 200.7	Lithium	mg/L	0.945	1.00	94.5	85 - 115	X242005	10-Oct-22	
EPA 200.7	Magnesium	mg/L	18.1	20.0	90.7	85 - 115	X242005	10-Oct-22	
EPA 200.7	Manganese	mg/L	0.899	1.00	89.9	85 - 115	X242005	10-Oct-22	
EPA 200.7	Molybdenum	mg/L	0.940	1.00	94.0	85 - 115	X242005	10-Oct-22	
EPA 200.7	Nickel	mg/L	0.922	1.00	92.2	85 - 115	X242005	10-Oct-22	
EPA 200.7	Potassium	mg/L	18.4	20.0	92.0	85 - 115	X242005	10-Oct-22	
EPA 200.7	Silver	mg/L	0.0461	0.0500	92.2	85 - 115	X242005	10-Oct-22	
EPA 200.7	Sodium	mg/L	17.5	19.0	92.2	85 - 115	X242005	10-Oct-22	
EPA 200.7	Vanadium	mg/L	0.923	1.00	92.3	85 - 115	X242005	10-Oct-22	
EPA 200.7	Zinc	mg/L	0.916	1.00	91.6	85 - 115	X242005	10-Oct-22	
EPA 200.8	Antimony	mg/L	0.0264	0.0250	106	85 - 115	X242021	10-Oct-22	
EPA 200.8	Arsenic	mg/L	0.0260	0.0250	104	85 - 115	X242021	10-Oct-22	
EPA 200.8	Selenium	mg/L	0.0280	0.0250	112	85 - 115	X242021	10-Oct-22	
EPA 200.8	Thallium	mg/L	0.0268	0.0250	107	85 - 115	X242021	10-Oct-22	
EPA 200.8	Uranium	mg/L	0.0271	0.0250	108	85 - 115	X242021	10-Oct-22	
Metals (Filtered)									
EPA 245.1	Mercury	mg/L	0.00197	0.00200	98.5	85 - 115	X242009	12-Oct-22	
Classical Chemistry Parameters									
ASTM D7237	Cyanide (free) @ pH 6	mg/L	0.100	0.100	100	90 - 110	X242042	11-Oct-22	
EPA 335.4	Cyanide (total)	mg/L	0.107	0.100	107	90 - 110	X242057	10-Oct-22	
EPA 350.1	Ammonia as N	mg/L	1.01	1.00	101	90 - 110	X242046	10-Oct-22	
OIA 1677	Cyanide (WAD)	mg/L	0.102	0.100	102	82 - 118	X242041	10-Oct-22	
SM 2310 B	Acidity to pH 8.3	mg/L as CaCO3	1790	1740	103	95.4 - 104	X242073	11-Oct-22	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	10.2	9.93	103	96.4 - 105	X241192	06-Oct-22	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	102	99.3	103	96.4 - 105	X241192	06-Oct-22	
SM 2540 D	Total Susp. Solids	mg/L	10.0	10.0	100	85 - 115	X241176	06-Oct-22	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	2.95	3.00	98.4	90 - 110	X241158	05-Oct-22	
EPA 300.0	Fluoride	mg/L	1.94	2.00	96.9	90 - 110	X241158	05-Oct-22	
EPA 300.0	Nitrate as N	mg/L	1.97	2.00	98.7	90 - 110	X241158	05-Oct-22	
EPA 300.0	Nitrate+Nitrite as N	mg/L	4.50	4.50	100	90 - 110	X241158	05-Oct-22	
EPA 300.0	Nitrite as N	mg/L	2.53	2.50	101	90 - 110	X241158	05-Oct-22	
EPA 300.0	Sulfate as SO4	mg/L	10.3	10.0	103	90 - 110	X241158	05-Oct-22	

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Newmont - Cripple Creek & Victor
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Project Name: Cripple Creek/Victor Water and Soil 2022
Work Order: **X2J0044**
Reported: 12-Oct-22 14:52

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	787	787	0.0	20	X242073 - X2I0497-01	11-Oct-22	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	145	146	0.5	20	X241192 - X2J0017-05	06-Oct-22	
SM 2320 B	Bicarbonate	mg/L as CaCO3	145	146	0.5	20	X241192 - X2J0017-05	06-Oct-22	
SM 2320 B	Carbonate	mg/L as CaCO3	<1.0	<1.0	UDL	20	X241192 - X2J0017-05	06-Oct-22	
SM 2320 B	Hydroxide	mg/L as CaCO3	<1.0	<1.0	UDL	20	X241192 - X2J0017-05	06-Oct-22	
SM 2540 C	Total Diss. Solids	mg/L	188	189	0.5	10	X241175 - X2J0044-01	06-Oct-22	
SM 2540 D	Total Susp. Solids	mg/L	14.0	15.0	6.9	10	X241176 - X2J0044-01	06-Oct-22	
SM 4500 H B	pH @22.3°C	pH Units	7.8	7.9	1.3	20	X241192 - X2J0017-05	06-Oct-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	212	192	20.0	104	70 - 130	X241183 - X2J0021-01	07-Oct-22	
EPA 200.7	Magnesium	mg/L	23.4	4.80	20.0	93.0	70 - 130	X241183 - X2J0021-01	07-Oct-22	
EPA 200.7	Potassium	mg/L	56.2	34.5	20.0	109	70 - 130	X241183 - X2J0021-01	07-Oct-22	
Metals (Dissolved)										
EPA 200.7	Aluminum	mg/L	1.03	<0.080	1.00	103	70 - 130	X242005 - X2J0044-01	10-Oct-22	
EPA 200.7	Barium	mg/L	1.08	0.108	1.00	97.2	70 - 130	X242005 - X2J0044-01	10-Oct-22	
EPA 200.7	Beryllium	mg/L	0.956	<0.00200	1.00	95.6	70 - 130	X242005 - X2J0044-01	10-Oct-22	
EPA 200.7	Boron	mg/L	0.993	<0.0400	1.00	98.3	70 - 130	X242005 - X2J0044-01	10-Oct-22	
EPA 200.7	Cadmium	mg/L	0.997	<0.0020	1.00	99.7	70 - 130	X242005 - X2J0044-01	10-Oct-22	
EPA 200.7	Calcium	mg/L	55.6	36.3	20.0	96.6	70 - 130	X242005 - X2J0044-01	10-Oct-22	
EPA 200.7	Chromium	mg/L	0.953	<0.0060	1.00	95.3	70 - 130	X242005 - X2J0044-01	10-Oct-22	
EPA 200.7	Cobalt	mg/L	0.971	<0.0060	1.00	97.1	70 - 130	X242005 - X2J0044-01	10-Oct-22	
EPA 200.7	Copper	mg/L	0.973	<0.0100	1.00	97.3	70 - 130	X242005 - X2J0044-01	10-Oct-22	
EPA 200.7	Iron	mg/L	9.72	0.141	10.0	95.8	70 - 130	X242005 - X2J0044-01	10-Oct-22	
EPA 200.7	Lead	mg/L	0.958	<0.0075	1.00	95.8	70 - 130	X242005 - X2J0044-01	10-Oct-22	
EPA 200.7	Lithium	mg/L	0.988	<0.040	1.00	98.8	70 - 130	X242005 - X2J0044-01	10-Oct-22	
EPA 200.7	Magnesium	mg/L	28.4	9.17	20.0	96.1	70 - 130	X242005 - X2J0044-01	10-Oct-22	
EPA 200.7	Manganese	mg/L	1.31	0.370	1.00	93.8	70 - 130	X242005 - X2J0044-01	10-Oct-22	
EPA 200.7	Molybdenum	mg/L	0.980	<0.0080	1.00	98.0	70 - 130	X242005 - X2J0044-01	10-Oct-22	
EPA 200.7	Nickel	mg/L	0.971	<0.0100	1.00	97.1	70 - 130	X242005 - X2J0044-01	10-Oct-22	
EPA 200.7	Potassium	mg/L	21.2	1.46	20.0	98.8	70 - 130	X242005 - X2J0044-01	10-Oct-22	
EPA 200.7	Silver	mg/L	0.0478	<0.0050	0.0500	95.6	70 - 130	X242005 - X2J0044-01	10-Oct-22	
EPA 200.7	Sodium	mg/L	30.5	12.1	19.0	97.2	70 - 130	X242005 - X2J0044-01	10-Oct-22	
EPA 200.7	Vanadium	mg/L	0.972	<0.0050	1.00	97.2	70 - 130	X242005 - X2J0044-01	10-Oct-22	
EPA 200.7	Zinc	mg/L	0.978	<0.0100	1.00	97.8	70 - 130	X242005 - X2J0044-01	10-Oct-22	
EPA 200.8	Antimony	mg/L	0.0273	<0.00300	0.0250	109	70 - 130	X242021 - X2J0044-01	10-Oct-22	
EPA 200.8	Arsenic	mg/L	0.0288	<0.00300	0.0250	114	70 - 130	X242021 - X2J0044-01	10-Oct-22	
EPA 200.8	Selenium	mg/L	0.0297	<0.00300	0.0250	119	70 - 130	X242021 - X2J0044-01	10-Oct-22	
