Newmont
NORTH AMERICA

Cripple Creek & Victor
Gold Mining Company
100 North 3rd Street
P.O. Box 191
Victor, Colorado 80860

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newmont.com

**SENT VIA ELECTRONIC MAIL**

January 31, 2023

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

**RE: Cresson Project Permit M-1980-244:**
**Ground Water Monitoring Data: 4th Quarter 2023**
**Surface Water Monitoring Data: 4th Quarter 2023**

Dear Mr. Russell:

Cripple Creek & Victor Gold Mining Company ("CC&V") hereby provides the ground water & surface water monitoring report for the Cresson Project compliance locations for the 4th quarter, (October through December) 2023.

**MONITORING**

In the 4th quarter (Q4), CC&V monitored all accessible and applicable groundwater locations and collected all possible samples as outlined in Permit No. M-1980-244.

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

- Arequa Gulch monitor well CRMW-5A due to insufficient water;
- Poverty Gulch monitoring wells PGMW-2 and PGMW-4 were dry; and
- Maize Gulch monitoring wells SGMW-5, SGMW-6A, SGMW-7A, and SGMW-7B were dry.

In Q4, CC&V monitored all accessible and applicable surface water locations as specified in Permit No. M-1980-244. No surface water samples were collected from GV-03, T2, and WCSW-01 as they were reported dry.

**RESULTS**

CC&V collected eleven quality assurance/quality control (QA/QC) samples in Q4, 2023 as shown in the QA/QC section. Five duplicate samples were collected in Q4; one from monitoring well CRMW-5C was collected on 10/3/23; a second duplicate sample was collected from SGMW-6B on 10/3/23; and three duplicates were collected from monitoring well GVMW-25 on 10/10/23, 11/15/23, and 12/6/23. Five rinse blanks were collected this quarter and were sent with samples to the analytical laboratory. Rinse blanks were collected during quarterly and grassy valley monthly sampling events. Rinse blanks were collected on 10/4/23, 10/10/23, 11/15/23, and 12/6/23. Relative percent difference (RPD) calculations completed for the duplicate monitoring well samples are included within the QA/QC

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section. The majority of the RPD calculations were less than 20% with only a few outliers that pertain to constituents of very low concentrations. One trip blank sample was also collected on 10/4/23.

Q4 exceedances recorded in the Grassy Valley drainage were from monitoring wells GVMW-8B, GVMW-22A, and GVMW-25 and from surface water monitoring location GV-06. Of the aforementioned wells, GV-06 is the only point of compliance location. Monitoring well GVMW-8B and GVMW-22A exceeded applicable standards for fluoride and monitoring well GVMW-25 exceeded applicable standards for aluminum, antimony, arsenic, beryllium, cadmium, chromium, cobalt, copper, fluoride, manganese, nickel, pH, selenium, sulfate, thallium, uranium, and zinc. GVMW-25 exceedances were reported to the Division in the monthly grassy valley report updates. Surface water monitoring location GV-06 exceeded applicable standards for arsenic, iron, pH, and phosphorus. The exceedances at GVMW-8B and GVMW-22A are consistent with previously reported concentrations. Increased concentrations at GVMW-25 have been observed historically in August and September and is likely attributed to increased precipitation from monsoon season. This is a similar trend to what was observed in the Fall of 2022 following increased precipitation during monsoon season. There have been no exceedances observed at the new point of compliance wells GVMW-26A or GVMW-26B during the third quarter.

Q4 exceedances recorded in the Arequa Gulch drainage were from monitoring wells CRMW-3A, CRMW-3C, CRMW-5B, CRMW-5C, and CRMW-5D. Monitoring wells CRMW-5B, CRMW-5C, and CRMW-5D exceeded for fluoride, monitoring wells CRMW-3A exceeded for fluoride and sulfate and CRMW-3C exceeded for fluoride, sulfate, and manganese. All exceedances recorded within the Arequa Gulch drainage for fluoride and sulfate are consistent with previously reported concentrations. Occurrences of manganese above standard in CRMW-3C are consistent with previous results.

Within the Maize Gulch drainage, samples collected from monitoring well SGMW-6B exceeded concentrations of aluminum, beryllium, cadmium, fluoride, manganese, sulfate, uranium, and pH. Data from this monitoring period is consistent with previously recorded concentrations.

Exceedances recorded in the Poverty Gulch drainage were from monitoring wells PGMW-3 and PGMW-5. Monitoring well PGMW-3 exceeded concentrations of aluminum, cadmium, copper, manganese, pH, and sulfate. Fourth quarter PGMW-3 concentrations are consistent with historical data, and attributable to historic mine waste and tailings material. Monitoring well PGMW-5 exhibited elevated aluminum, beryllium, cadmium, copper, cobalt, fluoride, manganese, nickel, sulfate, pH, uranium, and zinc. PGMW-5 is a new well and the long term water quality trend is still being established.

Elevated sulfate concentrations were observed within the Vindicator Valley drainage for samples collected from monitoring well VIN-2A. Fourth quarter 2023 Vindicator Valley concentrations for VIN-2A are generally consistent with previously reported concentrations.

Monitoring well WCMW-3 (Wilson Creek drainage) was compliant with applicable standards. No new or anomalous concentrations are reported for this drainage.

As reported on October 25, 2023, CC&V collected fourth quarter compliance groundwater compliance samples from: CRMW-5B, CRMW-5C, CRMW-5D and SGMW-6B on October 3, 2023; Upon review of

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received analytical reports, CC&V determined monitoring wells CRMW-5B, CRMW-5C, CRMW-5D exceeded the established Numeric Protection Level for Fluoride. Monitoring well SGMW-6B exceeded the established Numeric Protection Level for Aluminum, Cadmium, Fluoride, Manganese, pH and the Table Value Standard for Beryllium, Sulfate and Uranium. Table 1 below lists these exceedances by the location and the associated parameter.

Table 1.

| Location | Sample Date | Parameter | Value (mg/L) | NPL (mg/L) | Table Value Standard (mg/L) |
|---|---|---|---|---|---|
| CRMW-5B | 10/3/2023 | Fluoride | 2.69 | 2 | |
| CRMW-5C | 10/3/2023 | Fluoride | 2.73 | 2 | |
| CRMW-5D | 10/3/2023 | Fluoride | 2.78 | 2 | |
| SGMW-6B | 10/3/2023 | Aluminum | 7.59 | 7 | |
| SGMW-6B | 10/3/2023 | Cadmium | 0.0104 | 0.005 | |
| SGMW-6B | 10/3/2023 | Fluoride | 11.1 | 2 | |
| SGMW-6B | 10/3/2023 | Manganese | 12.7 | 3 | |
| SGMW-6B | 10/3/2023 | Beryllium | 0.0865 | | 0.004 |
| SGMW-6B | 10/3/2023 | Sulfate | 1640 | | 250 |
| SGMW-6B | 10/3/2023 | Uranium | 0.0501 | | 0.03 |
| SGMW-6B | 10/3/2023 | pH | 5.6 | 6.0-8.5 | |

As reported on October 27, 2023, CC&V collected fourth quarter groundwater compliance samples from monitoring well PGMW-3 and PGMW-5 on October 4, 2023. Upon review of received analytical reports, CC&V determined monitoring well PGMW-3 exceeded the established Numeric Protection Level for Aluminum, Cadmium, Copper, Manganese, pH and the Table Value Standard for Sulfate. Monitoring well PGMW-5 exceeded the established Numeric Protection Levels for Aluminum, Cadmium, Copper, Fluoride, Manganese, Nickel, pH, Zinc, and the Table Value Standards for Beryllium, Cobalt, Sulfate, and Uranium. Table 2 below lists these exceedances by the location and the associated parameter.

Table 2.

| Location | Sample Date | Parameter | Value (mg/L) | NPL (mg/L) | Table Value Standard (mg/L) |
|---|---|---|---|---|---|
| PGMW-3 | 10/4/2023 | Aluminum | 12.7 | 7 | |
| PGMW-3 | 10/4/2023 | Cadmium | 0.0055 | 0.005 | |
| PGMW-3 | 10/4/2023 | Copper | 0.219 | 0.2 | |
| PGMW-3 | 10/4/2023 | Manganese | 4.46 | 3 | |
| PGMW-3 | 10/4/2023 | Sulfate | 660 | | 250 |
| PGMW-3 | 10/4/2023 | pH | 4.03 | 6.0 - 8.5 | |
| PGMW-5 | 10/4/2023 | Aluminum | 78.8 | 7 | |
| PGMW-5 | 10/4/2023 | Beryllium | 0.00907 | | 0.004 |

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| | | | | | |
|---|---|---|---|---|---|
| PGMW-5 | 10/4/2023 | Cadmium | 0.0471 | 0.005 | |
| PGMW-5 | 10/4/2023 | Cobalt | 0.219 | | 0.05 |
| PGMW-5 | 10/4/2023 | Copper | 1.58 | 0.2 | |
| PGMW-5 | 10/4/2023 | Fluoride | 10.6 | 2 | |
| PGMW-5 | 10/4/2023 | Manganese | 50 | 3 | |
| PGMW-5 | 10/4/2023 | Nickel | 0.385 | 0.2 | |
| PGMW-5 | 10/4/2023 | pH | 3.6 | 6.0 - 8.5 | |
| PGMW-5 | 10/4/2023 | Sulfate | 1080 | | 250 |
| PGMW-5 | 10/4/2023 | Uranium | 0.0426 | | 0.03 |
| PGMW-5 | 10/4/2023 | Zinc | 5.91 | 2 | |

As reported on November 2, 2023, CC&V collected third quarter groundwater compliance samples from monitoring well GVMW-8B and GVMW-22A on October 11, 2023. Upon review of received analytical reports, CC&V determined monitoring wells GVMW-8B and GVMW-22A exceeded the Regulation 41 Table Value Standard for Fluoride. Table 3 below lists these exceedances by the location and the associated parameter.

Table 3.

| Location | Sample Date | Parameter | Value (mg/L) | NPL (mg/L) | Table Value Standard (mg/L) |
|---|---|---|---|---|---|
| GVMW-8B | 10/11/2023 | Fluoride | 2.14 | 2 | 2 |
| GVMW-22A | 10/11/2023 | Fluoride | 2.09 | 2 | 2 |

As reported on November 24, 2023, CC&V collected third quarter groundwater compliance samples from monitoring wells CRMW-3A on October 26, 2023 and monitoring well VIN-2A on November 2, 2023. Upon review of received analytical reports, CC&V determined monitoring wells CRMW-3A exceeded the Numeric Protection Level for Fluoride and the Table Value Standard for Sulfate. Monitoring well VIN-2A exceeded the Table Value Standard for Sulfate. Table 4 below lists these exceedances by the location and the associated parameter.

Table 4.

| Location | Sample Date | Parameter | Value (mg/L) | NPL (mg/L) | Table Value Standard (mg/L) |
|---|---|---|---|---|---|
| CRMW-3A | 10/26/2023 | Fluoride | 3.04 | 2 | |
| CRMW-3A | 10/26/2023 | Sulfate | 831 | | 250 |
| VIN-2A | 11/2/2023 | Sulfate | 676 | | 250 |

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Should you require additional information please do not hesitate to contact Josh Adams at 719-323-0438 or Joshua.Adams@Newmont.com or myself at 719-689-4048 or Katie.Blake@Newmont.com

Sincerely,

DocuSigned by:
Katie Blake
5A3D013B629844B...

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

EC: P. Lennberg
M. Cunningham
K. Blake
J. Gonzalez
J. Adams

*File: "C:\Users\19012214\Newmont USA Limited\CC&V – S&ER Environmental - Environmental Compliance\Water\DRMS\Quarterly\Q4\Final Report"*

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# Appendix A

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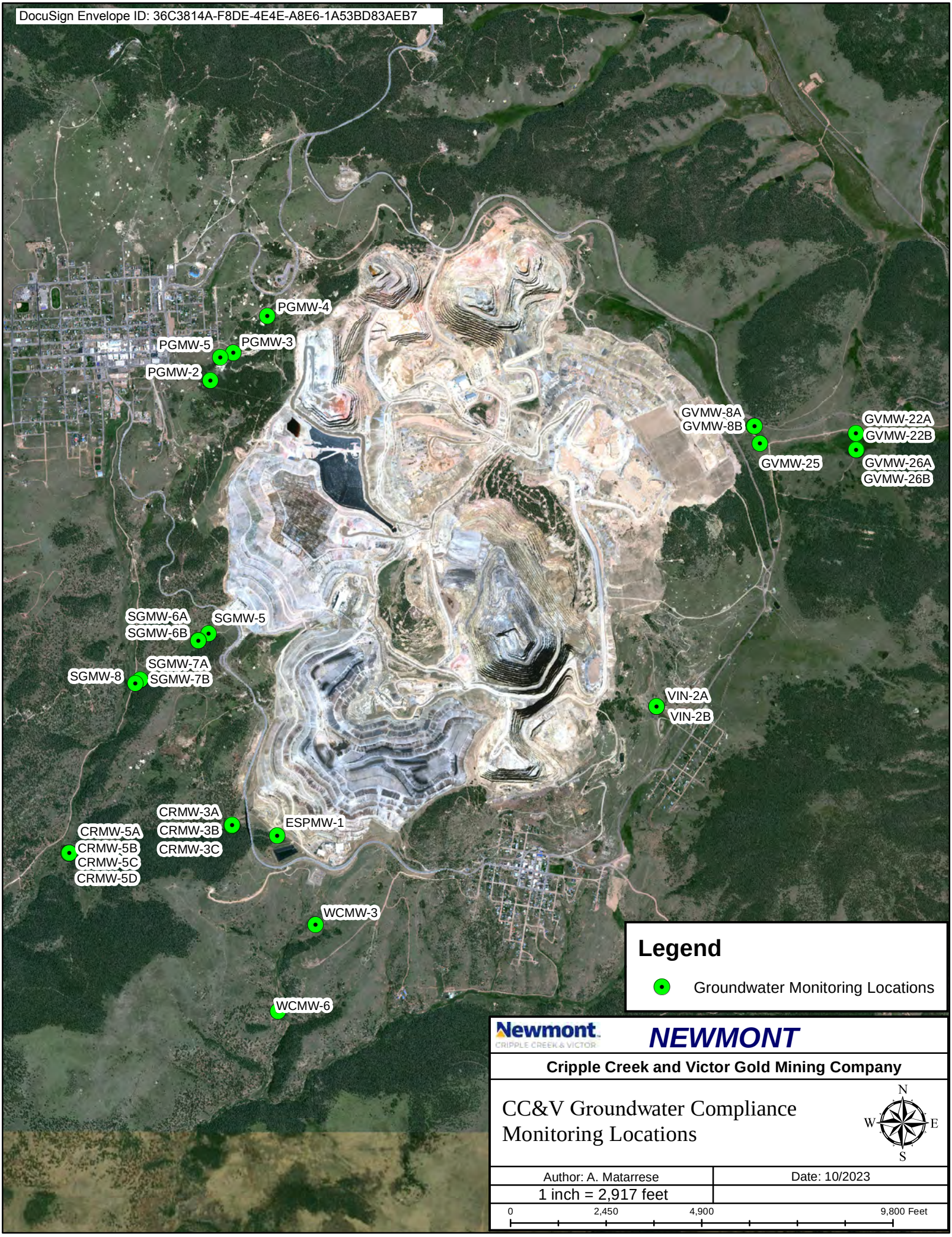
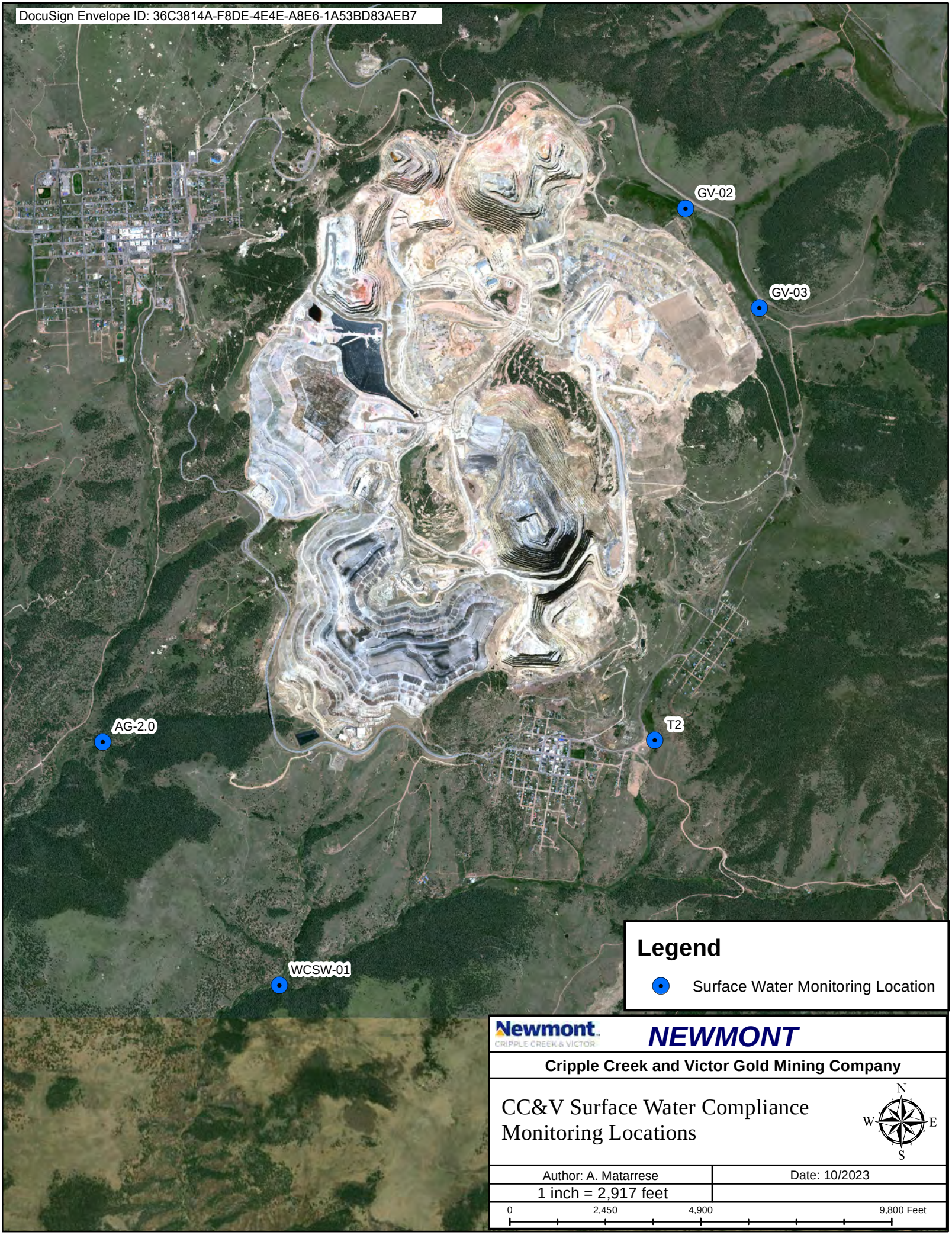
# Location Maps