EPA 200.8	Thallium	mg/L	0.0280	<0.00100	0.0250	112	70 - 130	X242021 - X2J0044-01	10-Oct-22	
EPA 200.8	Uranium	mg/L	0.0289	<0.00100	0.0250	112	70 - 130	X242021 - X2J0044-01	10-Oct-22	
Metals (Filtered)										
EPA 245.1	Mercury	mg/L	0.00202	<0.000200	0.00200	101	70 - 130	X242009 - X2I0417-03	12-Oct-22	
EPA 245.1	Mercury	mg/L	0.00202	<0.000200	0.00200	101	70 - 130	X242009 - X2J0044-03	12-Oct-22	
Classical Chemistry Parameters										
ASTM D7237	Cyanide (free) @ pH 6	mg/L	0.104	<0.0050	0.100	104	79 - 121	X242042 - X2J0044-01	11-Oct-22	
EPA 335.4	Cyanide (total)	mg/L	0.105	<0.0050	0.100	105	90 - 110	X242057 - X2J0044-01	10-Oct-22	

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Project Name: Cripple Creek/Victor Water and Soil 2022
Work Order: **X2J0044**
Reported: 12-Oct-22 14:52

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
Classical Chemistry Parameters (Continued)										
EPA 350.1	Ammonia as N	mg/L	1.02	<0.030	1.00	102	90 - 110	X242046 - X2I0414-01	10-Oct-22	
EPA 350.1	Ammonia as N	mg/L	0.991	<0.030	1.00	97.9	90 - 110	X242046 - X2J0017-04	10-Oct-22	
OIA 1677	Cyanide (WAD)	mg/L	0.108	<0.0050	0.100	107	82 - 118	X242041 - X2J0044-01	10-Oct-22	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	11.9	8.90	3.00	100	90 - 110	X241158 - X2J0044-01	05-Oct-22	D2
EPA 300.0	Fluoride	mg/L	2.48	0.510	2.00	98.4	90 - 110	X241158 - X2J0044-01	05-Oct-22	
EPA 300.0	Nitrate as N	mg/L	2.12	0.101	2.00	101	90 - 110	X241158 - X2J0044-01	05-Oct-22	
EPA 300.0	Nitrate+Nitrite as N	mg/L	4.15	0.106	4.00	101	90 - 110	X241158 - X2J0044-01	05-Oct-22	
EPA 300.0	Nitrite as N	mg/L	2.03	<0.050	2.00	102	90 - 110	X241158 - X2J0044-01	05-Oct-22	
EPA 300.0	Sulfate as SO4	mg/L	59.2	48.7	10.0	104	90 - 110	X241158 - X2J0044-01	05-Oct-22	D2

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	202	212	20.0	4.8	20	0.30R>S	X241183 - X2J0021-01	M3
EPA 200.7	Magnesium	mg/L	22.2	23.4	20.0	5.4	20	86.8	X241183 - X2J0021-01	
EPA 200.7	Potassium	mg/L	53.6	56.2	20.0	4.7	20	95.7	X241183 - X2J0021-01	
Metals (Dissolved)										
EPA 200.7	Aluminum	mg/L	1.03	1.03	1.00	0.4	20	103	X242005 - X2J0044-01	
EPA 200.7	Barium	mg/L	1.10	1.08	1.00	1.6	20	99.0	X242005 - X2J0044-01	
EPA 200.7	Beryllium	mg/L	0.974	0.956	1.00	1.8	20	97.4	X242005 - X2J0044-01	
EPA 200.7	Boron	mg/L	1.00	0.993	1.00	0.7	20	99.0	X242005 - X2J0044-01	
EPA 200.7	Cadmium	mg/L	0.997	0.997	1.00	0.0	20	99.7	X242005 - X2J0044-01	
EPA 200.7	Calcium	mg/L	55.4	55.6	20.0	0.4	20	95.6	X242005 - X2J0044-01	
EPA 200.7	Chromium	mg/L	0.945	0.953	1.00	0.8	20	94.5	X242005 - X2J0044-01	
EPA 200.7	Cobalt	mg/L	0.974	0.971	1.00	0.3	20	97.4	X242005 - X2J0044-01	
EPA 200.7	Copper	mg/L	0.961	0.973	1.00	1.2	20	96.1	X242005 - X2J0044-01	
EPA 200.7	Iron	mg/L	9.70	9.72	10.0	0.2	20	95.6	X242005 - X2J0044-01	
EPA 200.7	Lead	mg/L	0.961	0.958	1.00	0.4	20	96.1	X242005 - X2J0044-01	
EPA 200.7	Lithium	mg/L	0.994	0.988	1.00	0.7	20	99.4	X242005 - X2J0044-01	
EPA 200.7	Magnesium	mg/L	28.6	28.4	20.0	0.8	20	97.1	X242005 - X2J0044-01	
EPA 200.7	Manganese	mg/L	1.33	1.31	1.00	1.4	20	95.7	X242005 - X2J0044-01	
EPA 200.7	Molybdenum	mg/L	0.985	0.980	1.00	0.5	20	98.5	X242005 - X2J0044-01	
EPA 200.7	Nickel	mg/L	0.970	0.971	1.00	0.1	20	97.0	X242005 - X2J0044-01	
EPA 200.7	Potassium	mg/L	21.2	21.2	20.0	0.3	20	98.5	X242005 - X2J0044-01	
EPA 200.7	Silver	mg/L	0.0480	0.0478	0.0500	0.4	20	96.0	X242005 - X2J0044-01	
EPA 200.7	Sodium	mg/L	30.9	30.5	19.0	1.1	20	99.0	X242005 - X2J0044-01	
EPA 200.7	Vanadium	mg/L	0.970	0.972	1.00	0.2	20	97.0	X242005 - X2J0044-01	
EPA 200.7	Zinc	mg/L	0.977	0.978	1.00	0.2	20	97.7	X242005 - X2J0044-01	
EPA 200.8	Antimony	mg/L	0.0280	0.0273	0.0250	2.4	20	112	X242021 - X2J0044-01	
EPA 200.8	Arsenic	mg/L	0.0286	0.0288	0.0250	0.6	20	113	X242021 - X2J0044-01	
EPA 200.8	Selenium	mg/L	0.0307	0.0297	0.0250	3.1	20	123	X242021 - X2J0044-01	
EPA 200.8	Thallium	mg/L	0.0297	0.0280	0.0250	5.7	20	119	X242021 - X2J0044-01	
EPA 200.8	Uranium	mg/L	0.0310	0.0289	0.0250	7.3	20	121	X242021 - X2J0044-01	
Metals (Filtered)										
EPA 245.1	Mercury	mg/L	0.00206	0.00202	0.00200	1.7	20	103	X242009 - X2I0417-03	

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Project Name: Cripple Creek/Victor Water and Soil 2022
Work Order: **X2J0044**
Reported: 12-Oct-22 14:52

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
Classical Chemistry Parameters										
ASTM D7237	Cyanide (free) @ pH 6	mg/L	0.104	0.104	0.100	0.0	11	104	X242042 - X2J0044-01	
EPA 335.4	Cyanide (total)	mg/L	0.104	0.105	0.100	1.1	20	104	X242057 - X2J0044-01	
EPA 350.1	Ammonia as N	mg/L	0.997	1.02	1.00	2.2	20	99.7	X242046 - X2I0414-01	
OIA 1677	Cyanide (WAD)	mg/L	0.107	0.108	0.100	0.9	11	106	X242041 - X2J0044-01	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	11.8	11.9	3.00	1.3	20	95.1	X241158 - X2J0044-01	D2
EPA 300.0	Fluoride	mg/L	2.50	2.48	2.00	0.8	20	99.4	X241158 - X2J0044-01	
EPA 300.0	Nitrate as N	mg/L	2.14	2.12	2.00	1.1	20	102	X241158 - X2J0044-01	
EPA 300.0	Nitrate+Nitrite as N	mg/L	4.19	4.15	4.00	1.0	20	102	X241158 - X2J0044-01	
EPA 300.0	Nitrite as N	mg/L	2.05	2.03	2.00	0.9	20	103	X241158 - X2J0044-01	
EPA 300.0	Sulfate as SO4	mg/L	59.0	59.2	10.0	0.3	20	102	X241158 - X2J0044-01	D2

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Newmont - Cripple Creek & Victor	**Project Name: Cripple Creek/Victor Water and Soil 2022**	
Post Office Box 191	Work Order:	**X2J0044**
Victor, CO 80860	Reported:	12-Oct-22 14:52

Notes and Definitions

D1	Sample required dilution due to matrix.
D2	Sample required dilution due to high concentration of target analyte.
E11	Sample exceeds method-specified limit for solids content.
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.
Q12	Sample was received and analyzed with pH <12.
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

Date	SamplePoint	Variable	Source	Value	Comment	Sample Ref	Sampler	Lab Ref	MDL	Analysis Date	Test Method	ConcFlag	Data Qualifier	Sample Type	RL	Dilution	Matrix	Fraction	Analyte	Analysis	RptUnits	ImpactRatio	RptDate	RptTime	ReportName
10/4/2022 9:50	GV-06	Acidity (mg/L as CaCO3)	SVL Analytical, Inc.	<10.0			BOD	X2J0044-01		10/11/2022 13:15	SM 2310 B	U			10	1	Ground Water		Acidity	Acidity	mg/L as CaCO3		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Alkalinity - Bicarbonate as CaCO3 (mg/L as CaCO3)	SVL Analytical, Inc.	99.5			BOD	X2J0044-01		10/6/2022 20:00	SM 2320 B				1	1	Ground Water		Bicarbonate	Alk Tot CaCO3 (+OH)	mg/L as CaCO3		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Alkalinity - Carbonate as CaCO3 (mg/L as CaCO3)	SVL Analytical, Inc.	<1.0			BOD	X2J0044-01		10/6/2022 20:00	SM 2320 B	U			1	1	Ground Water		Carbonate	Alk Tot CaCO3 (+OH)	mg/L as CaCO3		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Alkalinity - Hydroxide as CaCO3 (mg/L as CaCO3)	SVL Analytical, Inc.	<1.0			BOD	X2J0044-01		10/6/2022 20:00	SM 2320 B	U			1	1	Ground Water		Hydroxide	Alk Tot CaCO3 (+OH)	mg/L as CaCO3		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Alkalinity - Total as CaCO3 (mg/L as CaCO3)	SVL Analytical, Inc.	99.5			BOD	X2J0044-01		10/6/2022 20:00	SM 2320 B				1	1	Ground Water		Total Alkalinity	Alk Tot CaCO3 (+OH)	mg/L as CaCO3		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Aluminum - Dissolved (mg/L)	SVL Analytical, Inc.	<0.080			BOD	X2J0044-01	0.054	10/10/2022 10:27	EPA 200.7	U			0.08	1	Ground Water	D	Aluminum	D 200.7 Al	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Ammonia as N (mg/L)	SVL Analytical, Inc.	<0.030			BOD	X2J0044-01	0.013	10/10/2022 13:28	EPA 350.1	U			0.03	1	Ground Water		Ammonia as N	350.1 NH3	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Antimony - Dissolved (mg/L)	SVL Analytical, Inc.	<0.00100			BOD	X2J0044-01	0.00072	10/10/2022 12:05	EPA 200.8	U			0.001	1	Ground Water	D	Antimony	D 200.8 Sb	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Arsenic - Dissolved (mg/L)	SVL Analytical, Inc.	<0.00100			BOD	X2J0044-01	0.00021	10/10/2022 12:05	EPA 200.8	U			0.001	1	Ground Water	D	Arsenic	D 200.8 As	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Barium - Dissolved (mg/L)	SVL Analytical, Inc.	0.108			BOD	X2J0044-01	0.0019	10/10/2022 10:27	EPA 200.7				0.002	1	Ground Water	D	Barium	D 200.7 Ba	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Beryllium - Dissolved (mg/L)	SVL Analytical, Inc.	<0.00200			BOD	X2J0044-01	0.0008	10/10/2022 10:27	EPA 200.7	U			0.002	1	Ground Water	D	Beryllium	D 200.7 Be	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Boron - Dissolved (mg/L)	SVL Analytical, Inc.	<0.0400			BOD	X2J0044-01	0.0078	10/10/2022 10:27	EPA 200.7	U			0.04	1	Ground Water	D	Boron	D 200.7 B	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Cadmium - Dissolved (mg/L)	SVL Analytical, Inc.	<0.0020			BOD	X2J0044-01	0.0016	10/10/2022 10:27	EPA 200.7	U			0.002	1	Ground Water	D	Cadmium	D 200.7 Cd	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Calcium - Dissolved (mg/L)	SVL Analytical, Inc.	36.3			BOD	X2J0044-01	0.069	10/10/2022 10:27	EPA 200.7				0.1	1	Ground Water	D	Calcium	D 200.7 Ca	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Calcium - Total Recoverable (mg/L)	SVL Analytical, Inc.	35.3			BOD	X2J0044-01	0.035	10/7/2022 12:55	EPA 200.7				0.1	1	Ground Water	TR	Calcium	TR 200.7 Ca	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Chloride (mg/L)	SVL Analytical, Inc.	8.9			BOD	X2J0044-01	0.22	10/5/2022 16:12	EPA 300.0		D2		2	10	Ground Water		Chloride	300.0 Cl	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Chromium - Dissolved (mg/L)	SVL Analytical, Inc.	<0.0060			BOD	X2J0044-01	0.002	10/10/2022 10:27	EPA 200.7	U			0.006	1	Ground Water	D	Chromium	D 200.7 Cr	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Cobalt - Dissolved (mg/L)	SVL Analytical, Inc.	<0.0060			BOD	X2J0044-01	0.0046	10/10/2022 10:27	EPA 200.7	U			0.006	1	Ground Water	D	Cobalt	D 200.7 Co	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Copper - Dissolved (mg/L)	SVL Analytical, Inc.	<0.0100			BOD	X2J0044-01	0.0027	10/10/2022 10:27	EPA 200.7	U			0.01	1	Ground Water	D	Copper	D 200.7 Cu	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Cyanide (Free) (mg/L)	SVL Analytical, Inc.	<0.0050			BOD	X2J0044-01	0.0048	10/11/2022 8:58	ASTM D7237	U			0.005	1	Ground Water		Cyanide (free) @ pH 6	CN Free ASTM D7237	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Cyanide (Total) (mg/L)	SVL Analytical, Inc.	<0.0050			BOD	X2J0044-01	0.0038	10/10/2022 18:54	EPA 335.4	U			0.005	1	Ground Water	T	Cyanide (total)	CN T 335.4	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Cyanide (WAD) (mg/L)	SVL Analytical, Inc.	<0.0050			BOD	X2J0044-01	0.001	10/10/2022 16:36	OIA 1677	U			0.005	1	Ground Water		Cyanide (WAD)	CN WAD OIA 1677	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Fluoride (mg/L)	SVL Analytical, Inc.	0.51			BOD	X2J0044-01	0.017	10/5/2022 15:55	EPA 300.0				0.1	1	Ground Water		Fluoride	300.0 F	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Hardness (as CaCO3) (mg/L)	SVL Analytical, Inc.	126			BOD	X2J0044-01	0.457	10/7/2022 12:55	SM 2340 B				2.31	1	Ground Water		Hardness (as CaCO3)	NMC - CCV GW 2022	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Iron - Dissolved (mg/L)	SVL Analytical, Inc.	0.141			BOD	X2J0044-01	0.056	10/10/2022 10:27	EPA 200.7				0.1	1	Ground Water	D	Iron	D 200.7 Fe	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Lead - Dissolved (mg/L)	SVL Analytical, Inc.	<0.0075			BOD	X2J0044-01	0.0049	10/10/2022 10:27	EPA 200.7	U			0.0075	1	Ground Water	D	Lead	D 200.7 Pb	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Lithium - Dissolved (mg/L)	SVL Analytical, Inc.	<0.040			BOD	X2J0044-01	0.025	10/10/2022 10:27	EPA 200.7	U			0.04	1	Ground Water	D	Lithium	D 200.7 Li	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Magnesium - Dissolved (mg/L)	SVL Analytical, Inc.	9.17			BOD	X2J0044-01	0.09	10/10/2022 10:27	EPA 200.7				0.5	1	Ground Water	D	Magnesium	D 200.7 Mg	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Magnesium - Total Recoverable (mg/L)	SVL Analytical, Inc.	8.88			BOD	X2J0044-01	0.045	10/7/2022 12:55	EPA 200.7				0.5	1	Ground Water	TR	Magnesium	TR 200.7 Mg	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Manganese - Dissolved (mg/L)	SVL Analytical, Inc.	0.37			BOD	X2J0044-01	0.0034	10/10/2022 10:27	EPA 200.7				0.008	1	Ground Water	D	Manganese	D 200.7 Mn	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Mercury - Dissolved (mg/L)	SVL Analytical, Inc.	<0.000200			BOD	X2J0044-01	0.000093	10/12/2022 9:02	EPA 245.1	U			0.0002	1	Ground Water	D	Mercury	D 245.1 Hg	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Molybdenum - Dissolved (mg/L)	SVL Analytical, Inc.	