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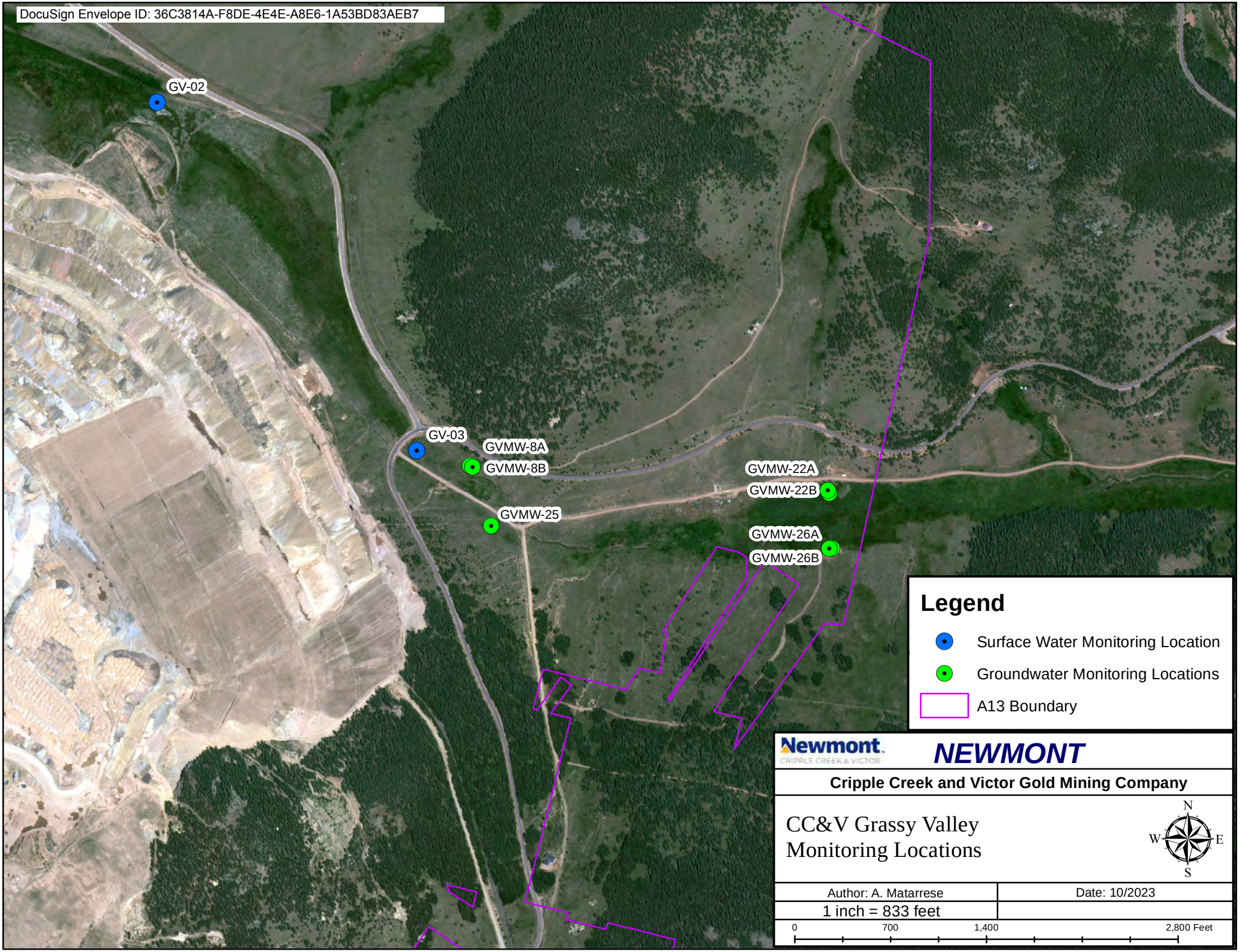
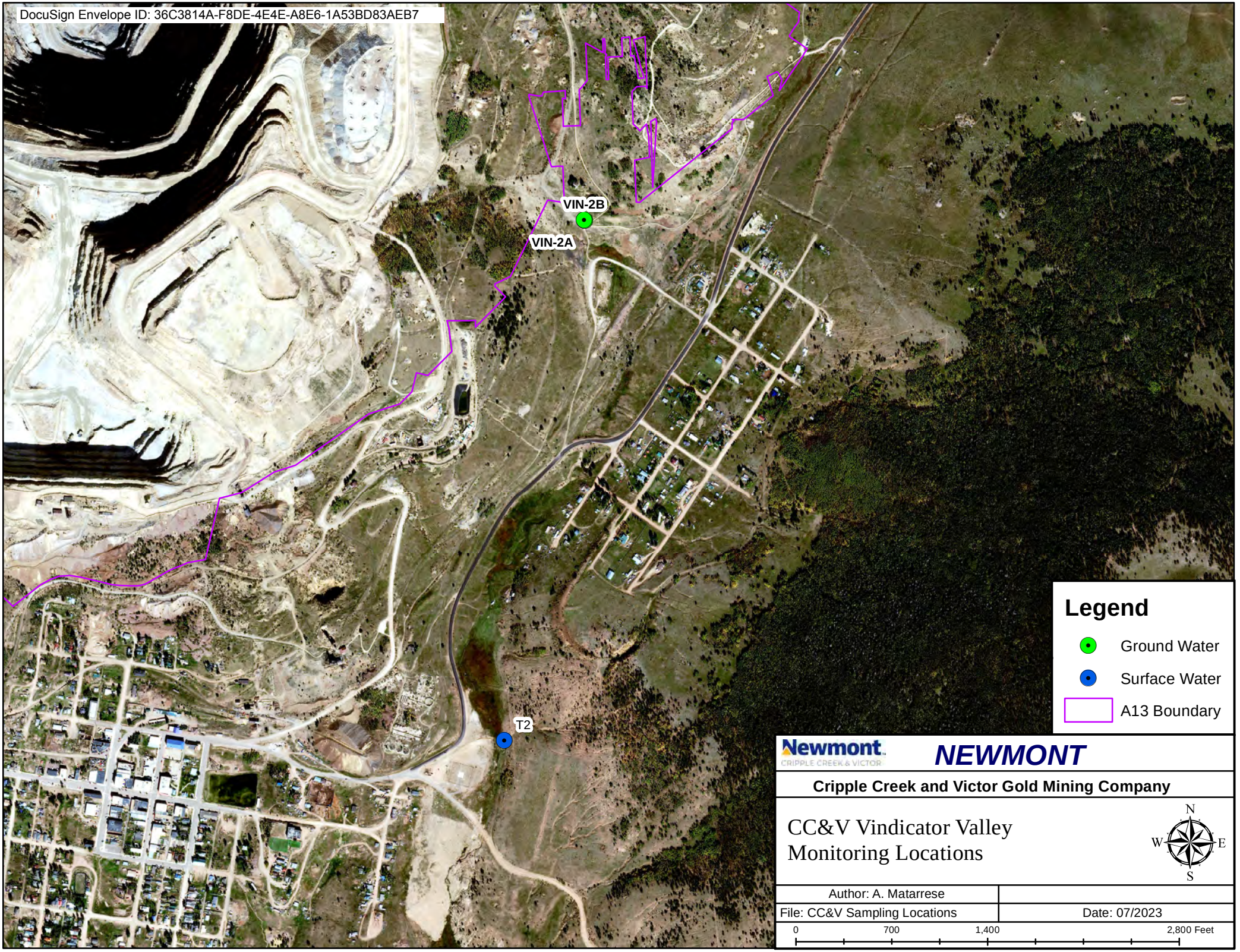
# CC&V Surface Water Compliance Monitoring Locations