<0.0080			BOD	X2J0044-01	0.0034	10/10/2022 10:27	EPA 200.7	U			0.008	1	Ground Water	D	Molybdenum	D 200.7 Mo	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Nickel - Dissolved (mg/L)	SVL Analytical, Inc.	<0.0100			BOD	X2J0044-01	0.0048	10/10/2022 10:27	EPA 200.7	U			0.01	1	Ground Water	D	Nickel	D 200.7 Ni	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Nitrate as N (mg/L)	SVL Analytical, Inc.	0.101			BOD	X2J0044-01	0.013	10/5/2022 15:55	EPA 300.0				0.05	1	Ground Water		Nitrate as N	300.0 NO3-N	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Nitrate/Nitrite as N (mg/L)	SVL Analytical, Inc.	0.106			BOD	X2J0044-01	0.044	10/5/2022 15:55	EPA 300.0				0.1	1	Ground Water		Nitrate+Nitrite as N	300.0 NO3+NO2	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Nitrite as N (mg/L)	SVL Analytical, Inc.	<0.050			BOD	X2J0044-01	0.031	10/5/2022 15:55	EPA 300.0	U			0.05	1	Ground Water		Nitrite as N	300.0 NO2-N	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	pH (pH Units)	SVL Analytical, Inc.	7.3			BOD	X2J0044-01		10/6/2022 20:00	SM 4500 H B					1	Ground Water		pH	pH (aq) by SM 4500-H-B	pH Units		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Potassium - Dissolved (mg/L)	SVL Analytical, Inc.	1.46			BOD	X2J0044-01	0.18	10/10/2022 10:27	EPA 200.7				0.5	1	Ground Water	D	Potassium	D 200.7 K	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Potassium - Total Recoverable (mg/L)	SVL Analytical, Inc.	1.86			BOD	X2J0044-01	0.09	10/7/2022 12:55	EPA 200.7				0.5	1	Ground Water	TR	Potassium	TR 200.7 K	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Selenium - Dissolved (mg/L)	SVL Analytical, Inc.	<0.00100			BOD	X2J0044-01	0.00024	10/10/2022 12:05	EPA 200.8	U			0.001	1	Ground Water	D	Selenium	D 200.8 Se	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Silver - Dissolved (mg/L)	SVL Analytical, Inc.	<0.0050			BOD	X2J0044-01	0.0019	10/10/2022 10:27	EPA 200.7	U			0.005	1	Ground Water	D	Silver	D 200.7 Ag	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Sodium - Dissolved (mg/L)	SVL Analytical, Inc.	12.1			BOD	X2J0044-01	0.12	10/10/2022 10:27	EPA 200.7				0.5	1	Ground Water	D	Sodium	D 200.7 Na	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Sulfate as SO4 (mg/L)	SVL Analytical, Inc.	48.7			BOD	X2J0044-01	1.8	10/5/2022 16:12	EPA 300.0		D2		3	10	Ground Water		Sulfate as SO4	300.0 SO4	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Thallium - Dissolved (mg/L)	SVL Analytical, Inc.	<0.00100			BOD	X2J0044-01	0.00008	10/10/2022 12:05	EPA 200.8	U			0.001	1	Ground Water	D	Thallium	D 200.8 Tl	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Total Diss. Solids (mg/L)	SVL Analytical, Inc.	189			BOD	X2J0044-01		10/6/2022 16:15	SM 2540 C				10	1	Ground Water		Total Diss. Solids	TDS SM 2540C	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Total Susp. Solids (mg/L)	SVL Analytical, Inc.	15			BOD	X2J0044-01		10/6/2022 16:15	SM 2540 D				5	1	Ground Water		Total Susp. Solids	TSS 2540D	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Uranium - Dissolved (mg/L)	SVL Analytical, Inc.	0.000886			BOD	X2J0044-01	0.000052	10/10/2022 12:05	EPA 200.8				0.0001	1	Ground Water	D	Uranium	D 200.8 U	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Vanadium - Dissolved (mg/L)	SVL Analytical, Inc.	<0.0050			BOD	X2J0044-01	0.0019	10/10/2022 10:27	EPA 200.7	U			0.005	1	Ground Water	D	Vanadium	D 200.7 V	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 9:50	GV-06	Zinc - Dissolved (mg/L)	SVL Analytical, Inc.	<0.0100			BOD	X2J0044-01	0.0054	10/10/2022 10:27	EPA 200.7	U			0.01	1	Ground Water	D	Zinc	D 200.7 Zn	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Acidity (mg/L as CaCO3)	SVL Analytical, Inc.	1340			BOD	X2J0044-02		10/11/2022 13:15	SM 2310 B				10	1	Ground Water		Acidity	Acidity	mg/L as CaCO3		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Alkalinity - Bicarbonate as CaCO3 (mg/L as CaCO3)	SVL Analytical, Inc.	<1.0			BOD	X2J0044-02		10/6/2022 20:08	SM 2320 B	U			1	1	Ground Water		Bicarbonate	Alk Tot CaCO3 (+OH)	mg/L as CaCO3		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Alkalinity - Carbonate as CaCO3 (mg/L as CaCO3)	SVL Analytical, Inc.	<1.0			BOD	X2J0044-02		10/6/2022 20:08	SM 2320 B	U			1	1	Ground Water		Carbonate	Alk Tot CaCO3 (+OH)	mg/L as CaCO3		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Alkalinity - Hydroxide as CaCO3 (mg/L as CaCO3)	SVL Analytical, Inc.	<1.0			BOD	X2J0044-02		10/6/2022 20:08	SM 2320 B	U			1	1	Ground Water		Hydroxide	Alk Tot CaCO3 (+OH)	mg/L as CaCO3		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Alkalinity - Total as CaCO3 (mg/L as CaCO3)	SVL Analytical, Inc.	<1.0			BOD	X2J0044-02		10/6/2022 20:08	SM 2320 B	U			1	1	Ground Water		Total Alkalinity	Alk Tot CaCO3 (+OH)	mg/L as CaCO3		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Aluminum - Dissolved (mg/L)	SVL Analytical, Inc.	213			BOD	X2J0044-02	0.054	10/10/2022 10:39	EPA 200.7				0.08	1	Ground Water	D	Aluminum	D 200.7 Al	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Ammonia as N (mg/L)	SVL Analytical, Inc.	<0.030			BOD	X2J0044-02	0.013	10/10/2022 13:30	EPA 350.1	U			0.03	1	Ground Water		Ammonia as N	350.1 NH3	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Antimony - Dissolved (mg/L)	SVL Analytical, Inc.	<0.0500			BOD	X2J0044-02	0.036	10/10/2022 12:02	EPA 200.8	U	D1		0.05	50	Ground Water	D	Antimony	D 200.8 Sb	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Arsenic - Dissolved (mg/L)	SVL Analytical, Inc.	<0.0500			BOD	X2J0044-02	0.0105	10/10/2022 12:02	EPA 200.8	U	D1		0.05	50	Ground Water	D	Arsenic	D 200.8 As	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Barium - Dissolved (mg/L)	SVL Analytical, Inc.	0.0154			BOD	X2J0044-02	0.0019	10/10/2022 10:39	EPA 200.7				0.002	1	Ground Water	D	Barium	D 200.7 Ba	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Beryllium - Dissolved (mg/L)	SVL Analytical, Inc.	0.205			BOD	X2J0044-02	0.0008	10/10/2022 10:39	EPA 200.7				0.002	1	Ground Water	D	Beryllium	D 200.7 Be	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Boron - Dissolved (mg/L)	SVL Analytical, Inc.	<0.0400			BOD	X2J0044-02	0.0078	10/10/2022 10:39	EPA 200.7	U			0.04	1	Ground Water	D	Boron	D 200.7 B	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Cadmium - Dissolved (mg/L)	SVL Analytical, Inc.	0.565			BOD	X2J0044-02	0.0016	10/10/2022 10:39	EPA 200.7				0.002	1	Ground Water	D	Cadmium	D 200.7 Cd	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Calcium - Dissolved (mg/L)	SVL Analytical, Inc.	684			BOD	X2J0044-02	0.069	10/10/2022 10:39	EPA 200.7				0.1	1	Ground Water	D	Calcium	D 200.7 Ca	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Calcium - Total Recoverable (mg/L)	SVL Analytical, Inc.	653			BOD	X2J0044-02	0.345	10/7/2022 14:31	EPA 200.7		D2		0.5	10	Ground Water	TR	Calcium	TR 200.7 Ca	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Chloride (mg/L)	SVL Analytical, Inc.	32.2			BOD	X2J0044-02	1.1	10/5/2022 18:24	EPA 300.0		D2		10	50	Ground Water		Chloride	300.0 Cl	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Chromium - Dissolved (mg/L)	SVL Analytical, Inc.	0.0202			BOD	X2J0044-02	0.002	10/10/2022 10:39	EPA 200.7				0.006	1	Ground Water	D	Chromium	D 200.7 Cr	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Cobalt - Dissolved (mg/L)	SVL Analytical, Inc.	0.484			BOD	X2J0044-02	0.0046	10/10/2022 10:39	EPA 200.7				0.006	1	Ground Water	D	Cobalt	D 200.7 Co	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Copper - Dissolved (mg/L)	SVL Analytical, Inc.	0.382			BOD	X2J0044-02	0.0027	10/10/2022 10:39	EPA 200.7				0.01	1	Ground Water	D	Copper	D 200.7 Cu	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Cyanide (Free) (mg/L)	SVL Analytical, Inc.	