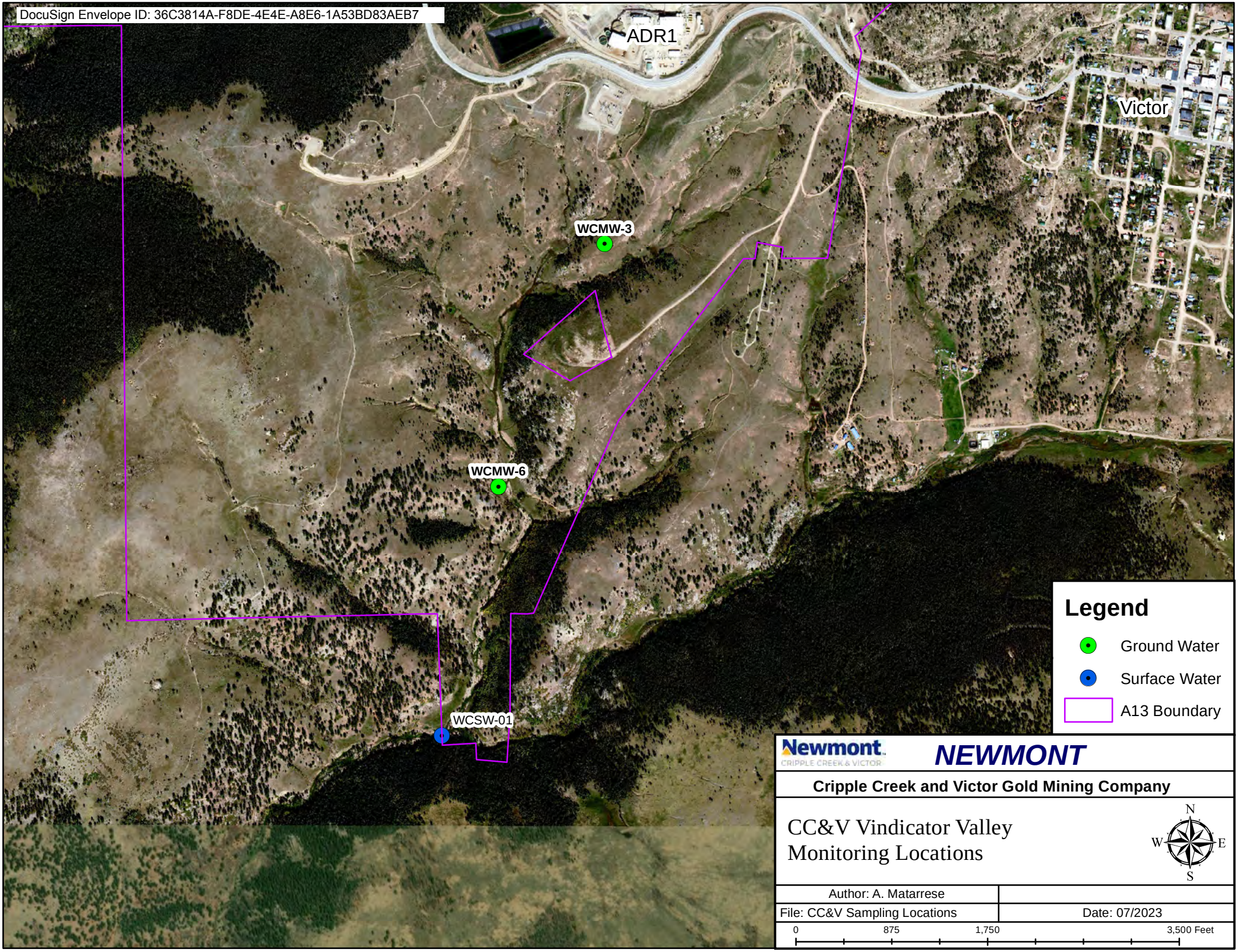
N
W E
S

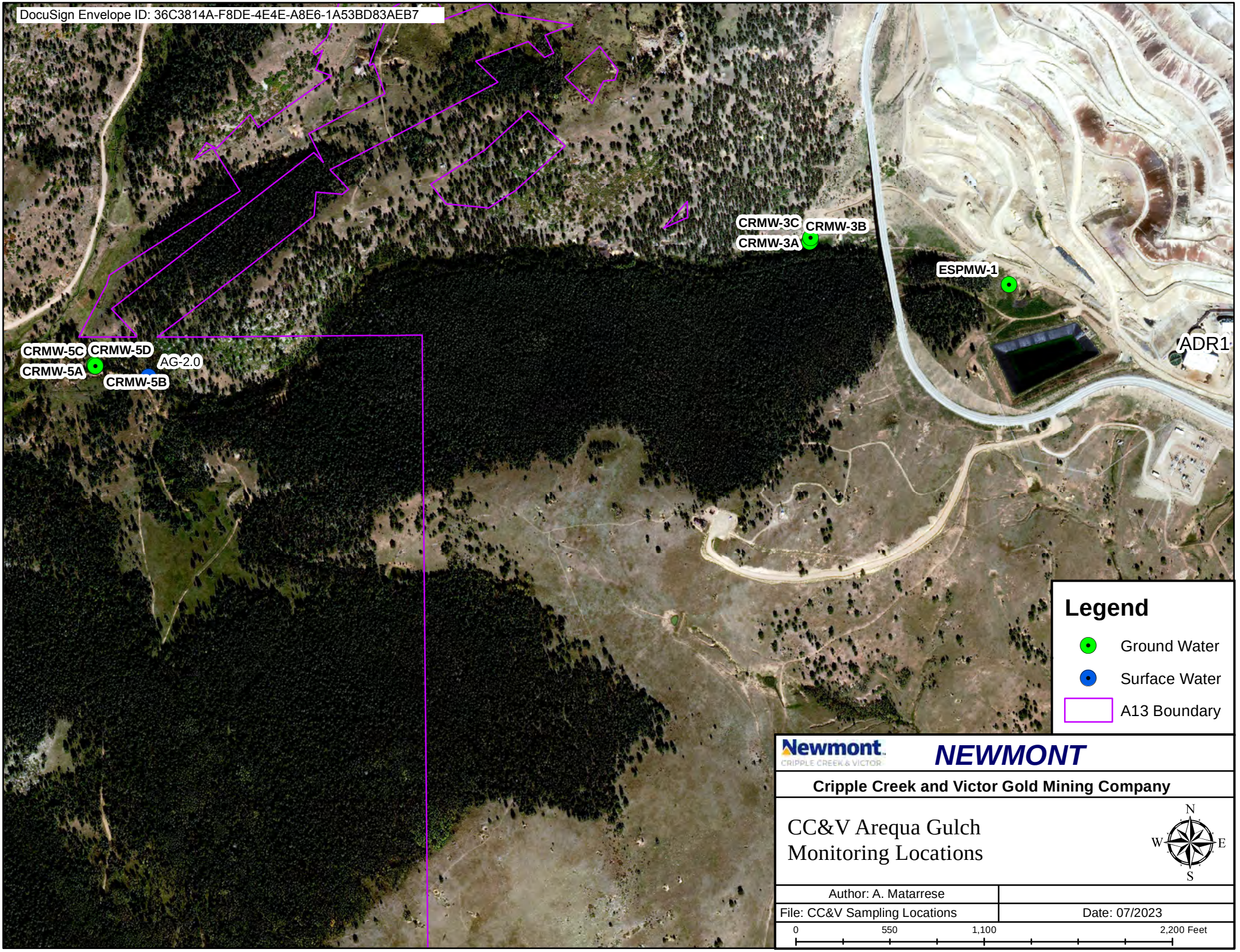
| Author: A. Matarrese | Date: 10/2023 |
|---|---|
| 1 inch = 2,917 feet | |

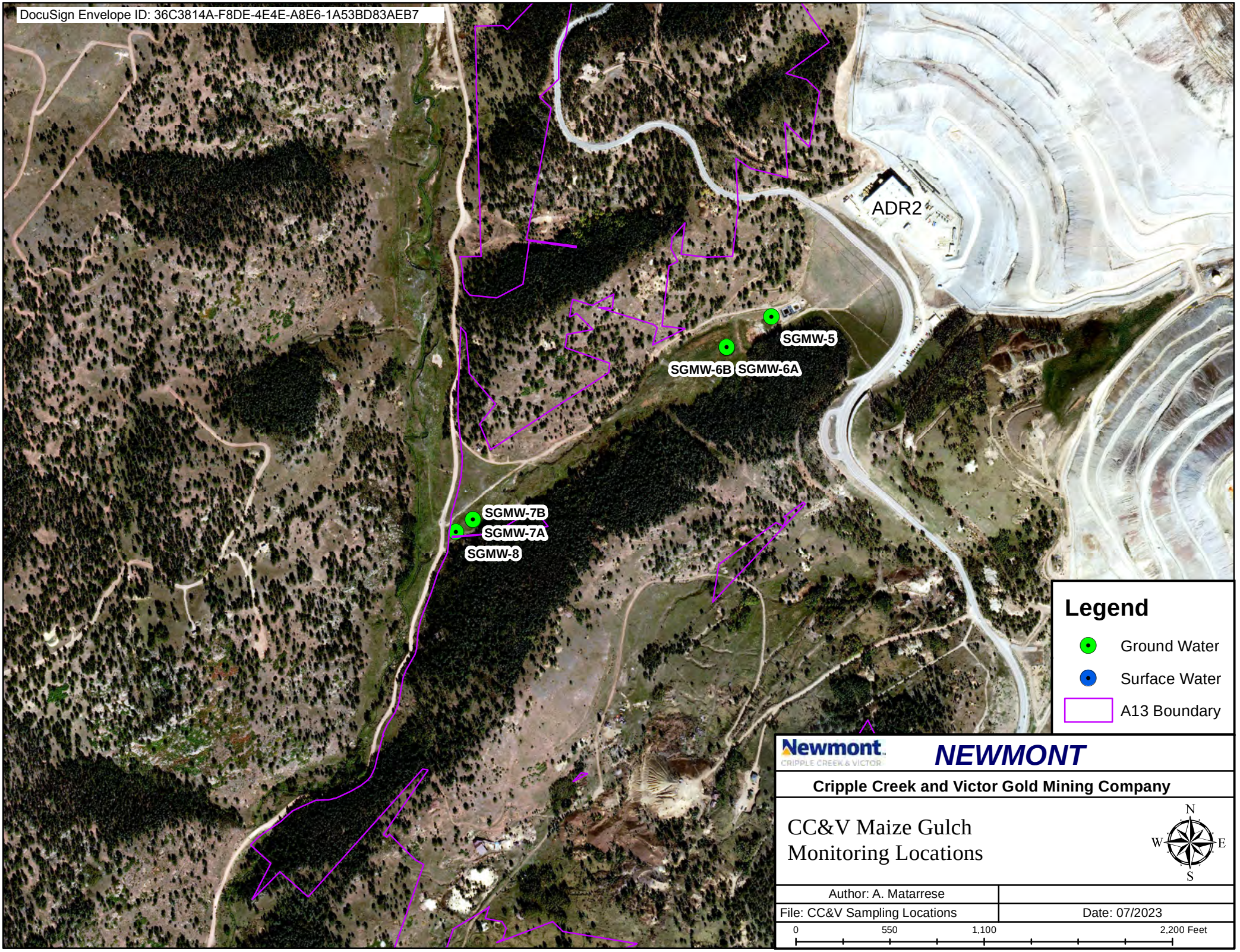
0 2,450 4,900 9,800 Feet

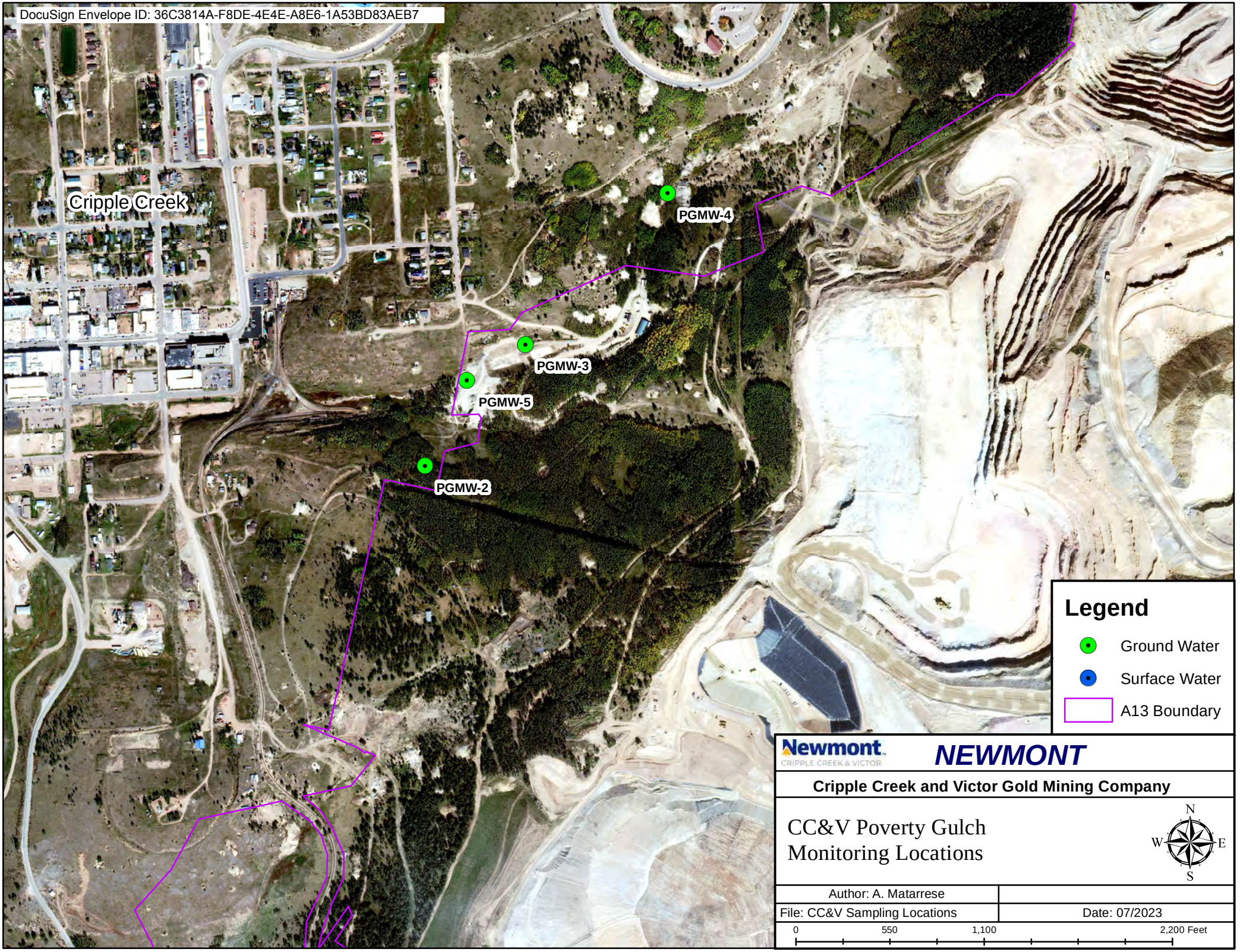










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# NEWMONT

**Cripple Creek and Victor Gold Mining Company**

## CC&V Poverty Gulch Monitoring Locations

N W E S

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

0 550 1,100 2,200 Feet

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# Field Sheets

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## Groundwater Sampling Log

**Location :** Arequa Gulch
**Technician:** R. Barela
**Static Water Level (DTW):** 25.6
**Is well Dry?** No
**If so Dry at:** —

**Date:** 10/26/23
**Quarter:** 4
**Well ID:** CBMW-3A
**Well Depth (TD):** 35 feet

| Time | Depth to Water (ft) | Drawdown (ft) | pH (S.U.) | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|---|---|
| 10:27 | | | 6.74 | 2272 | 10.3 | started pumping |
| 10:32 | 25.7 | 0.1 | 6.63 | 2255 | 10.5 | |
| 10:37 | 25.7 | 0 | 6.59 | 2241 | 10.9 | 0.90 L/m (2) |
| 10:42 | 25.7 | 0 | 6.58 | 2235 | 10.9 | |
| 10:47 | 25.7 | 0 | 6.58 | 2232 | 11.0 | |

**Sample Method:** Low Flow
**Rate (gpm):** ~0.23 ** Flow rate at stabilization (during sample collection)*
**Time Start:** 10:27 **Time End:** 10:47

| Final Parameters | Stabilization Guidance | | Met? | Comments |
|---|---|---|---|---|
| pH | 6.58 | 0.1 | (Y) / N | |
| Conductivity | 2232 | 3% | (Y) / N | |
| Temp© | 11.0 | 3% | (Y) / N | |
| DTW Stabilized | 25.7 | feet | (Y) / N | |
| Final H2O level | 25.7 | feet | | |

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

O/G visible: Y / (N)
Turbid? Y / (N)
Equipment Decontaminated: (Y) / N
Decontamination procedure used: Triple rinse w/ liquinox before sampling

Weather: Clear, sunny
Signature:

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

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

**Show Calculations:**

**Newmont Mining Co**

**Cripple Creek & Victor Gold Mining Co**

## Surface Water Sampling Log

**Location :** CBMW-3B **Date:** 11-28-23

**Technician:** P. Burley **Quarter:** 4

| Time | pH (S.U.} | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|
| 10:00 | 6.87 | 24107 | 13.41 | |

**Sample Method:** Grab

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

**Turbid** [ Y / N ]

**Clear** [ Y / N ]

**Weather:** —

**Signature:**

**Comments:**

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# Surface Water Sampling Log

Location : CBMW-36

Date: 12/7/23

Technician: P. Barela

Quarter: 4

| Time | pH (S.U.) | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|
| 2:05 | 7.21 | 2309 | 15.0 | ORP 321 |

Sample Method: Grab

Oil/Gas visible [Y / (N)]

Turbid [Y / (N)]

Clear [(Y) / N]

Weather: ———

Signature: [signature]

Comments:

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**Cripple Creek & Victor Gold Mining Co**

## Groundwater Sampling Log

**Location :** Arequa Gulch
**Technician:** D. Barela
**Static Water Level (DTW):** 202.1
**Is well Dry?** NO
**If so Dry at:** —

**Date:** 10/3/23
**Quarter:** 4
**Well ID:** CBMW-5A
**Well Depth (TD):** 205 feet

| Time | Depth to Water (ft) | Drawdown (ft) | pH (S.U.) | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|---|---|
| 8:09 | | | | | | Insufficient |
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**Sample Method:** —
**Rate (gpm):** —
** Flow rate at stabilization (during sample collection)*
**Time Start:** 8:09 **Time End:** —

| Final Parameters | Stabilization Guidance | | Met? | Comments |
|---|---|---|---|---|
| pH | | 0.1 | Y / N | |
| Conductivity | | 3% | Y / N | |
| Temp© | | 3% | Y / N | |
| DTW Stabilized | | feet | Y / N | |
| Final H2O level | | feet | | |

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

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

Decontamination procedure used: use sonder

Weather: clear, cold

Signature: [signature]

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

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

**Show Calculations:**

**Newmont Mining Co**
**Cripple Creek & Victor Gold Mining Co**

## Groundwater Sampling Log

**Location :** Arequa Gulch **Date:** 10/3/23

**Technician:** P. Barela **Quarter:** 4

**Static Water Level (DTW):** 28 **Well ID:** CBMW-5B

**Is well Dry?** NO **If so Dry at:** — **Well Depth (TD):** 143 feet

| Time | Depth to Water (ft) | Drawdown (ft) | pH (S.U.) | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|---|---|
| 10:22 | | | 7.21 | 259.7 | 7.2 | started Pumping (120) |
| 10:27 | 28.3 | 0.3 | 7.38 | 283.1 | 7.5 | |
| 10:32 | 28.4 | 0.1 | 7.41 | 269.5 | 8.4 | .96 4m |
| 10:37 | 28.4 | 0 | 7.43 | 266.7 | 8.5 | |
| 10:42 | 28.4 | 0 | 7.43 | 265.0 | 8.6 | |
| 10:47 | 28.4 | 0 | 7.40 | 264.2 | 8.7 | |
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**Sample Method:** Low Flow **Rate (gpm):** ~ .25 **Time Start:** 10:22 **Time End:** 10:47

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

| Final Parameters | Stabilization Guidance | | Met? | Comments |
|---|---|---|---|---|
| pH | 7.410 | 0.1 | Y / N | |
| Conductivity | 264.2 | 3% | Y / N | |
| Temp© | 8.7 | 3% | Y / N | |
| DTW Stabilized | 28.4 | feet | Y / N | |
| Final H2O level | 28.4 | feet | | |

If Low Flow Method: Drawdown greater than 0.33 ft? Y / N If yes, required pump vol (gal): ~~1.32~~ Actual vol. pumped (gal) ~~3.75~~
following stabilization