<0.0050			BOD	X2J0044-02	0.0048	10/11/2022 8:59	ASTM D7237	U			0.005	1	Ground Water		Cyanide (free) @ pH 6	CN Free ASTM D7237	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Cyanide (Total) (mg/L)	SVL Analytical, Inc.	<0.0050			BOD	X2J0044-02	0.0038	10/10/2022 18:57	EPA 335.4	U			0.005	1	Ground Water	T	Cyanide (total)	CN T 335.4	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Cyanide (WAD) (mg/L)	SVL Analytical, Inc.	<0.0050			BOD	X2J0044-02	0.001	10/10/2022 16:32	OIA 1677	U			0.005	1	Ground Water		Cyanide (WAD)	CN WAD OIA 1677	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Fluoride (mg/L)	SVL Analytical, Inc.	46.5			BOD	X2J0044-02	0.85	10/5/2022 18:24	EPA 300.0		D2		5	50	Ground Water		Fluoride	300.0 F	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Hardness (as CaCO3) (mg/L)	SVL Analytical, Inc.	2640			BOD	X2J0044-02	0.358	10/10/2022 10:39	SM 2340 B				2.31	1	Ground Water		Hardness (as CaCO3)	NMC - CCV GW 2022	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Iron - Dissolved (mg/L)	SVL Analytical, Inc.	<0.100			BOD	X2J0044-02	0.056	10/10/2022 10:39	EPA 200.7	U			0.1	1	Ground Water	D	Iron	D 200.7 Fe	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Lead - Dissolved (mg/L)	SVL Analytical, Inc.	0.012			BOD	X2J0044-02	0.0049	10/10/2022 10:39	EPA 200.7				0.0075	1	Ground Water	D	Lead	D 200.7 Pb	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Lithium - Dissolved (mg/L)	SVL Analytical, Inc.	0.099			BOD	X2J0044-02	0.025	10/10/2022 10:39	EPA 200.7				0.04	1	Ground Water	D	Lithium	D 200.7 Li	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Magnesium - Dissolved (mg/L)	SVL Analytical, Inc.	238			BOD	X2J0044-02	0.09	10/10/2022 10:39	EPA 200.7				0.5	1	Ground Water	D	Magnesium	D 200.7 Mg	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Magnesium - Total Recoverable (mg/L)	SVL Analytical, Inc.	225			BOD	X2J0044-02	0.045	10/7/2022 13:26	EPA 200.7				0.5	1	Ground Water	TR	Magnesium	TR 200.7 Mg	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Manganese - Dissolved (mg/L)	SVL Analytical, Inc.	73.3			BOD	X2J0044-02	0.0034	10/10/2022 10:39	EPA 200.7				0.008	1	Ground Water	D	Manganese	D 200.7 Mn	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Mercury - Dissolved (mg/L)	SVL Analytical, Inc.	<0.000200			BOD	X2J0044-02	0.000093	10/12/2022 9:04	EPA 245.1	U			0.0002	1	Ground Water	D	Mercury	D 245.1 Hg	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Molybdenum - Dissolved (mg/L)	SVL Analytical, Inc.	<0.0080			BOD	X2J0044-02	0.0034	10/10/2022 10:39	EPA 200.7	U			0.008	1	Ground Water	D	Molybdenum	D 200.7 Mo	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Nickel - Dissolved (mg/L)	SVL Analytical, Inc.	0.949			BOD	X2J0044-02	0.0048	10/10/2022 10:39	EPA 200.7				0.01	1	Ground Water	D	Nickel	D 200.7 Ni	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Nitrate as N (mg/L)	SVL Analytical, Inc.	2.02			BOD	X2J0044-02	0.013	10/5/2022 18:08	EPA 300.0				0.05	1	Ground Water		Nitrate as N	300.0 NO3-N	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Nitrate/Nitrite as N (mg/L)	SVL Analytical, Inc.	2.02			BOD	X2J0044-02	0.044	10/5/2022 18:08	EPA 300.0				0.1	1	Ground Water		Nitrate+Nitrite as N	300.0 NO3+NO2	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Nitrite as N (mg/L)	SVL Analytical, Inc.	<0.050			BOD	X2J0044-02	0.031	10/5/2022 18:08	EPA 300.0	U			0.05	1	Ground Water		Nitrite as N	300.0 NO2-N	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	pH (pH Units)	SVL Analytical, Inc.	3.9			BOD	X2J0044-02		10/6/2022 20:08	SM 4500 H B					1	Ground Water		pH	pH (aq) by SM 4500-H-B	pH Units		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Potassium - Dissolved (mg/L)	SVL Analytical, Inc.	7.37			BOD	X2J0044-02	0.18	10/10/2022 10:39	EPA 200.7				0.5	1	Ground Water	D	Potassium	D 200.7 K	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Potassium - Total Recoverable (mg/L)	SVL Analytical, Inc.	7.52			BOD	X2J0044-02	0.09	10/7/2022 13:26	EPA 200.7				0.5	1	Ground Water	TR	Potassium	TR 200.7 K	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Selenium - Dissolved (mg/L)	SVL Analytical, Inc.	0.166			BOD	X2J0044-02	0.012	10/10/2022 12:02	EPA 200.8		D1		0.05	50	Ground Water	D	Selenium	D 200.8 Se	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Silver - Dissolved (mg/L)	SVL Analytical, Inc.	<0.0050			BOD	X2J0044-02	0.0019	10/10/2022 10:39	EPA 200.7	U			0.005	1	Ground Water	D	Silver	D 200.7 Ag	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Sodium - Dissolved (mg/L)	SVL Analytical, Inc.	42.8			BOD	X2J0044-02	0.12	10/10/2022 10:39	EPA 200.7				0.5	1	Ground Water	D	Sodium	D 200.7 Na	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Sulfate as SO4 (mg/L)	SVL Analytical, Inc.	4140			BOD	X2J0044-02	18	10/6/2022 19:58	EPA 300.0		D2		30	100	Ground Water		Sulfate as SO4	300.0 SO4	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Thallium - Dissolved (mg/L)	SVL Analytical, Inc.	<0.0100			BOD	X2J0044-02	0.004	10/10/2022 12:02	EPA 200.8	U	D1		0.01	50	Ground Water	D	Thallium	D 200.8 Tl	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Total Diss. Solids (mg/L)	SVL Analytical, Inc.	5550			BOD	X2J0044-02		10/6/2022 16:15	SM 2540 C		D2		40	1	Ground Water		Total Diss. Solids	TDS SM 2540C	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Total Susp. Solids (mg/L)	SVL Analytical, Inc.	56			BOD	X2J0044-02		10/6/2022 16:15	SM 2540 D				5	1	Ground Water		Total Susp. Solids	TSS 2540D	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Uranium - Dissolved (mg/L)	SVL Analytical, Inc.	0.545			BOD	X2J0044-02	0.0026	10/10/2022 12:02	EPA 200.8		D1		0.005	50	Ground Water	D	Uranium	D 200.8 U	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Vanadium - Dissolved (mg/L)	SVL Analytical, Inc.	<0.0050			BOD	X2J0044-02	0.0019	10/10/2022 10:39	EPA 200.7	U			0.005	1	Ground Water	D	Vanadium	D 200.7 V	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 10:35	GVMW-25	Zinc - Dissolved (mg/L)	SVL Analytical, Inc.	21.5			BOD	X2J0044-02	0.0054	10/10/2022 10:39	EPA 200.7				0.01	1	Ground Water	D	Zinc	D 200.7 Zn	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Acidity (mg/L as CaCO3)	SVL Analytical, Inc.	20700			BOD	X2J0044-03		10/11/2022 13:15	SM 2310 B				10	1	Ground Water		Acidity	Acidity	mg/L as CaCO3		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Alkalinity - Bicarbonate as CaCO3 (mg/L as CaCO3)	SVL Analytical, Inc.	<1.0			BOD	X2J0044-03		10/6/2022 20:17	SM 2320 B	U			1	1	Ground Water		Bicarbonate	Alk Tot CaCO3 (+OH)	mg/L as CaCO3		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Alkalinity - Carbonate as CaCO3 (mg/L as CaCO3)	SVL Analytical, Inc.	<1.0			BOD	X2J0044-03		10/6/2022 20:17	SM 2320 B	U			1	1	Ground Water		Carbonate	Alk Tot CaCO3 (+OH)	mg/L as CaCO3		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Alkalinity - Hydroxide as CaCO3 (mg/L as CaCO3)	SVL Analytical, Inc.	<1.0			BOD	X2J0044-03		10/6/2022 20:17	SM 2320 B	U			1	1	Ground Water		Hydroxide	Alk Tot CaCO3 (+OH)	mg/L as CaCO3		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Alkalinity - Total as CaCO3 (mg/L as CaCO3)	SVL Analytical, Inc.	<1.0			BOD	X2J0044-03		10/6/2022 20:17	SM 2320 B	U			1	1	Ground Water		Total Alkalinity	Alk Tot CaCO3 (+OH)	mg/L as CaCO3		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Aluminum - Dissolved (mg/L)	SVL Analytical, Inc.	3180			BOD	X2J0044-03	2.7	10/10/2022 10:46	EPA 200.7		D2		4	50	Ground Water	D	Aluminum	D 200.7 Al	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Ammonia as N (mg/L)	SVL Analytical, Inc.	0.411			BOD	X2J0044-03	0.064	10/10/2022 13:33	EPA 350.1		D1		0.15	5	Ground Water		Ammonia as N	350.1 NH3	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Antimony - Dissolved (mg/L)	SVL Analytical, Inc.	<0.100			BOD	X2J0044-03	0.072	10/10/2022 11:59	EPA 200.8	U	D1		0.1	100	Ground Water	D	Antimony	D 200.8 Sb	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Arsenic - Dissolved (mg/L)	SVL Analytical, Inc.	0.302			BOD	X2J0044-03	0.021	10/10/2022 11:59	EPA 200.8		D1		0.1	100	Ground Water	D	Arsenic	D 200.8 As	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Barium - Dissolved (mg/L)	SVL Analytical, Inc.	<0.100			BOD	X2J0044-03	0.095	10/10/2022 10:46	EPA 200.7	U	D1		0.1	50	Ground Water	D	Barium	D 200.7 Ba	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Beryllium - Dissolved (mg/L)	SVL Analytical, Inc.	0.466			BOD	X2J0044-03	0.04	10/10/2022 10:46	EPA 200.7		D1		0.1	50	Ground Water	D	Beryllium	D 200.7 Be	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Boron - Dissolved (mg/L)	SVL Analytical, Inc.	<2.00			BOD	X2J0044-03	0.39	10/10/2022 10:46	EPA 200.7	U	D1		2	50	Ground Water	D	Boron	D 200.7 B	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Cadmium - Dissolved (mg/L)	SVL Analytical, Inc.	10.8			BOD	X2J0044-03	0.08	10/10/2022 10:46	EPA 200.7		D1		0.1	50	Ground Water	D	Cadmium	D 200.7 Cd	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Calcium - Dissolved (mg/L)	SVL Analytical, Inc.	409			BOD	X2J0044-03	3.45	10/10/2022 10:46	EPA 200.7		D1		5	50	Ground Water	D	Calcium	D 200.7 Ca	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Calcium - Total Recoverable (mg/L)	SVL Analytical, Inc.	391			BOD	X2J0044-03	0.345	10/7/2022 13:30	EPA 200.7		D1		0.5	10	Ground Water	TR	Calcium	TR 200.7 Ca	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Chloride (mg/L)	SVL Analytical, Inc.	<20.0			BOD	X2J0044-03	2.2	10/5/2022 18:41	EPA 300.0	U	D1		20	100	Ground Water		Chloride	300.0 Cl	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Chromium - Dissolved (mg/L)	SVL Analytical, Inc.	0.655			BOD	X2J0044-03	0.1	10/10/2022 10:46	EPA 200.7		D1		0.3	50	Ground Water	D	Chromium	D 200.7 Cr	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Cobalt - Dissolved (mg/L)	SVL Analytical, Inc.	10.6			BOD	X2J0044-03	0.23	10/10/2022 10:46	EPA 200.7		D1		0.3	50	Ground Water	D	Cobalt	D 200.7 Co	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Copper - Dissolved (mg/L)	SVL Analytical, Inc.	16.7			BOD	X2J0044-03	0.135	10/10/2022 10:46	EPA 200.7		D1		0.5	50	Ground Water	D	Copper	D 200.7 Cu	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Cyanide (Free) (mg/L)	SVL Analytical, Inc.	<0.0050			BOD	X2J0044-03	0.0048	10/11/2022 9:05	ASTM D7237	U	Q12		0.005	1	Ground Water		Cyanide (free) @ pH 6	CN Free ASTM D7237	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Cyanide (Total) (mg/L)	SVL Analytical, Inc.	0.0142			BOD	X2J0044-03	0.0076	10/10/2022 18:59	EPA 335.4		D1		0.01	2	Ground Water	T	Cyanide (total)	CN T 335.4	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Cyanide (WAD) (mg/L)	SVL Analytical, Inc.	<0.0050			BOD	X2J0044-03	0.001	10/10/2022 16:33	OIA 1677	U	Q12		0.005	1	Ground Water		Cyanide (WAD)	CN WAD OIA 1677	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Fluoride (mg/L)	SVL Analytical, Inc.	130			BOD	X2J0044-03	1.7	10/5/2022 18:41	EPA 300.0		D2		10	100	Ground Water		Fluoride	300.0 F	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Hardness (as CaCO3) (mg/L)	SVL Analytical, Inc.	4740			BOD	X2J0044-03	27.1	10/7/2022 13:30	SM 2340 B				115	10	Ground Water		Hardness (as CaCO3)	NMC - CCV GW 2022	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Iron - Dissolved (mg/L)	SVL Analytical, Inc.	741			BOD	X2J0044-03	2.8	10/10/2022 10:46	EPA 200.7		D1		5	50	Ground Water	D	Iron	D 200.7 Fe	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Lead - Dissolved (mg/L)	SVL Analytical, Inc.	<0.375			BOD	X2J0044-03	0.245	10/10/2022 10:46	EPA 200.7	U	D1		0.375	50	Ground Water	D	Lead	D 200.7 Pb	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Lithium - Dissolved (mg/L)	SVL Analytical, Inc.	<2.00			BOD	X2J0044-03	1.25	10/10/2022 10:46	EPA 200.7	U	D1		2	50	Ground Water	D	Lithium	D 200.7 Li	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Magnesium - Dissolved (mg/L)	SVL Analytical, Inc.	903			BOD	X2J0044-03	4.5	10/10/2022 10:46	EPA 200.7		D1		25	50	Ground Water	D	Magnesium	D 200.7 Mg	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Magnesium - Total Recoverable (mg/L)	SVL Analytical, Inc.	870			BOD	X2J0044-03	0.45	10/7/2022 13:30	EPA 200.7		D2		2.5	10	Ground Water	TR	Magnesium	TR 200.7 Mg	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Manganese - Dissolved (mg/L)	SVL Analytical, Inc.	1000			BOD	X2J0044-03	0.17	10/10/2022 10:46	EPA 200.7		D2		0.4	50	Ground Water	D	Manganese	D 200.7 Mn	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Mercury - Dissolved (mg/L)	SVL Analytical, Inc.	<0.000200			BOD	X2J0044-03	0.000093	10/12/2022 10:21	EPA 245.1	U			0.0002	1	Ground Water	D	Mercury	D 245.1 Hg	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Molybdenum - Dissolved (mg/L)	SVL Analytical, Inc.	<0.400			BOD	X2J0044-03	0.17	10/10/2022 10:46	EPA 200.7	U	D1		0.4	50	Ground Water	D	Molybdenum	D 200.7 Mo	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Nickel - Dissolved (mg/L)	SVL Analytical, Inc.	7.81			BOD	X2J0044-03	0.24	10/10/2022 10:46	EPA 200.7		D1		0.5	50	Ground Water	D	Nickel	D 200.7 Ni	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Nitrate as N (mg/L)	SVL Analytical, Inc.	14.7			BOD	X2J0044-03	1.3	10/5/2022 18:41	EPA 300.0		D2		5	100	Ground Water		Nitrate as N	300.0 NO3-N	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Nitrate/Nitrite as N (mg/L)	SVL Analytical, Inc.	14.7			BOD	X2J0044-03	4.4	10/5/2022 18:41	EPA 300.0		D2		10	100	Ground Water		Nitrate+Nitrite as N	300.0 NO3+NO2	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Nitrite as N (mg/L)	SVL Analytical, Inc.	