** See Field Volume Guide*

O/G visible: Y / N
Equipment Decontaminated: ~~Y / N~~

Turbid? Y / N

Decontamination procedure used: Dedicated Pump

Weather: clear, warm

Signature:

**Volume Calculations:**

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

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

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

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

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

**Show Calculations:**

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**Cripple Creek & Victor Gold Mining Co**

## Groundwater Sampling Log

**Location :** Arequa Gulch
**Technician:** P. Burela
**Static Water Level (DTW):** 28
**Is well Dry?** NO
**If so Dry at:** —

**Date:** 10/3/23
**Quarter:** 4
**Well ID:** CBMW-5C
**Well Depth (TD):** 60 feet

| Time | Depth to Water (ft) | Drawdown (ft) | pH (S.U.) | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|---|---|
| 9:37 | | | 6.78 | 200.1 | 6.6 | Started Pumping (118) |
| 9:42 | 28.4 | 0.4 | 6.70 | 200.9 | 8.3 | |
| 9:47 | 28.6 | 0.2 | 6.73 | 200.7 | 8.2 | 1.62 L/M |
| 9:52 | 28.7 | 0.1 | 6.74 | 201.2 | 8.3 | |
| 9:57 | 28.7 | 0 | 6.75 | 201.7 | 8.4 | |
| 10:02 | 28.7 | 0 | 6.75 | 201.6 | 8.6 | |
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**Sample Method:** Low Flow
**Rate (gpm):** ~0.43 * Flow rate at stabilization (during sample collection)
**Time Start:** 9:37 **Time End:** 10:02

| Final Parameters | Stabilization Guidance | | Met? | Comments |
|---|---|---|---|---|
| pH | 6.75 | 0.1 | Y / N | |
| Conductivity | 201.6 | 3% | Y / N | |
| Temp© | 8.6 | 3% | Y / N | |
| DTW Stabilized | 28.7 | feet | Y / N | |
| Final H2O level | 28.7 | feet | | |

If Low Flow Method: Drawdown greater than 0.33 ft? (Y) / ~~N~~ If yes, required pump vol (gal) following stabilization: 1.04 Actual vol. pumped (gal): 6.45
* See Field Volume Guide

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

Decontamination procedure used: dedicated Pump

Weather: clear, cold
Signature:

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

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

**Show Calculations:**

**Newmont Mining Co**
**Cripple Creek & Victor Gold Mining Co**

## Groundwater Sampling Log

**Location :** Arequa Gulch **Date:** 10/3/23

**Technician:** R. Barela **Quarter:** 4

**Static Water Level (DTW):** 17 **Well ID:** CBMW-5D

**Well Depth (TD):** 27

**Is well Dry?** NO **If so Dry at:** — **feet**

| Time | Depth to Water (ft) | Drawdown (ft) | pH (S.U.) | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|---|---|
| 8:50 | | | 6.54 | 196.6 | 12.6 | Started Pumping (87) |
| 8:55 | 17.3 | 0.3 | 6.50 | 196.3 | 13.7 | |
| 9:00 | 17.3 | 0 | 6.41 | 196.7 | 14.9 | .98 L/M |
| 9:05 | 17.5 | 0.2 | 6.45 | 196.0 | 13.3 | |
| 9:10 | 17.5 | 0 | 6.42 | 196.2 | 15.0 | |
| 9:15 | 17.6 | 0.1 | 6.43 | 196.0 | 13.8 | |
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**Sample Method:** Low Flow **Rate (gpm):** ~.26 **Time Start:** 8:50 **Time End:** 9:15

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

| Final Parameters | Stabilization Guidance | | Met? | Comments |
|---|---|---|---|---|
| pH | 6.43 | 0.1 | (Y) / N | |
| Conductivity | 196.0 | 3% | (Y) / N | |
| Temp© | 13.8 | 3% | (Y) / N | |
| DTW Stabilized | 17.6 | feet | (Y) / N | |
| Final H2O level | 17.6 | feet | | |

If Low Flow Method: Drawdown greater than 0.33 ft? (Y) / (N) If yes, required pump vol (gal): .65 Actual vol. pumped (gal) 34

** See Field Volume Guide* following stabilization

O/G visible: Y / (N)

Equipment Decontaminated: (Y) / N Turbid? Y / (N)

Decontamination procedure used: Dedicated Pump

Weather: Clear, cold

Signature:

**Volume Calculations:**

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

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

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

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

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

**Show Calculations:**

**Newmont Mining Co**
**Cripple Creek & Victor Gold Mining Co**

## Groundwater Sampling Log

**Location :** Arequa Gulch **Date:** 10/26/23

**Technician:** P. Barela **Quarter:** 4

**Static Water Level (DTW):** 193 **Well ID:** ESPMW-1

**Well Depth (TD):** 220

**Is well Dry?** NO **If so Dry at:** — feet

| Time | Drawdown (ft) | pH (S.U.) | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|---|
| 9:48 | | 7.23 | 517.3 | 6.7 | |
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| 12:52 | 200 | 7.20 | 501.9 | 10.7 | |
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**Sample Method:** Purge & return **Rate (gpm):** — **Time Start:** 9:48 **Time End:** 12:52

| Final Parameters | Stabilization Guidance | | Met? | Comments |
|---|---|---|---|---|
| pH | 7.20 | 0.1 | Y / N | |
| Conductivity | 501.9 | 3% | Y / N | |
| Temp© | 10.7 | 10% | Y / N | |
| Final H2O level | 200 | feet | | |

O/G visible: Y / (N) Turbid? (Y) / N Dark/brown color

Equipment Decontaminated: (Y) / N

Decontamination procedure used: Triple rinse sounder before collecting sample. Dedicated pump

Weather: sunny, hot.

Signature:

**Well Volume Calculation:**

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

**For 2" Diameter Well (L):** $V(L) = 0.61778 * h(ft)$ **For 4" Diameter Well (L):** $V(L) = 2.471 * h(ft)$

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

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

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

**Show Calculations:**

**Newmont Mining Co**
**Cripple Creek & Victor Gold Mining Co**

## Groundwater Sampling Log

**Location :** Grass-y valley
**Technician:** P. Barela
**Static Water Level (DTW):** 132
**Is well Dry?** NO
**If so Dry at:** —

**Date:** 10.11.23
**Quarter:** 4
**Well ID:** GVMW-5A
**Well Depth (TD):** 250 feet

| Time | Depth to Water (ft) | Drawdown (ft) | pH (S.U.) | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|---|---|
| 10:05 | | | 6.91 | 415.0 | 7.2 | Started pumping |
| 10:10 | 132.1 | 0.1 | 6.85 | 450.2 | 7.2 | |
| 10:15 | 132.1 | 0 | 6.91 | 453.5 | 7.4 | .69 L/M |
| 10:20 | 132.1 | 0 | 6.94 | 455.8 | 7.8 | |
| 10:25 | 132.1 | 0 | 6.90 | 455.9 | 8.4 | |
| 10:30 | 132.1 | 0 | 6.92 | 456.0 | 8.4 | |
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**Sample Method:** Low Flow
**Rate (gpm):** ~0.18
** Flow rate at stabilization (during sample collection)*
**Time Start:** 10:05 **Time End:** 10:30

| Final Parameters | Stabilization Guidance | | Met? | Comments |
|---|---|---|---|---|
| pH | 6.92 | 0.1 | Y / N | |
| Conductivity | 456.0 | 3% | Y / N | |
| Temp© | 8.4 | 3% | Y / N | |
| DTW Stabilized | 132.1 | feet | Y / N | |
| Final H2O level | 132.1 | feet | | |

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

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

Decontamination procedure used: Dedicated Pump

Weather: Sunny, Clear
Signature: [signature]

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

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

**Show Calculations:**

**Newmont Mining Co**
**Cripple Creek & Victor Gold Mining Co**

## Groundwater Sampling Log

**Location :** Grassy Valley
**Technician:** P. Barela
**Static Water Level (DTW):** 34.8
**Is well Dry?** NO
**If so Dry at:** —
**Date:** 10-11-23
**Quarter:** 4
**Well ID:** GVMW-8B
**Well Depth (TD):** 50 feet

| Time | Depth to Water (ft) | Drawdown (ft) | pH (S.U.) | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|---|---|
| 9:27 | | | 6.97 | 430.3 | 8.7 | 470 L/m |
| | | | | | | |
| 9:34 | 42.2 | 7.40 | 6.96 | 429.6 | 7.7 | |
| 9:39 | 42.9 | 0.7 | 6.65 | 429.0 | 8.1 | |
| 9:44 | 42.4 | D | 6.68 | 429.8 | 8.7 | |
| 9:49 | 43.2 | 0.3 | 6.65 | 429.0 | 8.2 | |
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**Sample Method:** 3 well volumes **Rate (gpm):** 21.2 **Time Start:** 9:27 **Time End:** 9:49
** Flow rate at stabilization (during sample collection)*

| Final Parameters | Stabilization Guidance | | Met? | Comments |
|---|---|---|---|---|
| pH | 6.65 | 0.1 | Y / N | |
| Conductivity | 429.0 | 3% | Y / N | |
| Temp© | 8.2 | 3% | Y / N | |
| DTW Stabilized | 43.2 | feet | Y / N | |
| Final H2O level | 43.2 | feet | | |

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

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

Decontamination procedure used: dedicated Pump

Weather: Clear, Sunny

Signature:

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

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

**Show Calculations:**
50 - 34.8 = 15.2
0.1632 x 15.2 = 2.48
3 x 2.48 = 7.44 gal.
removed ~ 8 gal

**Newmont Mining Co**
**Cripple Creek & Victor Gold Mining Co**

## Groundwater Sampling Log

**Location :** Grassy Valley
**Technician:** P. Barela
**Static Water Level (DTW):** 3.7
**Date:** 10.11.23
**Quarter:** 4
**Well ID:** GVMW-22A
**Well Depth (TD):** 70 feet
**Is well Dry?** NO
**If so Dry at:**

| Time | Depth to Water (ft) | Drawdown (ft) | pH (S.U.) | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|---|---|
| 12:13 | | | 7.64 | 383.3 | 8.9 | started Pumping |
| 12:18 | 3.8 | 0.1 | 7.79 | 386.0 | 10.0 | |
| 12:23 | 3.9 | 0.1 | 7.81 | 385.0 | 9.0 | .92 L/M (7) |
| 12:28 | 5.5 | 1.6 | 7.83 | 385.8 | 7.6 | |
| 12:33 | 6.1 | 0.6 | | | | Pump stopped working |
| 12:50 | 5.9 | + 0.2 | 7.89 | 384.3 | 8.1 | started working (7) |
| 12:55 | 6.0 | 0.1 | 7.87 | 384.0 | 8.0 | |
| 1:00 | 6.4 | 0.4 | 7.85 | 384.2 | 8.5 | |
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**Sample Method:** Low Flow
**Rate (gpm):** ~ 0.24 ** Flow rate at stabilization (during sample collection)*
**Time Start:** 12:13 **Time End:** 1:00

| Final Parameters | Stabilization Guidance | | Met? | Comments |
|---|---|---|---|---|
| pH | 7.85 | 0.1 | Y / N | |
| Conductivity | 384.2 | 3% | Y / N | |
| Temp© | 8.5 | 3% | Y / N | |
| DTW Stabilized | 6.4 | feet | Y / N | |
| Final H2O level | 6.4 | feet | | |

If Low Flow Method: Drawdown greater than 0.33 ft? (Y) / N If yes, required pump vol (gal) following stabilization: 1.1 Actual vol. pumped (gal): 3.6
** See Field Volume Guide*

O/G visible: Y / (N)
Turbid? Y / (N)
Equipment Decontaminated: (Y) / N
Decontamination procedure used: Triple rinse w/ liquinox before sampling
*Generators were acting up*
Weather: clear, sunny
Signature:

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

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

**Show Calculations:**

**Newmont Mining Co**
**Cripple Creek & Victor Gold Mining Co**

## Groundwater Sampling Log

**Location :** Grassy Valley
**Technician:** P. Barela
**Static Water Level (DTW):** 4.3
**Is well Dry?** NO
**If so Dry at:** _____ feet

**Date:** 10/11/23
**Quarter:** 4
**Well ID:** GVMW-22B
**Well Depth (TD):** 30

| Time | Depth to Water (ft) | Drawdown (ft) | pH (S.U.) | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|---|---|
| 11:30 | | | 7.21 | 365.1 | 7.8 | started Pumping |
| 11:35 | 4.8 | 0.5 | 6.61 | 369.4 | 7.4 | |
| 11:40 | 4.9 | 0.1 | 6.69 | 369.3 | 7.3 | .98 L/M (Y) |
| 11:45 | 4.9 | 0 | 6.67 | 368.8 | 7.3 | |
| 11:50 | 4.9 | 0 | 6.67 | 367.1 | 7.4 | |
| 11:55 | 4.9 | 0 | 6.66 | 353.3 | 7.3 | |
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**Sample Method:** Low Flow
**Rate (gpm):** ~0.25 ** Flow rate at stabilization (during sample collection)*
**Time Start:** 11:30 **Time End:** 11:55

| Final Parameters | Stabilization Guidance | | Met? | Comments |
|---|---|---|---|---|
| pH | 6.66 | 0.1 | (Y) / N | |
| Conductivity | 353.3 | 3% | (Y) / N | |
| Temp© | 7.3 | 3% | (Y) / N | |
| DTW Stabilized | 4.4 | feet | (Y) / N | |
| Final H2O level | 4.4 | feet | | |

If Low Flow Method: Drawdown greater than 0.33 ft? (Y) / N
** See Field Volume Guide*
If yes, required pump vol (gal) following stabilization: 0.87
Actual vol. pumped (gal): 3.75

O/G visible: Y / (N)
Turbid? Y / (N)
Equipment Decontaminated: (Y) / N
Decontamination procedure used: Triple rinse w/ liquinox before sampling
Weather: Sunny, Clear
Signature:

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

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

**Show Calculations:**

**Newmont Mining Co**
**Cripple Creek & Victor Gold Mining Co**

## Groundwater Sampling Log

**Location :** Poverty Gulch
**Technician:** P. Barela
**Static Water Level (DTW):** —
**Is well Dry?** Yes **If so Dry at:** 218 feet

**Date:** 10/4/23
**Quarter:** 4
**Well ID:** PGMW-2
**Well Depth (TD):** 218

| Time | Depth to Water (ft) | Drawdown (ft) | pH (S.U.) | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|---|---|
| 12:26 | | | — | — | — | Dry at 218 ft |
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**Sample Method:** **Rate (gpm):** **Time Start:** **Time End:**
** Flow rate at stabilization (during sample collection)*

| Final Parameters | Stabilization Guidance | | Met? | Comments |
|---|---|---|---|---|
| pH | | 0.1 | Y / N | |
| Conductivity | | 3% | Y / N | |
| Temp© | | 3% | Y / N | |
| DTW Stabilized | | feet | Y / N | |
| Final H2O level | | feet | | |

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

O/G visible: Y / N Turbid? Y / N
Equipment Decontaminated: Y / N
Decontamination procedure used: Use Sounder

Weather: clear, sunny
Signature:

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

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

**Show Calculations:**

**Newmont Mining Co**
**Cripple Creek & Victor Gold Mining Co**

## Groundwater Sampling Log

**Location :** Poverty Gulch
**Technician:** P. Barela
**Static Water Level (DTW):** 36.8
**Date:** 10/4/21
**Quarter:** 4
**Well ID:** PGMW-3
**Well Depth (TD):** 56 feet

**Is well Dry?** NO **If so Dry at:** _____

| Time | Depth to Water (ft) | Drawdown (ft) | pH (S.U.) | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|---|---|
| 8:58 | | | 3.90 | 1250 | 6.9 | Started Pumping |
| 9:10 | 46 | | | | | Stopped Pumping / dried out |
| 12:35 | 39.7 | | 4.03 | 1284 | 7.6 | Collected Sample |