<5.00			BOD	X2J0044-03	3.1	10/5/2022 18:41	EPA 300.0	U	D1		5	100	Ground Water		Nitrite as N	300.0 NO2-N	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	pH (pH Units)	SVL Analytical, Inc.	2.7			BOD	X2J0044-03		10/6/2022 20:17	SM 4500 H B					1	Ground Water		pH	pH (aq) by SM 4500-H-B	pH Units		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Potassium - Dissolved (mg/L)	SVL Analytical, Inc.	<25.0			BOD	X2J0044-03	9	10/10/2022 10:46	EPA 200.7	U	D1		25	50	Ground Water	D	Potassium	D 200.7 K	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Potassium - Total Recoverable (mg/L)	SVL Analytical, Inc.	<2.50			BOD	X2J0044-03	0.9	10/7/2022 13:30	EPA 200.7	U	D1		2.5	10	Ground Water	TR	Potassium	TR 200.7 K	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Selenium - Dissolved (mg/L)	SVL Analytical, Inc.	0.878			BOD	X2J0044-03	0.024	10/10/2022 11:59	EPA 200.8		D1		0.1	100	Ground Water	D	Selenium	D 200.8 Se	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Silver - Dissolved (mg/L)	SVL Analytical, Inc.	<0.250			BOD	X2J0044-03	0.095	10/10/2022 10:46	EPA 200.7	U	D1		0.25	50	Ground Water	D	Silver	D 200.7 Ag	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Sodium - Dissolved (mg/L)	SVL Analytical, Inc.	68.8			BOD	X2J0044-03	6	10/10/2022 10:46	EPA 200.7		D1		25	50	Ground Water	D	Sodium	D 200.7 Na	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Sulfate as SO4 (mg/L)	SVL Analytical, Inc.	28500			BOD	X2J0044-03	450	10/5/2022 18:58	EPA 300.0		D2		750	2500	Ground Water		Sulfate as SO4	300.0 SO4	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Thallium - Dissolved (mg/L)	SVL Analytical, Inc.	<0.0200			BOD	X2J0044-03	0.008	10/10/2022 11:59	EPA 200.8	U	D1		0.02	100	Ground Water	D	Thallium	D 200.8 Tl	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Total Diss. Solids (mg/L)	SVL Analytical, Inc.	37900			BOD	X2J0044-03		10/6/2022 16:15	SM 2540 C		D2, E11		100	1	Ground Water		Total Diss. Solids	TDS SM 2540C	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Total Susp. Solids (mg/L)	SVL Analytical, Inc.	196			BOD	X2J0044-03		10/6/2022 16:15	SM 2540 D				5	1	Ground Water		Total Susp. Solids	TSS 2540D	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Uranium - Dissolved (mg/L)	SVL Analytical, Inc.	12.6			BOD	X2J0044-03	0.0052	10/10/2022 11:59	EPA 200.8		D2		0.01	100	Ground Water	D	Uranium	D 200.8 U	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Vanadium - Dissolved (mg/L)	SVL Analytical, Inc.	<0.250			BOD	X2J0044-03	0.095	10/10/2022 10:46	EPA 200.7	U	D1		0.25	50	Ground Water	D	Vanadium	D 200.7 V	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:30	ECOSA SEEP-1	Zinc - Dissolved (mg/L)	SVL Analytical, Inc.	170			BOD	X2J0044-03	0.27	10/10/2022 10:46	EPA 200.7		D2		0.5	50	Ground Water	D	Zinc	D 200.7 Zn	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:50	ECOSA SEEP-2	Acidity (mg/L as CaCO3)	SVL Analytical, Inc.	64000			BOD	X2J0044-04		10/11/2022 13:15	SM 2310 B				10	1	Ground Water		Acidity	Acidity	mg/L as CaCO3		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:50	ECOSA SEEP-2	Alkalinity - Bicarbonate as CaCO3 (mg/L as CaCO3)	SVL Analytical, Inc.	<1.0			BOD	X2J0044-04		10/6/2022 20:25	SM 2320 B	U			1	1	Ground Water		Bicarbonate	Alk Tot CaCO3 (+OH)	mg/L as CaCO3		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:50	ECOSA SEEP-2	Alkalinity - Carbonate as CaCO3 (mg/L as CaCO3)	SVL Analytical, Inc.	<1.0			BOD	X2J0044-04		10/6/2022 20:25	SM 2320 B	U			1	1	Ground Water		Carbonate	Alk Tot CaCO3 (+OH)	mg/L as CaCO3		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:50	ECOSA SEEP-2	Alkalinity - Hydroxide as CaCO3 (mg/L as CaCO3)	SVL Analytical, Inc.	<1.0			BOD	X2J0044-04		10/6/2022 20:25	SM 2320 B	U			1	1	Ground Water		Hydroxide	Alk Tot CaCO3 (+OH)	mg/L as CaCO3		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:50	ECOSA SEEP-2	Alkalinity - Total as CaCO3 (mg/L as CaCO3)	SVL Analytical, Inc.	<1.0			BOD	X2J0044-04		10/6/2022 20:25	SM 2320 B	U			1	1	Ground Water		Total Alkalinity	Alk Tot CaCO3 (+OH)	mg/L as CaCO3		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:50	ECOSA SEEP-2	Aluminum - Dissolved (mg/L)	SVL Analytical, Inc.	9060			BOD	X2J0044-04	5.4	10/10/2022 10:50	EPA 200.7		D2		8	100	Ground Water	D	Aluminum	D 200.7 Al	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:50	ECOSA SEEP-2	Ammonia as N (mg/L)	SVL Analytical, Inc.	<0.300			BOD	X2J0044-04	0.127	10/10/2022 13:36	EPA 350.1	U	D1		0.3	10	Ground Water		Ammonia as N	350.1 NH3	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:50	ECOSA SEEP-2	Antimony - Dissolved (mg/L)	SVL Analytical, Inc.	<1.00			BOD	X2J0044-04	0.72	10/10/2022 11:56	EPA 200.8	U	D1		1	1000	Ground Water	D	Antimony	D 200.8 Sb	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:50	ECOSA SEEP-2	Arsenic - Dissolved (mg/L)	SVL Analytical, Inc.	11.2			BOD	X2J0044-04	0.21	10/10/2022 11:56	EPA 200.8		D1		1	1000	Ground Water	D	Arsenic	D 200.8 As	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:50	ECOSA SEEP-2	Barium - Dissolved (mg/L)	SVL Analytical, Inc.	<0.200			BOD	X2J0044-04	0.19	10/10/2022 10:50	EPA 200.7	U	D1		0.2	100	Ground Water	D	Barium	D 200.7 Ba	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:50	ECOSA SEEP-2	Beryllium - Dissolved (mg/L)	SVL Analytical, Inc.	0.746			BOD	X2J0044-04	0.08	10/10/2022 10:50	EPA 200.7		D1		0.2	100	Ground Water	D	Beryllium	D 200.7 Be	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:50	ECOSA SEEP-2	Boron - Dissolved (mg/L)	SVL Analytical, Inc.	<4.00			BOD	X2J0044-04	0.78	10/10/2022 10:50	EPA 200.7	U	D1		4	100	Ground Water	D	Boron	D 200.7 B	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:50	ECOSA SEEP-2	Cadmium - Dissolved (mg/L)	SVL Analytical, Inc.	45.8			BOD	X2J0044-04	0.16	10/10/2022 10:50	EPA 200.7		D1		0.2	100	Ground Water	D	Cadmium	D 200.7 Cd	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:50	ECOSA SEEP-2	Calcium - Dissolved (mg/L)	SVL Analytical, Inc.	449			BOD	X2J0044-04	6.9	10/10/2022 10:50	EPA 200.7		D1		10	100	Ground Water	D	Calcium	D 200.7 Ca	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:50	ECOSA SEEP-2	Calcium - Total Recoverable (mg/L)	SVL Analytical, Inc.	470			BOD	X2J0044-04	1.73	10/7/2022 13:34	EPA 200.7		D1		2.5	50	Ground Water	TR	Calcium	TR 200.7 Ca	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:50	ECOSA SEEP-2	Chloride (mg/L)	SVL Analytical, Inc.	<50.0			BOD	X2J0044-04	5.5	10/5/2022 19:14	EPA 300.0	U	D1		50	250	Ground Water		Chloride	300.0 Cl	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:50	ECOSA SEEP-2	Chromium - Dissolved (mg/L)	SVL Analytical, Inc.	2.59			BOD	X2J0044-04	0.2	10/10/2022 10:50	EPA 200.7		D1		0.6	100	Ground Water	D	Chromium	D 200.7 Cr	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:50	ECOSA SEEP-2	Cobalt - Dissolved (mg/L)	SVL Analytical, Inc.	26.6			BOD	X2J0044-04	0.46	10/10/2022 10:50	EPA 200.7		D1		0.6	100	Ground Water	D	Cobalt	D 200.7 Co	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:50	ECOSA SEEP-2	Copper - Dissolved (mg/L)	SVL Analytical, Inc.	98.1			BOD	X2J0044-04	0.27	10/10/2022 10:50	EPA 200.7		D2		1	100	Ground Water	D	Copper	D 200.7 Cu	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:50	ECOSA SEEP-2	Cyanide (Free) (mg/L)	SVL Analytical, Inc.	