**Sample Method:** Purge & return **Rate (gpm):** — **Time Start:** 8:58 **Time End:** 12:35
** Flow rate at stabilization (during sample collection)*

| Final Parameters | Stabilization Guidance | | Met? | Comments |
|---|---|---|---|---|
| pH | 4.03 | 0.1 | (Y) / N | |
| Conductivity | 1284 | 3% | (Y) / N | |
| Temp© | 7.6 | 3% | (Y) / N | |
| DTW Stabilized | 39.7 | feet | (Y) / N | |
| Final H2O level | 39.7 | feet | | |

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

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

Decontamination procedure used: Triple rinse w/ liquinox before sampling

Weather: Clear, sunny

Signature: [signature]

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

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

**Show Calculations:**

**Newmont Mining Co**
**Cripple Creek & Victor Gold Mining Co**

## Groundwater Sampling Log

**Location :** Poverty Gulch **Date:** 10/4/23

**Technician:** P. Barela **Quarter:** 4

**Static Water Level (DTW):** — **Well ID:** PGMW-4

**Well Depth (TD):** 39

**Is well Dry?** YES **If so Dry at:** 39 **feet**

| Time | Drawdown (ft) | pH (S.U.) | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|---|
| 1:05 | | — | | | Dry at 39 ft |
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**Sample Method:** — **Rate (gpm):** — **Time Start:** 1:05 **Time End:**

| Final Parameters | Stabilization Guidance | | Met? | Comments |
|---|---|---|---|---|
| pH | | 0.1 | Y / N | |
| Conductivity | | 3% | Y / N | |
| Temp© | | 10% | Y / N | |
| Final H2O level | | feet | | |

O/G visible: ~~Y / N~~ Turbid? ~~Y~~ / N

Equipment Decontaminated: Y / N

Decontamination procedure used: use saundr

Weather: clear, sunny

Signature:

**Well Volume Calculation:**

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

**For 2" Diameter Well (L):** $V(L) = 0.61778 * h(ft)$ **For 4" Diameter Well (L):** $V(L) = 2.471 * h(ft)$

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

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

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

**Show Calculations:**

**Newmont Mining Co**
**Cripple Creek & Victor Gold Mining Co**

## Groundwater Sampling Log

**Location :** Poverty Gulch
**Technician:** D. Barela
**Static Water Level (DTW):** 27.6
**Is well Dry?** NO
**If so Dry at:** —
**Date:** 10/4/23
**Quarter:** 4
**Well ID:** PGMW-5
**Well Depth (TD):** 50 feet

| Time | Depth to Water (ft) | Drawdown (ft) | pH (S.U.) | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|---|---|
| 11:31 | | | 3.61 | 1682 | 6.8 | Started Pumping (23) |
| 11:36 | 29.3 | 1.7 | 3.64 | 1691 | 7.0 | |
| 11:41 | 29.5 | 0.2 | 3.62 | 1695 | 7.1 | |
| 11:46 | 29.6 | 0.1 | 3.61 | 1698 | 7.0 | 0.43 L/M |
| 11:51 | 29.7 | 0.1 | 3.60 | 1698 | 6.9 | |
| 11:56 | 29.7 | 0 | 3.60 | 1697 | 6.9 | |
| 12:01 | 29.7 | 0 | 3.60 | 1697 | 6.9 | |
| 12:06 | 29.7 | 0 | 3.60 | 1695 | 7.0 | |
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**Sample Method:** Low Flow
**Rate (gpm):** ~.11 * Flow rate at stabilization (during sample collection)
**Time Start:** 11:31 **Time End:** 12:06

| Final Parameters | Stabilization Guidance | | Met? | Comments |
|---|---|---|---|---|
| pH | 3.60 | 0.1 | (Y) / N | |
| Conductivity | 1695 | 3% | (Y) / N | |
| Temp© | 7.0 | 3% | (Y) / N | |
| DTW Stabilized | 29.7 | feet | (Y) / N | |
| Final H2O level | 29.7 | feet | | |

If Low Flow Method: Drawdown greater than 0.33 ft? (Y) / N
* See Field Volume Guide
If yes, required pump vol (gal) following stabilization: 2.10
Actual vol. pumped (gal): 2.20

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

Decontamination procedure used: Triple rinse w/liquinox before sampling

Weather: Clear, sunny

Signature:

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

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

**Show Calculations:**

**Newmont Mining Co**
**Cripple Creek & Victor Gold Mining Co**

## Groundwater Sampling Log

**Location :** Squaw Gulch
**Technician:** A. Barela
**Static Water Level (DTW):** —
**Is well Dry?** Yes
**If so Dry at:** 25ft

**Date:** 10/3/23
**Quarter:** 4
**Well ID:** SGMW-5
**Well Depth (TD):** 256 feet

| Time | Depth to Water (ft) | Drawdown (ft) | pH (S.U.) | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|---|---|
| 12:43 | | | | | | DRY |
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**Sample Method:** —
**Rate (gpm):** —
** Flow rate at stabilization (during sample collection)*
**Time Start:** —
**Time End:** —

| Final Parameters | Stabilization Guidance | | Met? | Comments |
|---|---|---|---|---|
| pH | | 0.1 | Y / N | |
| Conductivity | | 3% | Y / N | |
| Temp© | | 3% | Y / N | |
| DTW Stabilized | | feet | Y / N | |
| Final H2O level | | feet | | |

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

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

Decontamination procedure used: USE Sounder

Weather: Clear, Sunny

Signature:

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

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

**Show Calculations:**

**Newmont Mining Co**
**Cripple Creek & Victor Gold Mining Co**

## Groundwater Sampling Log

**Location :** Squaw Gulch **Date:** 10/3/23

**Technician:** P. Barela **Quarter:** 4

**Static Water Level (DTW):** - **Well ID:** SGMW-6A

**Well Depth (TD):** 400

**Is well Dry?** YES **If so Dry at:** 400 **feet**

| Time | Drawdown (ft) | pH (S.U.) | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|---|
| 1:31 | | | | | Dry at 400 Ft |
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**Sample Method:** **Rate (gpm):** **Time Start:** **Time End:**

| Final Parameters | Stabilization Guidance | | Met? | Comments |
|---|---|---|---|---|
| pH | | 0.1 | Y / N | |
| Conductivity | | 3% | Y / N | |
| Temp© | | 10% | Y / N | |
| Final H2O level | | feet | | |

O/G visible: ~~Y / N~~ Turbid? ~~Y / N~~

Equipment Decontaminated: Y / N

Decontamination procedure used: USL Sounder

Weather: Clear, Sunny

Signature:

**Well Volume Calculation:**

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

**For 2" Diameter Well (L):** $V(L) = 0.61778 * h(ft)$ **For 4" Diameter Well (L):** $V(L) = 2.471 * h(ft)$

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

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

**Conversions:**

$1ft^3 = 7.48\ gal$

$1gal = 3.785\ L$

**Show Calculations:**

**Newmont Mining Co**
**Cripple Creek & Victor Gold Mining Co**

## Groundwater Sampling Log

**Location :** Squaw Gulch
**Technician:** P. Barela
**Static Water Level (DTW):** 18
**Is well Dry?** NO
**If so Dry at:** —
**Date:** 10/3/23
**Quarter:** 4
**Well ID:** SGMW-6B
**Well Depth (TD):** 60 feet

| Time | Depth to Water (ft) | Drawdown (ft) | pH (S.U.) | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|---|---|
| 11:32 | | | 5.35 | 2797 | 10.1 | started Pumping (97) |
| 11:37 | 18.3 | 0.3 | 5.33 | 2799 | 10.9 | |
| 11:42 | 18.6 | 0.3 | 5.35 | 2803 | 11.9 | .46 L/M |
| 11:47 | 18.6 | 0 | 5.33 | 2800 | 12.0 | |
| 11:52 | 18.7 | 0.1 | 5.34 | 2807 | 12.3 | |
| 11:57 | 18.7 | 0 | 5.35 | 2797 | 12.4 | |

**Sample Method:** Low Flow
**Rate (gpm):** ~0.12 ** Flow rate at stabilization (during sample collection)*
**Time Start:** 11:32 **Time End:** 11:57

| Final Parameters | Stabilization Guidance | | Met? | Comments |
|---|---|---|---|---|
| pH | 5.35 | 0.1 | Y / N | |
| Conductivity | 2797 | 3% | Y / N | |
| Temp© | 12.4 | 3% | Y / N | |
| DTW Stabilized | 18.7 | feet | Y / N | |
| Final H2O level | 18.7 | feet | | |

If Low Flow Method: Drawdown greater than 0.33 ft? Y / (N) If yes, required pump vol (gal): 0.84 Actual vol. pumped (gal) ~1.8
** See Field Volume Guide* following stabilization

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

Decontamination procedure used: Dedicated Pump

Weather: Clear, windy

Signature:

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

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

**Show Calculations:**

**Newmont Mining Co**
**Cripple Creek & Victor Gold Mining Co**

## Groundwater Sampling Log

**Location :** Squaw Gulch **Date:** 10/3/23

**Technician:** P. Barela **Quarter:** 4

**Static Water Level (DTW):** — **Well ID:** SGMW-7A

**Well Depth (TD):** 400 feet

**Is well Dry?** yes **If so Dry at:** 400

| Time | Drawdown (ft) | pH (S.U.) | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|---|
| 12:58 | | | | | Dry at 400 |
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**Sample Method:** **Rate (gpm):** **Time Start:** **Time End:**

| Final Parameters | Stabilization Guidance | | Met? | Comments |
|---|---|---|---|---|
| pH | | 0.1 | Y / N | |
| Conductivity | | 3% | Y / N | |
| Temp© | | 10% | Y / N | |
| Final H2O level | | feet | | |

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

Equipment Decontaminated: Y / N

Decontamination procedure used: use sounder

Weather: Clear, sunny

Signature:

**Well Volume Calculation:**

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

**For 2" Diameter Well (L):** $V(L) = 0.61778 * h(ft)$ **For 4" Diameter Well (L):** $V(L) = 2.471 * h(ft)$

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

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

**Conversions:**

$1ft^3 = 7.48\ gal$

$1gal = 3.785\ L$

**Show Calculations:**

**Newmont Mining Co**
**Cripple Creek & Victor Gold Mining Co**

## Groundwater Sampling Log

**Location :** Squaw Gulch **Date:** 10/3/23

**Technician:** P. Barela **Quarter:** 4

**Static Water Level (DTW):** 58 **Well ID:** SGMW-7B

**Well Depth (TD):** 60

**Is well Dry?** NO **If so Dry at:** — **feet**

| Time | Drawdown (ft) | pH (S.U.) | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|---|
| 1:01 | | | | | Insufficient |
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**Sample Method:** **Rate (gpm):** **Time Start:** **Time End:**

| Final Parameters | Stabilization Guidance | | Met? | Comments |
|---|---|---|---|---|
| pH | | 0.1 | Y / N | |
| Conductivity | | 3% | Y / N | |
| Temp© | | 10% | Y / N | |
| Final H2O level | | feet | | |

O/G visible: ~~Y / N~~ Turbid? ~~Y / N~~

Equipment Decontaminated: Y ~~/ N~~

Decontamination procedure used: use sounder

Weather: clear, sunny

Signature:

**Well Volume Calculation:**

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

**For 2" Diameter Well (L):** $V(L) = 0.61778 * h(ft)$ **For 4" Diameter Well (L):** $V(L) = 2.471 * h(ft)$

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

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

**Conversions:**

$1ft^3 = 7.48\ gal$

$1gal = 3.785\ L$

**Show Calculations:**

**Newmont Mining Co**
**Cripple Creek & Victor Gold Mining Co**

## Groundwater Sampling Log

**Location :** Squaw Gulch **Date:** 10/3/23

**Technician:** P. Barela **Quarter:** 4

**Static Water Level (DTW):** 214 **Well ID:** SGMW-8

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

| Time | Drawdown (ft) | pH (S.U.) | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|---|
| 1:12 | | | | | Insufficient |
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**Sample Method:** _____ **Rate (gpm):** _____ **Time Start:** _____ **Time End:** _____

| Final Parameters | Stabilization Guidance | | Met? | Comments |
|---|---|---|---|---|
| pH | | 0.1 | Y / N | |
| Conductivity | | 3% | Y / N | |
| Temp© | | 10% | Y / N | |
| Final H2O level | | feet | | |

O/G visible: ~~Y / N~~ Turbid? ~~Y / N~~

Equipment Decontaminated: Y ~~/ N~~

Decontamination procedure used: use sounder

Weather: Clear, sunny

Signature: [signature]

**Well Volume Calculation:**

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

**For 2" Diameter Well (L):** $V(L) = 0.61778 * h(ft)$ **For 4" Diameter Well (L):** $V(L) = 2.471 * h(ft)$

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

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

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

**Show Calculations:**

**Newmont Mining Co**
**Cripple Creek & Victor Gold Mining Co**

## Groundwater Sampling Log

**Location :** Vindicator valley
**Technician:** P. Barela
**Static Water Level (DTW):** 251.6

**Date:** 11-2-23
**Quarter:** 4
**Well ID:** VIN-2A
**Well Depth (TD):** 270 feet

**Is well Dry?** _____ **If so Dry at:** _____

| Time | Depth to Water (ft) | Drawdown (ft) | pH (S.U.) | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|---|---|
| 11:14 | | | 7.31 | 1277 | 8.1 | started pumping |
| 11:19 | 251.7 | 0.1 | 7.38 | 1277 | 7.3 | |
| 11:24 | 252.1 | 0.4 | 7.50 | 1277 | 7.5 | 0.3 gpm |
| 11:29 | 252.1 | 0 | 7.58 | 1271 | 7.5 | |
| 11:34 | 252.1 | 0 | 7.62 | 1270 | 7.9 | |
| 11:39 | 252.2 | 0.1 | 7.65 | 1275 | 7.9 | |
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**Sample Method:** Low Flow **Rate (gpm):** ~ 1.13 **Time Start:** 11:14 **Time End:** 11:39
** Flow rate at stabilization (during sample collection)*

| Final Parameters | Stabilization Guidance | | Met? | Comments |
|---|---|---|---|---|
| pH | 7.65 | 0.1 | Y / N | |
| Conductivity | 1275 | 3% | Y / N | |
| Temp© | 7.9 | 3% | Y / N | |
| DTW Stabilized | 252.2 | feet | Y / N | |
| Final H2O level | 252.2 | feet | | |

If Low Flow Method: Drawdown greater than 0.33 ft? (Y) / N If yes, required pump vol (gal) following stabilization: 1.85 Actual vol. pumped (gal): 16.95
** See Field Volume Guide*

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

Decontamination procedure used: Dedicated Pump

Weather: Sunny, windy

Signature: [signature]

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

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

**Show Calculations:**

**Newmont Mining Co**
**Cripple Creek & Victor Gold Mining Co**

## Groundwater Sampling Log

**Location :** vindicator valley
**Technician:** P. Barela
**Static Water Level (DTW):** 86.8
**Is well Dry?** NO
**If so Dry at:** —

**Date:** 11-2-23
**Quarter:** 4
**Well ID:** VIN-2B
**Well Depth (TD):** 140 feet

| Time | Depth to Water (ft) | Drawdown (ft) | pH (S.U.) | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|---|---|
| 8:27 | | * | 7.01 | 1325 | 6.8 | started pumping |
| 8:36 | | | | | | Dry at 140 ft |
| | | | | | | |
| | | | | | | |
| 12:17 | 98.9 | | 7.83 | 1326 | 7.5 | collected sample |

**Sample Method:** Purge & return
**Rate (gpm):** — * Flow rate at stabilization (during sample collection)
**Time Start:** 8:27 **Time End:** 12:17

| Final Parameters | Stabilization Guidance | | Met? | Comments |
|---|---|---|---|---|
| pH | 7.83 | 0.1 | Y / N | |
| Conductivity | 1326 | 3% | Y / N | |
| Temp© | 7.5 | 3% | Y / N | |
| DTW Stabilized | 98.9 | feet | Y / N | |
| Final H2O level | 98.9 | feet | | |