<0.0050			BOD	X2J0044-04	0.0048	10/11/2022 9:07	ASTM D7237	U	Q12		0.005	1	Ground Water		Cyanide (free) @ pH 6	CN Free ASTM D7237	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:50	ECOSA SEEP-2	Cyanide (Total) (mg/L)	SVL Analytical, Inc.	0.0138			BOD	X2J0044-04	0.0038	10/10/2022 19:02	EPA 335.4				0.005	1	Ground Water	T	Cyanide (total)	CN T 335.4	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:50	ECOSA SEEP-2	Cyanide (WAD) (mg/L)	SVL Analytical, Inc.	<0.0050			BOD	X2J0044-04	0.001	10/10/2022 16:35	OIA 1677	U	Q12		0.005	1	Ground Water		Cyanide (WAD)	CN WAD OIA 1677	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:50	ECOSA SEEP-2	Fluoride (mg/L)	SVL Analytical, Inc.	550			BOD	X2J0044-04	4.25	10/5/2022 19:14	EPA 300.0		D2		25	250	Ground Water		Fluoride	300.0 F	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:50	ECOSA SEEP-2	Hardness (as CaCO3) (mg/L)	SVL Analytical, Inc.	6450			BOD	X2J0044-04	41.4	10/7/2022 13:34	SM 2340 B				212	50	Ground Water		Hardness (as CaCO3)	NMC - CCV GW 2022	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:50	ECOSA SEEP-2	Iron - Dissolved (mg/L)	SVL Analytical, Inc.	6720			BOD	X2J0044-04	5.6	10/10/2022 10:50	EPA 200.7		D2		10	100	Ground Water	D	Iron	D 200.7 Fe	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:50	ECOSA SEEP-2	Lead - Dissolved (mg/L)	SVL Analytical, Inc.	<0.750			BOD	X2J0044-04	0.49	10/10/2022 10:50	EPA 200.7	U	D1		0.75	100	Ground Water	D	Lead	D 200.7 Pb	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:50	ECOSA SEEP-2	Lithium - Dissolved (mg/L)	SVL Analytical, Inc.	<4.00			BOD	X2J0044-04	2.5	10/10/2022 10:50	EPA 200.7	U	D1		4	100	Ground Water	D	Lithium	D 200.7 Li	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:50	ECOSA SEEP-2	Magnesium - Dissolved (mg/L)	SVL Analytical, Inc.	1280			BOD	X2J0044-04	9	10/10/2022 10:50	EPA 200.7		D2		50	100	Ground Water	D	Magnesium	D 200.7 Mg	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:50	ECOSA SEEP-2	Magnesium - Total Recoverable (mg/L)	SVL Analytical, Inc.	1330			BOD	X2J0044-04	2.25	10/7/2022 13:34	EPA 200.7		D2		12.5	50	Ground Water	TR	Magnesium	TR 200.7 Mg	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:50	ECOSA SEEP-2	Manganese - Dissolved (mg/L)	SVL Analytical, Inc.	3770			BOD	X2J0044-04	0.34	10/10/2022 10:50	EPA 200.7		D2		0.8	100	Ground Water	D	Manganese	D 200.7 Mn	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:50	ECOSA SEEP-2	Mercury - Dissolved (mg/L)	SVL Analytical, Inc.	0.000216			BOD	X2J0044-04	0.000093	10/12/2022 9:10	EPA 245.1				0.0002	1	Ground Water	D	Mercury	D 245.1 Hg	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:50	ECOSA SEEP-2	Molybdenum - Dissolved (mg/L)	SVL Analytical, Inc.	<0.800			BOD	X2J0044-04	0.34	10/10/2022 10:50	EPA 200.7	U	D1		0.8	100	Ground Water	D	Molybdenum	D 200.7 Mo	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:50	ECOSA SEEP-2	Nickel - Dissolved (mg/L)	SVL Analytical, Inc.	16			BOD	X2J0044-04	0.48	10/10/2022 10:50	EPA 200.7		D1		1	100	Ground Water	D	Nickel	D 200.7 Ni	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:50	ECOSA SEEP-2	Nitrate as N (mg/L)	SVL Analytical, Inc.	<12.5			BOD	X2J0044-04	3.25	10/5/2022 19:14	EPA 300.0	U	D1		12.5	250	Ground Water		Nitrate as N	300.0 NO3-N	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452
10/4/2022 11:50	ECOSA SEEP-2	Nitrate/Nitrite as N (mg/L)	SVL Analytical, Inc.	<25.0			BOD	X2J0044-04	11	10/5/2022 19:14	EPA 300.0	U	D1		25	250	Ground Water		Nitrate+Nitrite as N	300.0 NO3+NO2	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452

10/4/2022 11:50	ECOSA SEEP-2	Nitrite as N (mg/L)	SVL Analytical, Inc.	<12.5		BOD	X2J0044-04	7.75	10/5/2022 19:14	EPA 300.0	U	D1		12.5	250	Ground Water		Nitrite as N	300.0 NO2-N	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452							
10/4/2022 11:50	ECOSA SEEP-2	pH (pH Units)	SVL Analytical, Inc.	2.3		BOD	X2J0044-04		10/6/2022 20:25	SM 4500 H B					1	Ground Water		pH	pH (aq) by SM 4500-H-B	pH Units		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452							
10/4/2022 11:50	ECOSA SEEP-2	Potassium - Dissolved (mg/L)	SVL Analytical, Inc.	<50.0		BOD	X2J0044-04	18	10/10/2022 10:50	EPA 200.7	U	D1		50	100	Ground Water	D	Potassium	D 200.7 K	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452							
10/4/2022 11:50	ECOSA SEEP-2	Potassium - Total Recoverable (mg/L)	SVL Analytical, Inc.	<12.5		BOD	X2J0044-04	4.5	10/7/2022 13:34	EPA 200.7	U	D1		12.5	50	Ground Water	TR	Potassium	TR 200.7 K	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452							
10/4/2022 11:50	ECOSA SEEP-2	Selenium - Dissolved (mg/L)	SVL Analytical, Inc.	2.63		BOD	X2J0044-04	0.24	10/10/2022 11:56	EPA 200.8		D1		1	1000	Ground Water	D	Selenium	D 200.8 Se	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452							
10/4/2022 11:50	ECOSA SEEP-2	Silver - Dissolved (mg/L)	SVL Analytical, Inc.	<0.500		BOD	X2J0044-04	0.19	10/10/2022 10:50	EPA 200.7	U	D1		0.5	100	Ground Water	D	Silver	D 200.7 Ag	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452							
10/4/2022 11:50	ECOSA SEEP-2	Sodium - Dissolved (mg/L)	SVL Analytical, Inc.	<50.0		BOD	X2J0044-04	12	10/10/2022 10:50	EPA 200.7	U	D1		50	100	Ground Water	D	Sodium	D 200.7 Na	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452							
10/4/2022 11:50	ECOSA SEEP-2	Sulfate as SO4 (mg/L)	SVL Analytical, Inc.	85100		BOD	X2J0044-04	900	10/5/2022 19:31	EPA 300.0		D2		1500	5000	Ground Water		Sulfate as SO4	300.0 SO4	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452							
10/4/2022 11:50	ECOSA SEEP-2	Thallium - Dissolved (mg/L)	SVL Analytical, Inc.	<0.200		BOD	X2J0044-04	0.08	10/10/2022 11:56	EPA 200.8	U	D1		0.2	1000	Ground Water	D	Thallium	D 200.8 Tl	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452							
10/4/2022 11:50	ECOSA SEEP-2	Total Diss. Solids (mg/L)	SVL Analytical, Inc.	116000		BOD	X2J0044-04		10/6/2022 16:15	SM 2540 C		D2, E11		100	1	Ground Water		Total Diss. Solids	TDS SM 2540C	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452							
10/4/2022 11:50	ECOSA SEEP-2	Total Susp. Solids (mg/L)	SVL Analytical, Inc.	413		BOD	X2J0044-04		10/6/2022 16:15	SM 2540 D				5	1	Ground Water		Total Susp. Solids	TSS 2540D	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452							
10/4/2022 11:50	ECOSA SEEP-2	Uranium - Dissolved (mg/L)	SVL Analytical, Inc.	71.2		BOD	X2J0044-04	0.052	10/10/2022 11:56	EPA 200.8		D2		0.1	1000	Ground Water	D	Uranium	D 200.8 U	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452							
10/4/2022 11:50	ECOSA SEEP-2	Vanadium - Dissolved (mg/L)	SVL Analytical, Inc.	0.625		BOD	X2J0044-04	0.19	10/10/2022 10:50	EPA 200.7		D1		0.5	100	Ground Water	D	Vanadium	D 200.7 V	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452							
10/4/2022 11:50	ECOSA SEEP-2	Zinc - Dissolved (mg/L)	SVL Analytical, Inc.	1770		BOD	X2J0044-04	0.54	10/10/2022 10:50	EPA 200.7		D2		1	100	Ground Water	D	Zinc	D 200.7 Zn	mg/L		10/12/2022	14:52	X2J0044 FINAL 12 Oct 22 1452							