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

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

Decontamination procedure used: Dedicated Pump

Weather: sunny, windy

Signature:

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

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

**Show Calculations:**

**Newmont Mining Co**
**Cripple Creek & Victor Gold Mining Co**

## Groundwater Sampling Log

**Location :** Wilson Creek
**Technician:** P. Burela
**Static Water Level (DTW):** 60.3
**Is well Dry?** NO
**If so Dry at:** —

**Date:** 10/26/23
**Quarter:** 4
**Well ID:** WCMW-3
**Well Depth (TD):** 134 feet

| Time | Depth to Water (ft) | Drawdown (ft) | pH (S.U.) | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|---|---|
| 8:19 | | | 7.33 | 424.2 | 7.0 | started Pumping |
| 8:24 | 61 | 0.7 | 7.58 | 427.9 | 6.9 | |
| 8:29 | 61 | 0 | 7.64 | 430.0 | 6.9 | 0.27 L/M (44) |
| 8:34 | 61 | 0 | 7.65 | 430.4 | 7.1 | |
| 8:39 | 61 | 0 | 7.67 | 430.3 | 7.1 | |
| 8:44 | 61 | 0 | 7.65 | 430.0 | 7.1 | |

**Sample Method:** Low Flow
**Rate (gpm):** ~0.07 * Flow rate at stabilization (during sample collection)
**Time Start:** 8:19 **Time End:** 8:44

| Final Parameters | Stabilization Guidance | | Met? | Comments |
|---|---|---|---|---|
| pH | 7.65 | 0.1 | Y / N | |
| Conductivity | 430.0 | 3% | Y / N | |
| Temp© | 7.1 | 3% | Y / N | |
| DTW Stabilized | 61 | feet | Y / N | |
| Final H2O level | 61 | feet | | |

If Low Flow Method: Drawdown greater than 0.33 ft? (Y) / N
* See Field Volume Guide
If yes, required pump vol (gal) following stabilization: 0.81
Actual vol. pumped (gal): 1.05

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

Decontamination procedure used: Triple rinse w/ liquinox before sampling

Weather: clear, cold
Signature:

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

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

**Show Calculations:**

**Newmont Mining Co**
**Cripple Creek & Victor Gold Mining Co**

## Groundwater Sampling Log

**Location :** Wilson Creek
**Technician:** R. Barelli
**Static Water Level (DTW):** —
**Is well Dry?** —
**If so Dry at:** _____ feet

**Date:** 10/26/23
**Quarter:** 4
**Well ID:** WCMW-h
**Well Depth (TD):** 234'

| Time | Depth to Water (ft) | Drawdown (ft) | pH (S.U.) | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|---|---|
| 2:00 | | | | | | |
| | | | | | | Road to sampling |
| | | | | | | location is washed |
| | | | | | | out and not safe |
| | | | | | | to travel |

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

| Final Parameters | Stabilization Guidance | | Met? | Comments |
|---|---|---|---|---|
| pH | | 0.1 | Y / N | |
| Conductivity | | 3% | Y / N | |
| Temp© | | 3% | Y / N | |
| DTW Stabilized | | feet | Y / N | |
| Final H2O level | | feet | | |

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

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

Decontamination procedure used: _____

Weather: _____

Signature: _____

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

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

**Show Calculations:**

Newmont Mining Co

Cripple Creek & Victor Gold Mining Co

# Surface Water Sampling Log

Location: CCVB-1004

Date: 10/4/23

Technician: P. Barela

Quarter: 4

| Time | pH (S.U.) | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|
| 2:15 | 5.68 | 1.16 | 18.0 | DI water |

Sample Method: Grab

Oil/Gas visible [Y / N]

Turbid [Y / N]

Clear [Y / N]

Weather: —

Signature:

Comments:

Trip blank

**Newmont Mining Co**
**Cripple Creek & Victor Gold Mining Co**

## Groundwater Sampling Log

**Location :** Arequa Gulch
**Technician:** P. Barela
**Static Water Level (DTW):** 28
**Is well Dry?** NO
**If so Dry at:** —

**Date:** 10/3/23
**Quarter:** 4
**Well ID:** CBMW-105C
**Well Depth (TD):** 60 feet

| Time | Depth to Water (ft) | Drawdown (ft) | pH (S.U.) | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|---|---|
| 10:02 | 28.7 | 0 | 6.75 | 201.6 | 8.6 | DUPICATE OF CBMW-5C |
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**Sample Method:** Low Flow
**Rate (gpm):** _____ * Flow rate at stabilization (during sample collection)
**Time Start:** 9:37 **Time End:** 10:02

| Final Parameters | Stabilization Guidance | | Met? | Comments |
|---|---|---|---|---|
| pH | | 0.1 | Y / N | |
| Conductivity | | 3% | Y / N | |
| Temp© | | 3% | Y / N | |
| DTW Stabilized | | feet | Y / N | |
| Final H2O level | | feet | | |

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

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

Weather: cold, clear
Signature:

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

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

**Show Calculations:**

Newmont Mining Co

Cripple Creek & Victor Gold Mining Co

## Surface Water Sampling Log

Location: BB1-1004

Date: 10/4/23

Technician: J. Barila

Quarter: 4

| Time | pH (S.U.) | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|
| 8:50 | 7.77 | 3.93 | 12.6 | DI water |

Sample Method: Grab

Oil/Gas visible [Y / (N)]

Turbid [Y / (N)]

Clear [(Y) / N]

Weather: clear, sunny

Signature:

Comments:

Rinse blank was collected before sampling

PRMW - 3

Newmont Mining Co

Cripple Creek & Victor Gold Mining Co

# Surface Water Sampling Log

Location: BB2-1004

Date: 10/4/23

Technician: J. Barela

Quarter: 4

| Time | pH (S.U.) | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|
| 9:45 | 6.00 | 1.66 | 12.0 | DI water |

Sample Method: Grab

Oil/Gas visible [Y / (N)]

Turbid [Y / (N)]

Clear [(Y) / N]

Weather: Clear, Sunny

Signature:

Comments:

Collected rinse blank before sampling

PAMW-5

**Newmont Mining Co**
**Cripple Creek & Victor Gold Mining Co**

## Groundwater Sampling Log

**Location :** Squaw Gulch
**Technician:** J. Barela
**Static Water Level (DTW):** 18
**Is well Dry?** NO
**If so Dry at:** —

**Date:** 10/3/23
**Quarter:** 4
**Well ID:** SGMW-106B
**Well Depth (TD):** 60 feet

| Time | Depth to Water (ft) | Drawdown (ft) | pH (S.U.) | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|---|---|
| 11:57 | 18.7 | 0 | 5.35 | 2797 | 12.41 | Duplicate of SGMW-6B |
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**Sample Method:** Low Flo **Rate (gpm):** 20.12 ** Flow rate at stabilization (during sample collection)* **Time Start:** 11:32 **Time End:** 11:57

| Final Parameters | Stabilization Guidance | | Met? | Comments |
|---|---|---|---|---|
| pH | | 0.1 | Y / N | |
| Conductivity | | 3% | Y / N | |
| Temp© | | 3% | Y / N | |
| DTW Stabilized | | feet | Y / N | |
| Final H2O level | | feet | | |

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

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

Decontamination procedure used: dedicated Pump

Weather: clear, windy
Signature:

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

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

**Show Calculations:**

Newmont Mining Co

Cripple Creek & Victor Gold Mining Co

# Surface Water Sampling Log

Location : AG-2.0

Date: 10/3/23

Technician: P. Burella

Quarter: 4

| Time | pH (S.U.) | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|
| 8:20 | 7.29 | 134.8 | 8.7 | 5.3 x 100 530 GPM |

Sample Method: Grab

Oil/Gas visible [Y / N]

Turbid [Y / N]

Clear [Y / N]

Weather: Clear, cold

Signature:

Comments:

Newmont Mining Co

Cripple Creek & Victor Gold Mining Co

# Surface Water Sampling Log

Location : GV-02

Date: 10/4/23

Technician: P. Barela

Quarter: 4

| Time | pH (S.U.) | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|
| 1:47 | / | / | / | NO FLOW |

Sample Method: /

Oil/Gas visible [Y / N]

Turbid [Y / N]

Clear [Y / N]

Weather: Sunny, Clear

Signature:

Comments:

Newmont Mining Co

Cripple Creek & Victor Gold Mining Co

# Surface Water Sampling Log

Location : GV-03

Date: 10/4/23

Technician: P. Barela

Quarter: 4

| Time | pH (S.U.) | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|
| 1:42 PM | | | | NO FLOW |

Sample Method: —

Oil/Gas visible [Y / N]

Turbid [Y / N]

Clear [Y / N]

Weather: Clear, sunny

Signature:

Comments:

Newmont Mining Co

Cripple Creek & Victor Gold Mining Co

# Surface Water Sampling Log

Location : T-2

Date: 10/4/23

Technician: P. Barela

Quarter: 4

| Time | pH (S.U.) | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|
| 2:00 | / | / | / | NO Flow |

Sample Method: —

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

Turbid [Y / ~~N~~]

Clear [Y / ~~N~~]

Weather: Clear, sunny

Signature:

Comments:

Newmont Mining Co

Cripple Creek & Victor Gold Mining Co

# Surface Water Sampling Log

Location : WCSW-01

Date: 10/26/23

Technician: P. Barela

Quarter: 4

| Time | pH (S.U.) | Cond. (uS/cm) | Temp. (°C) | Notes |
|---|---|---|---|---|
| 2:00 | | | | |

Sample Method: Grab

Oil/Gas visible [Y / N]

Turbid [Y / N]

Clear [Y / N]

Weather: —

Signature:

Comments:

Road to sampling location is washed out and not safe to travel on

Newmont
NORTH AMERICA

Cripple Creek & Victor
Gold Mining Company
100 North 3rd Street
P.O. Box 191
Victor, Colorado 80860

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newmont.com

# Groundwater

**Newmont USA Limited**

**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244**

**SAMPLE LOCATION :** **CRMW 3A-35** **Collar Elv (ft) :** **N/A** **Reporting Period** **2023 4th Qtr**

***Results of Profile / Analyses***

| Description | Standards | 4th Qtr |
|---|---|---|
| Name of Certified Lab | (mg/L)* | SVL Analytical, Inc. |
| Lab Reference # | - | X3J0478-03 |
| Sample Date | - | 10/26/2023 |
| Lab Test Date | - | 11/17/2023 |
| Sampled By | - | PB |

| | | |
|---|---|---|
| Aluminium - Dissolved (mg/L) | 7.0000 | <0.080 |
| Ammonia (mg/L) | --- | 0.338 |
| Antimony - Dissolved (mg/L) | 0.0060 | <0.00100 |
| Arsenic - Dissolved (mg/L) | 0.0100 | 0.00159 |
| Barium - Dissolved (mg/L) | 2.0000 | 0.0369 |
| Beryllium - Dissolved (mg/L) | 0.0040 | <0.00200 |
| Boron - Dissolved (mg/L) | 0.7500 | 0.0989 |
| Cadmium - Dissolved (mg/L) | 0.0050 | <0.0020 |
| Chloride - Total (mg/L) | --- | 241 |
| Chromium - Dissolved (mg/L) | 0.1000 | <0.0060 |
| Cobalt - Dissolved (mg/L) | 0.0500 | 0.0257 |
| Copper - Dissolved (mg/L) | 0.2000 | <0.0100 |
| Cyanide - Free (mg/L) | 0.2000 | <0.0050 |
| Cyanide - Total (mg/L) | --- | <0.0050 |
| Cyanide - WAD (mg/L) | 0.2000 | <0.0050 |
| Fluoride - Total F (mg/L) | 2.0000 | 3.04 |
| Iron - Dissolved (mg/L) | 14.0000 | 1.28 |
| Lead - Dissolved (mg/L) | 0.0500 | <0.0075 |
| Lithium - Dissolved (mg/L) | 2.5000 | 0.143 |
| Manganese - Dissolved (mg/L) | 3.0000 | 0.131 |
| Mercury - Dissolved (mg/L) | 0.00200000 | <0.000200 |
| Molybdenum - Dissolved (mg/L) | 0.2100 | 0.0510 |
| Nickel - Dissolved (mg/L) | 0.2000 | <0.0100 |
| Nitrate as Nitrogen (mg/L) | 10.0000 | 3.33 |
| Nitrite + Nitrate as Nitrogen (mg/L) | 11.0000 | 3.33 |
| Nitrite as Nitrogen (mg/L) | 1.0000 | <0.050 |
| pH Field (pH unit) | 6.00-8.50 | 6.58 |
| Selenium - Dissolved (mg/L) | 0.0240 | <0.00100 |
| Silver - Dissolved (mg/L) | 0.0500 | <0.0050 |
| Sodium - Dissolved (mg/L) | --- | 98.0 |
| Sulfate - Total (mg/L) | 250.00 | 831 |
| Thallium - Dissolved (mg/L) | 0.0020 | <0.00200 |
| Total Dissolved Solids (mg/L) | --- | 1600 |
| Uranium - Dissolved (mg/L) | 0.0300 | 0.00892 |
| Vanadium - Dissolved (mg/L) | 0.1000 | <0.0050 |
| Zinc - Dissolved (mg/L) | 2.0000 | <0.0100 |

* Standard is for Reference Only

**Newmont USA Limited**

**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244**

**SAMPLE LOCATION :** **CRMW 3B-63** **Collar Elv (ft) :** **N/A** **Reporting Period** **2023 4th Qtr**

***Results of Profile / Analyses***

| Description | Standards | 4th Qtr |
|---|---|---|
| Name of Certified Lab | (mg/L)* | SVL Analytical, Inc. |
| Lab Reference # | - | X3K0428-01 |
| Sample Date | - | 11/28/2023 |
| Lab Test Date | - | 12/27/2023 |
| Sampled By | - | PB |

| | | |
|---|---|---|
| Aluminium - Dissolved (mg/L) | 7.0000 | <0.080 |
| Ammonia (mg/L) | --- | <0.030 |
| Antimony - Dissolved (mg/L) | 0.0060 | <0.00100 |
| Arsenic - Dissolved (mg/L) | 0.0100 | <0.00100 |
| Barium - Dissolved (mg/L) | 2.0000 | 0.0145 |
| Beryllium - Dissolved (mg/L) | 0.0040 | <0.00200 |
| Boron - Dissolved (mg/L) | 0.7500 | 0.0834 |
| Cadmium - Dissolved (mg/L) | 0.0050 | <0.0020 |
| Chloride - Total (mg/L) | --- | 281 |
| Chromium - Dissolved (mg/L) | 0.1000 | <0.0060 |
| Cobalt - Dissolved (mg/L) | 0.0500 | 0.0263 |
| Copper - Dissolved (mg/L) | 0.2000 | <0.0100 |
| Cyanide - Free (mg/L) | 0.2000 | <0.0050 |
| Cyanide - Total (mg/L) | --- | <0.0050 |
| Cyanide - WAD (mg/L) | 0.2000 | <0.0050 |
| Fluoride - Total F (mg/L) | 2.0000 | 3.05 |
| Iron - Dissolved (mg/L) | 14.0000 | <0.100 |
| Lead - Dissolved (mg/L) | 0.0500 | <0.0075 |
| Lithium - Dissolved (mg/L) | 2.5000 | 0.112 |
| Manganese - Dissolved (mg/L) | 8.1000 | 2.95 |
| Mercury - Dissolved (mg/L) | 0.00200000 | <0.000200 |
| Molybdenum - Dissolved (mg/L) | 0.2100 | <0.0080 |
| Nickel - Dissolved (mg/L) | 0.2000 | <0.0100 |
| Nitrate as Nitrogen (mg/L) | 10.0000 | 0.079 |
| Nitrite + Nitrate as Nitrogen (mg/L) | 11.0000 | 0.230 |
| Nitrite as Nitrogen (mg/L) | 1.0000 | <0.050 |
| pH Field (pH unit) | 6.00-9.00 | 6.87 |
| Selenium - Dissolved (mg/L) | 0.0240 | <0.00100 |
| Silver - Dissolved (mg/L) | 0.0500 | <0.0050 |
| Sodium - Dissolved (mg/L) | --- | 100 |
| Sulfate - Total (mg/L) | 1070.00 | 852 |
| Thallium - Dissolved (mg/L) | 0.0020 | <0.000200 |
| Total Dissolved Solids (mg/L) | --- | 1740 |
| Uranium - Dissolved (mg/L) | 0.0300 | 0.0274 |
| Vanadium - Dissolved (mg/L) | 0.1000 | <0.0050 |
| Zinc - Dissolved (mg/L) | 2.0000 | 0.0763 |

* Standard is for Reference Only

**Newmont USA Limited**

**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244**

**SAMPLE LOCATION :** **CRMW 3C-124** **Collar Elv (ft) :** **N/A** **Reporting Period** **2023 4th Qtr**

***Results of Profile / Analyses***

| Description | Standards | 4th Qtr |
|---|---|---|
| Name of Certified Lab | (mg/L)* | SVL Analytical, Inc. |
| Lab Reference # | - | X3L0139-01 |
| Sample Date | - | 12/7/2023 |
| Lab Test Date | - | 1/5/2024 |
| Sampled By | - | PB |

| | | |
|---|---|---|
| Aluminium - Dissolved (mg/L) | 7.0000 | <0.080 |
| Ammonia (mg/L) | --- | <0.030 |
| Antimony - Dissolved (mg/L) | 0.0060 | 0.00101 |
| Arsenic - Dissolved (mg/L) | 0.0100 | <0.00100 |
| Barium - Dissolved (mg/L) | 2.0000 | 0.0122 |
| Beryllium - Dissolved (mg/L) | 0.0040 | <0.00200 |
| Boron - Dissolved (mg/L) | 0.7500 | 0.0695 |
| Cadmium - Dissolved (mg/L) | 0.0050 | <0.0020 |
| Chloride - Total (mg/L) | --- | 270 |
| Chromium - Dissolved (mg/L) | 0.1000 | <0.0060 |
| Cobalt - Dissolved (mg/L) | 0.0500 | 0.0300 |
| Copper - Dissolved (mg/L) | 0.2000 | <0.0100 |
| Cyanide - Free (mg/L) | 0.2000 | <0.0050 |
| Cyanide - Total (mg/L) | --- | <0.0050 |
| Cyanide - WAD (mg/L) | 0.2000 | <0.0050 |
| Fluoride - Total F (mg/L) | 2.0000 | 2.62 |
| Iron - Dissolved (mg/L) | 14.0000 | <0.100 |
| Lead - Dissolved (mg/L) | 0.0500 | <0.0075 |
| Lithium - Dissolved (mg/L) | 2.5000 | 0.185 |
| Manganese - Dissolved (mg/L) | 3.0000 | 7.65 |
| Mercury - Dissolved (mg/L) | 0.00200000 | <0.000200 |
| Molybdenum - Dissolved (mg/L) | 0.2100 | 0.0187 |
| Nickel - Dissolved (mg/L) | 0.2000 | <0.0100 |
| Nitrate as Nitrogen (mg/L) | 10.0000 | <0.050 |
| Nitrite + Nitrate as Nitrogen (mg/L) | 11.0000 | <0.100 |
| Nitrite as Nitrogen (mg/L) | 1.0000 | <0.050 |
| pH Field (pH unit) | 6.00-8.50 | 7.21 |
| Selenium - Dissolved (mg/L) | 0.0240 | <0.00100 |
| Silver - Dissolved (mg/L) | 0.0500 | <0.0050 |
| Sodium - Dissolved (mg/L) | --- | 85.8 |
| Sulfate - Total (mg/L) | 250.00 | 811 |
| Thallium - Dissolved (mg/L) | 0.0020 | <0.000200 |
| Total Dissolved Solids (mg/L) | --- | 1680 |
| Uranium - Dissolved (mg/L) | 0.0300 | 0.0274 |
| Vanadium - Dissolved (mg/L) | 0.1000 | <0.0050 |
| Zinc - Dissolved (mg/L) | 2.0000 | 0.0196 |

* Standard is for Reference Only

**Newmont USA Limited**

**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244**

**SAMPLE LOCATION :** **CRMW 5B-143** **Collar Elv (ft) :** **N/A** **Reporting Period** **2023 4th Qtr**

***Results of Profile / Analyses***

| Description | Standards | 4th Qtr |
|---|---|---|
| Name of Certified Lab | (mg/L)* | SVL Analytical, Inc. |
| Lab Reference # | - | X3J0097-02 |
| Sample Date | - | 10/3/2023 |
| Lab Test Date | - | 10/18/2023 |
| Sampled By | - | PB |

| | | |
|---|---|---|
| Aluminium - Dissolved (mg/L) | 7.0000 | <0.080 |
| Ammonia (mg/L) | --- | <0.030 |
| Antimony - Dissolved (mg/L) | 0.0060 | <0.00100 |
| Arsenic - Dissolved (mg/L) | 0.0100 | <0.00100 |
| Barium - Dissolved (mg/L) | 2.0000 | 0.0051 |
| Beryllium - Dissolved (mg/L) | 0.0040 | <0.00200 |
| Boron - Dissolved (mg/L) | 0.7500 | <0.0400 |
| Cadmium - Dissolved (mg/L) | 0.0050 | <0.0020 |
| Chloride - Total (mg/L) | --- | 9.75 |
| Chromium - Dissolved (mg/L) | 0.1000 | <0.0060 |
| Cobalt - Dissolved (mg/L) | 0.0500 | <0.0060 |
| Copper - Dissolved (mg/L) | 0.2000 | <0.0100 |
| Cyanide - Free (mg/L) | 0.2000 | <0.0050 |
| Cyanide - Total (mg/L) | --- | <0.0050 |
| Cyanide - WAD (mg/L) | 0.2000 | <0.0050 |
| Fluoride - Total F (mg/L) | 2.0000 | 2.69 |
| Iron - Dissolved (mg/L) | 14.0000 | <0.100 |
| Lead - Dissolved (mg/L) | 0.0500 | <0.0075 |
| Lithium - Dissolved (mg/L) | 2.5000 | <0.040 |
| Manganese - Dissolved (mg/L) | 3.0000 | <0.0080 |
| Mercury - Dissolved (mg/L) | 0.00200000 | <0.000200 |
| Molybdenum - Dissolved (mg/L) | 0.2100 | <0.0080 |
| Nickel - Dissolved (mg/L) | 0.2000 | <0.0100 |
| Nitrate as Nitrogen (mg/L) | 10.0000 | 0.103 |
| Nitrite + Nitrate as Nitrogen (mg/L) | 11.0000 | 0.103 |
| Nitrite as Nitrogen (mg/L) | 1.0000 | <0.050 |
| pH Field (pH unit) | 6.00-8.50 | 7.40 |
| Selenium - Dissolved (mg/L) | 0.0240 | 0.00112 |
| Silver - Dissolved (mg/L) | 0.0500 | <0.0050 |
| Sodium - Dissolved (mg/L) | --- | 8.22 |
| Sulfate - Total (mg/L) | 250.00 | 33.4 |
| Thallium - Dissolved (mg/L) | 0.0020 | <0.000200 |
| Total Dissolved Solids (mg/L) | --- | 178 |
| Uranium - Dissolved (mg/L) | 0.0300 | 0.00388 |
| Vanadium - Dissolved (mg/L) | 0.1000 | <0.0050 |
| Zinc - Dissolved (mg/L) | 2.0000 | <0.0100 |

* Standard is for Reference Only

**Newmont USA Limited**

**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244**

**SAMPLE LOCATION :** **CRMW 5C-60** **Collar Elv (ft) :** **N/A** **Reporting Period** **2023 4th Qtr**

***Results of Profile / Analyses***

| Description | Standards | 4th Qtr |
|---|---|---|
| Name of Certified Lab | (mg/L)* | SVL Analytical, Inc. |
| Lab Reference # | - | X3J0097-03 |
| Sample Date | - | 10/3/2023 |
| Lab Test Date | - | 10/18/2023 |
| Sampled By | - | PB |

| | | |
|---|---|---|
| Aluminium - Dissolved (mg/L) | 7.0000 | <0.080 |
| Ammonia (mg/L) | --- | <0.030 |
| Antimony - Dissolved (mg/L) | 0.0060 | <0.00100 |
| Arsenic - Dissolved (mg/L) | 0.0100 | <0.00100 |
| Barium - Dissolved (mg/L) | 2.0000 | 0.0078 |
| Beryllium - Dissolved (mg/L) | 0.0040 | <0.00200 |
| Boron - Dissolved (mg/L) | 0.7500 | <0.0400 |
| Cadmium - Dissolved (mg/L) | 0.0050 | <0.0020 |
| Chloride - Total (mg/L) | --- | 10.1 |
| Chromium - Dissolved (mg/L) | 0.1000 | <0.0060 |
| Cobalt - Dissolved (mg/L) | 0.0500 | <0.0060 |
| Copper - Dissolved (mg/L) | 0.2000 | <0.0100 |
| Cyanide - Free (mg/L) | 0.2000 | <0.0050 |
| Cyanide - Total (mg/L) | --- | <0.0050 |
| Cyanide - WAD (mg/L) | 0.2000 | <0.0050 |
| Fluoride - Total F (mg/L) | 2.0000 | 2.73 |
| Iron - Dissolved (mg/L) | 14.0000 | <0.100 |
| Lead - Dissolved (mg/L) | 0.0500 | <0.0075 |
| Lithium - Dissolved (mg/L) | 2.5000 | <0.040 |
| Manganese - Dissolved (mg/L) | 3.0000 | <0.0080 |
| Mercury - Dissolved (mg/L) | 0.00200000 | <0.000200 |
| Molybdenum - Dissolved (mg/L) | 0.2100 | <0.0080 |
| Nickel - Dissolved (mg/L) | 0.2000 | <0.0100 |
| Nitrate as Nitrogen (mg/L) | 10.0000 | 0.097 |
| Nitrite + Nitrate as Nitrogen (mg/L) | 11.0000 | <0.100 |
| Nitrite as Nitrogen (mg/L) | 1.0000 | <0.050 |
| pH Field (pH unit) | 6.00-8.50 | 6.75 |
| Selenium - Dissolved (mg/L) | 0.0240 | 0.00110 |
| Silver - Dissolved (mg/L) | 0.0500 | <0.0050 |
| Sodium - Dissolved (mg/L) | --- | 8.16 |
| Sulfate - Total (mg/L) | 250.00 | 33.4 |
| Thallium - Dissolved (mg/L) | 0.0020 | <0.000200 |
| Total Dissolved Solids (mg/L) | --- | 105 |
| Uranium - Dissolved (mg/L) | 0.0300 | 0.000359 |
| Vanadium - Dissolved (mg/L) | 0.1000 | <0.0050 |
| Zinc - Dissolved (mg/L) | 2.0000 | <0.0100 |

* Standard is for Reference Only

**Newmont USA Limited**

**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244**

**SAMPLE LOCATION :** **CRMW 5D-27** **Collar Elv (ft) :** **N/A** **Reporting Period** **2023 4th Qtr**

***Results of Profile / Analyses***

| Description | Standards | 4th Qtr |
|---|---|---|
| Name of Certified Lab | (mg/L)* | SVL Analytical, Inc. |
| Lab Reference # | - | X3J0097-05 |
| Sample Date | - | 10/3/2023 |
| Lab Test Date | - | 10/18/2023 |
| Sampled By | - | PB |

| | | |
|---|---|---|
| Aluminium - Dissolved (mg/L) | 7.0000 | <0.080 |
| Ammonia (mg/L) | --- | <0.030 |
| Antimony - Dissolved (mg/L) | 0.0060 | <0.00100 |
| Arsenic - Dissolved (mg/L) | 0.0100 | <0.00100 |
| Barium - Dissolved (mg/L) | 2.0000 | 0.0694 |
| Beryllium - Dissolved (mg/L) | 0.0040 | <0.00200 |
| Boron - Dissolved (mg/L) | 0.7500 | <0.0400 |
| Cadmium - Dissolved (mg/L) | 0.0050 | <0.0020 |
| Chloride - Total (mg/L) | --- | 12.8 |
| Chromium - Dissolved (mg/L) | 0.1000 | <0.0060 |
| Cobalt - Dissolved (mg/L) | 0.0500 | <0.0060 |
| Copper - Dissolved (mg/L) | 0.2000 | <0.0100 |
| Cyanide - Free (mg/L) | 0.2000 | <0.0050 |
| Cyanide - Total (mg/L) | --- | <0.0050 |
| Cyanide - WAD (mg/L) | 0.2000 | <0.0050 |
| Fluoride - Total F (mg/L) | 2.0000 | 2.78 |
| Iron - Dissolved (mg/L) | 14.0000 | <0.100 |
| Lead - Dissolved (mg/L) | 0.0500 | <0.0075 |
| Lithium - Dissolved (mg/L) | 2.5000 | <0.040 |
| Manganese - Dissolved (mg/L) | 3.0000 | <0.0080 |
| Mercury - Dissolved (mg/L) | 0.00200000 | <0.000200 |
| Molybdenum - Dissolved (mg/L) | 0.2100 | 0.0128 |
| Nickel - Dissolved (mg/L) | 0.2000 | <0.0100 |
| Nitrate as Nitrogen (mg/L) | 10.0000 | 0.074 |
| Nitrite + Nitrate as Nitrogen (mg/L) | 11.0000 | <0.100 |
| Nitrite as Nitrogen (mg/L) | 1.0000 | <0.050 |
| pH Field (pH unit) | 6.00-8.50 | 6.43 |
| Selenium - Dissolved (mg/L) | 0.0240 | 0.00127 |
| Silver - Dissolved (mg/L) | 0.0500 | <0.0050 |
| Sodium - Dissolved (mg/L) | --- | 7.79 |
| Sulfate - Total (mg/L) | 250.00 | 31.6 |
| Thallium - Dissolved (mg/L) | 0.0020 | <0.000200 |
| Total Dissolved Solids (mg/L) | --- | 105 |
| Uranium - Dissolved (mg/L) | 0.0300 | 0.000119 |
| Vanadium - Dissolved (mg/L) | 0.1000 | <0.0050 |
| Zinc - Dissolved (mg/L) | 2.0000 | <0.0100 |

* Standard is for Reference Only

**Newmont USA Limited**

**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244**

**SAMPLE LOCATION :** **ESPMW** **Collar Elv (ft) :** **N/A** **Reporting Period** **2023 4th Qtr**

***Results of Profile / Analyses***

| Description | Standards | 4th Qtr |
|---|---|---|
| Name of Certified Lab | (mg/L)* | SVL Analytical, Inc. |
| Lab Reference # | - | X3J0478-02 |
| Sample Date | - | 10/26/2023 |
| Lab Test Date | - | 11/17/2023 |
| Sampled By | - | PB |

| | | |
|---|---|---|
| Cyanide - WAD (mg/L) | 0.2000 | <0.0050 |
| pH Field (pH unit) | 6.00-8.50 | 7.20 |

* Standard is for Reference Only

**Newmont USA Limited**

**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244**

**SAMPLE LOCATION :** **GVMW 22A-70** **Collar Elv (ft) :** **N/A** **Reporting Period** **2023 4th Qtr**

***Results of Profile / Analyses***

| Description | Standards | 4th Qtr | |
|---|---|---|---|
| Name of Certified Lab | (mg/L)* | SVL Analytical, Inc. | SVL Analytical, Inc. |
| Lab Reference # | - | X3J0239-04 | X3L0112-04 |
| Sample Date | - | 10/11/2023 | 12/6/2023 |
| Lab Test Date | - | 10/25/2023 | 1/8/2024 |
| Sampled By | - | PB | PB |
| Aluminium - Dissolved (mg/L) | 7.0000 | <0.080 | <0.080 |
| Ammonia (mg/L) | --- | <0.030 | <0.030 |
| Antimony - Dissolved (mg/L) | 0.0060 | <0.00100 | <0.00100 |
| Arsenic - Dissolved (mg/L) | 0.0100 | <0.00100 | <0.00100 |
| Barium - Dissolved (mg/L) | 2.0000 | 0.108 | 0.109 |
| Beryllium - Dissolved (mg/L) | 0.0040 | <0.00200 | <0.00200 |
| Boron - Dissolved (mg/L) | 0.7500 | <0.0400 | <0.0400 |
| Cadmium - Dissolved (mg/L) | 0.0050 | <0.0020 | <0.0020 |
| Chloride - Total (mg/L) | --- | 4.03 | 4.11 |
| Chromium - Dissolved (mg/L) | 0.1000 | <0.0060 | <0.0060 |
| Cobalt - Dissolved (mg/L) | 0.0500 | <0.0060 | <0.0060 |
| Copper - Dissolved (mg/L) | 0.2000 | <0.0100 | <0.0100 |
| Cyanide - Free (mg/L) | 0.2000 | <0.0050 | <0.0050 |
| Cyanide - Total (mg/L) | --- | <0.0050 | <0.0050 |
| Cyanide - WAD (mg/L) | 0.2000 | <0.0050 | <0.0050 |
| Fluoride - Total F (mg/L) | 2.0000 | 2.09 | 2.07 |
| Iron - Dissolved (mg/L) | 14.0000 | <0.100 | <0.100 |
| Lead - Dissolved (mg/L) | 0.0500 | <0.0075 | <0.0075 |
| Lithium - Dissolved (mg/L) | 2.5000 | <0.040 | 0.042 |
| Manganese - Dissolved (mg/L) | 3.0000 | 0.0667 | <0.0080 |
| Mercury - Dissolved (mg/L) | 0.00200000 | <0.000200 | <0.000200 |
| Molybdenum - Dissolved (mg/L) | 0.2100 | <0.0080 | <0.0080 |
| Nickel - Dissolved (mg/L) | 0.2000 | <0.0100 | <0.0100 |
| Nitrate as Nitrogen (mg/L) | 10.0000 | <0.050 | <0.050 |
| Nitrite + Nitrate as Nitrogen (mg/L) | 11.0000 | <0.100 | <0.100 |
| Nitrite as Nitrogen (mg/L) | 1.0000 | <0.050 | <0.050 |
| pH Field (pH unit) | 6.00-8.50 | 7.85 | 7.76 |
| Selenium - Dissolved (mg/L) | 0.0240 | <0.00100 | <0.00100 |
| Silver - Dissolved (mg/L) | 0.0500 | <0.0050 | <0.0050 |
| Sodium - Dissolved (mg/L) | --- | 36.4 | 36.3 |
| Sulfate - Total (mg/L) | 250.00 | 37.4 | 37.1 |
| Thallium - Dissolved (mg/L) | 0.0020 | <0.000200 | <0.000200 |
| Total Dissolved Solids (mg/L) | --- | 221 | 259 |
| Uranium - Dissolved (mg/L) | 0.0300 | 0.00384 | 0.00351 |
| Vanadium - Dissolved (mg/L) | 0.1000 | <0.0050 | <0.0050 |
| Zinc - Dissolved (mg/L) | 2.0000 | <0.0100 | <0.0100 |

* Standard is for Reference Only

**Newmont USA Limited**

**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244**

**SAMPLE LOCATION :** **GVMW 22B-30** **Collar Elv (ft) :** **N/A** **Reporting Period** **2023 4th Qtr**

***Results of Profile / Analyses***

| Description | Standards | 4th Qtr | |
|---|---|---|---|
| Name of Certified Lab | (mg/L)* | SVL Analytical, Inc. | SVL Analytical, Inc. |
| Lab Reference # | - | X3J0239-03 | X3L0112-03 |
| Sample Date | - | 10/11/2023 | 12/6/2023 |
| Lab Test Date | - | 10/25/2023 | 1/8/2024 |
| Sampled By | - | PB | PB |
| Aluminium - Dissolved (mg/L) | 7.0000 | <0.080 | <0.080 |
| Ammonia (mg/L) | --- | <0.030 | <0.030 |
| Antimony - Dissolved (mg/L) | 0.0060 | <0.00100 | <0.00200 |
| Arsenic - Dissolved (mg/L) | 0.0100 | <0.00100 | <0.00200 |
| Barium - Dissolved (mg/L) | 2.0000 | 0.0489 | 0.0564 |
| Beryllium - Dissolved (mg/L) | 0.0040 | <0.00200 | <0.00200 |
| Boron - Dissolved (mg/L) | 0.7500 | <0.0400 | <0.0400 |
| Cadmium - Dissolved (mg/L) | 0.0050 | <0.0020 | <0.0020 |
| Chloride - Total (mg/L) | --- | 9.81 | 6.53 |
| Chromium - Dissolved (mg/L) | 0.1000 | <0.0060 | <0.0060 |
| Cobalt - Dissolved (mg/L) | 0.0500 | <0.0060 | <0.0060 |
| Copper - Dissolved (mg/L) | 0.2000 | <0.0100 | <0.0100 |
| Cyanide - Free (mg/L) | 0.2000 | <0.0050 | <0.0050 |
| Cyanide - Total (mg/L) | --- | <0.0050 | <0.0050 |
| Cyanide - WAD (mg/L) | 0.2000 | <0.0050 | <0.0050 |
| Fluoride - Total F (mg/L) | 2.0000 | 0.367 | 0.384 |
| Iron - Dissolved (mg/L) | 14.0000 | <0.100 | <0.100 |
| Lead - Dissolved (mg/L) | 0.0500 | <0.0075 | <0.0075 |
| Lithium - Dissolved (mg/L) | 2.5000 | <0.040 | <0.040 |
| Manganese - Dissolved (mg/L) | 3.0000 | <0.0080 | <0.0080 |
| Mercury - Dissolved (mg/L) | 0.00200000 | <0.000200 | <0.000200 |
| Molybdenum - Dissolved (mg/L) | 0.2100 | <0.0080 | <0.0080 |
| Nickel - Dissolved (mg/L) | 0.2000 | <0.0100 | <0.0100 |
| Nitrate as Nitrogen (mg/L) | 10.0000 | 0.565 | 0.203 |
| Nitrite + Nitrate as Nitrogen (mg/L) | 11.0000 | 0.565 | 0.219 |
| Nitrite as Nitrogen (mg/L) | 1.0000 | <0.050 | <0.050 |
| pH Field (pH unit) | 6.00-8.50 | 6.66 | 6.73 |
| Selenium - Dissolved (mg/L) | 0.0240 | <0.00100 | <0.00200 |
| Silver - Dissolved (mg/L) | 0.0500 | <0.0050 | <0.0050 |
| Sodium - Dissolved (mg/L) | --- | 20.4 | 25.4 |
| Sulfate - Total (mg/L) | 250.00 | 83.8 | 107 |
| Thallium - Dissolved (mg/L) | 0.0020 | <0.000200 | <0.000400 |
| Total Dissolved Solids (mg/L) | --- | 226 | 239 |
| Uranium - Dissolved (mg/L) | 0.0300 | 0.000936 | 0.00145 |
| Vanadium - Dissolved (mg/L) | 0.1000 | <0.0050 | <0.0050 |
| Zinc - Dissolved (mg/L) | 2.0000 | <0.0100 | <0.0100 |

* Standard is for Reference Only

**Newmont USA Limited**

**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244**

**SAMPLE LOCATION :** **GVMW 8A-250** **Collar Elv (ft) :** **N/A** **Reporting Period** **2023 4th Qtr**

***Results of Profile / Analyses***

| Description | Standards | 4th Qtr | |
|---|---|---|---|
| Name of Certified Lab | (mg/L)* | SVL Analytical, Inc. | SVL Analytical, Inc. |
| Lab Reference # | - | X3J0239-02 | X3L0188-02 |
| Sample Date | - | 10/11/2023 | 12/12/2023 |
| Lab Test Date | - | 10/25/2023 | 1/5/2024 |
| Sampled By | - | PB | PB |
| Aluminium - Dissolved (mg/L) | 7.0000 | <0.080 | <0.080 |
| Ammonia (mg/L) | --- | <0.030 | 0.037 |
| Antimony - Dissolved (mg/L) | 0.0060 | <0.00100 | <0.00100 |
| Arsenic - Dissolved (mg/L) | 0.0100 | <0.00100 | <0.00100 |
| Barium - Dissolved (mg/L) | 2.0000 | <0.0020 | <0.0020 |
| Beryllium - Dissolved (mg/L) | 0.0040 | <0.00200 | <0.00200 |
| Boron - Dissolved (mg/L) | 0.7500 | <0.0400 | <0.0400 |
| Cadmium - Dissolved (mg/L) | 0.0050 | <0.0020 | <0.0020 |
| Chloride - Total (mg/L) | --- | 71.1 | 67.9 |
| Chromium - Dissolved (mg/L) | 0.1000 | <0.0060 | <0.0060 |
| Cobalt - Dissolved (mg/L) | 0.0500 | <0.0060 | <0.0060 |
| Copper - Dissolved (mg/L) | 0.2000 | <0.0100 | <0.0100 |
| Cyanide - Free (mg/L) | 0.2000 | <0.0050 | <0.0050 |
| Cyanide - Total (mg/L) | --- | <0.0050 | <0.0050 |
| Cyanide - WAD (mg/L) | 0.2000 | <0.0050 | <0.0050 |
| Fluoride - Total F (mg/L) | 2.0000 | 1.81 | 1.86 |
| Iron - Dissolved (mg/L) | 14.0000 | <0.100 | <0.100 |
| Lead - Dissolved (mg/L) | 0.0500 | <0.0075 | <0.0075 |
| Lithium - Dissolved (mg/L) | 2.5000 | <0.040 | <0.040 |
| Manganese - Dissolved (mg/L) | 1.0000 | <0.0080 | <0.0080 |
| Mercury - Dissolved (mg/L) | 0.00200000 | <0.000200 | <0.000200 |
| Molybdenum - Dissolved (mg/L) | 0.2100 | <0.0080 | <0.0080 |
| Nickel - Dissolved (mg/L) | 0.2000 | <0.0100 | <0.0100 |
| Nitrate as Nitrogen (mg/L) | 10.0000 | 1.09 | 1.08 |
| Nitrite + Nitrate as Nitrogen (mg/L) | 11.0000 | 1.09 | 1.09 |
| Nitrite as Nitrogen (mg/L) | 1.0000 | <0.050 | <0.050 |
| pH Field (pH unit) | 6.50-8.50 | 6.92 | 6.72 |
| Selenium - Dissolved (mg/L) | 0.0240 | <0.00100 | <0.00100 |
| Silver - Dissolved (mg/L) | 0.0500 | <0.0050 | <0.0050 |
| Sodium - Dissolved (mg/L) | --- | 23.8 | 24.4 |
| Sulfate - Total (mg/L) | 250.00 | 55.4 | 57.6 |
| Thallium - Dissolved (mg/L) | 0.0020 | <0.000200 | <0.000200 |
| Total Dissolved Solids (mg/L) | --- | 276 | 285 |
| Uranium - Dissolved (mg/L) | 0.0300 | 0.00490 | 0.00429 |
| Vanadium - Dissolved (mg/L) | 0.1000 | <0.0050 | <0.0050 |
| Zinc - Dissolved (mg/L) | 2.0000 | <0.0100 | <0.0100 |

* Standard is for Reference Only

**Newmont USA Limited**

**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244**

**SAMPLE LOCATION :** **GVMW 8B-50** **Collar Elv (ft) :** **N/A** **Reporting Period** **2023 4th Qtr**

***Results of Profile / Analyses***

| Description | Standards | 4th Qtr | |
|---|---|---|---|
| Name of Certified Lab | (mg/L)* | SVL Analytical, Inc. | SVL Analytical, Inc. |
| Lab Reference # | - | X3J0239-01 | X3L0188-01 |
| Sample Date | - | 10/11/2023 | 12/12/2023 |
| Lab Test Date | - | 10/25/2023 | 1/5/2024 |
| Sampled By | - | PB | PB |
| Aluminium - Dissolved (mg/L) | 7.0000 | <0.080 | <0.080 |
| Ammonia (mg/L) | --- | <0.030 | <0.030 |
| Antimony - Dissolved (mg/L) | 0.0060 | <0.00100 | <0.00100 |
| Arsenic - Dissolved (mg/L) | 0.0100 | <0.00100 | <0.00100 |
| Barium - Dissolved (mg/L) | 2.0000 | 0.0055 | 0.0105 |
| Beryllium - Dissolved (mg/L) | 0.0040 | <0.00200 | <0.00200 |
| Boron - Dissolved (mg/L) | 0.7500 | <0.0400 | <0.0400 |
| Cadmium - Dissolved (mg/L) | 0.0050 | <0.0020 | <0.0020 |
| Chloride - Total (mg/L) | --- | 43.9 | 41.0 |
| Chromium - Dissolved (mg/L) | 0.1000 | <0.0060 | <0.0060 |
| Cobalt - Dissolved (mg/L) | 0.0500 | <0.0060 | <0.0060 |
| Copper - Dissolved (mg/L) | 0.2000 | <0.0100 | 0.0244 |
| Cyanide - Free (mg/L) | 0.2000 | <0.0050 | <0.0050 |
| Cyanide - Total (mg/L) | --- | <0.0050 | <0.0050 |
| Cyanide - WAD (mg/L) | 0.2000 | <0.0050 | <0.0050 |
| Fluoride - Total F (mg/L) | 2.0000 | 2.14 | 2.21 |
| Iron - Dissolved (mg/L) | 14.0000 | <0.100 | <0.100 |
| Lead - Dissolved (mg/L) | 0.0500 | <0.0075 | <0.0075 |
| Lithium - Dissolved (mg/L) | 2.5000 | <0.040 | <0.040 |
| Manganese - Dissolved (mg/L) | 3.0000 | <0.0080 | <0.0080 |
| Mercury - Dissolved (mg/L) | 0.00200000 | <0.000200 | <0.000200 |
| Molybdenum - Dissolved (mg/L) | 0.2100 | <0.0080 | <0.0080 |
| Nickel - Dissolved (mg/L) | 0.2000 | <0.0100 | <0.0100 |
| Nitrate as Nitrogen (mg/L) | 10.0000 | 2.11 | 2.15 |
| Nitrite + Nitrate as Nitrogen (mg/L) | 11.0000 | 2.11 | 2.16 |
| Nitrite as Nitrogen (mg/L) | 1.0000 | <0.050 | <0.050 |
| pH Field (pH unit) | 6.00-8.50 | 6.65 | 6.67 |
| Selenium - Dissolved (mg/L) | 0.0240 | <0.00100 | <0.00100 |
| Silver - Dissolved (mg/L) | 0.0500 | <0.0050 | <0.0050 |
| Sodium - Dissolved (mg/L) | --- | 24.3 | 25.4 |
| Sulfate - Total (mg/L) | 250.00 | 87.3 | 88.0 |
| Thallium - Dissolved (mg/L) | 0.0020 | <0.000200 | <0.000200 |
| Total Dissolved Solids (mg/L) | --- | 255 | 272 |
| Uranium - Dissolved (mg/L) | 0.0300 | 0.00277 | 0.00247 |
| Vanadium - Dissolved (mg/L) | 0.1000 | <0.0050 | <0.0050 |
| Zinc - Dissolved (mg/L) | 2.0000 | <0.0100 | <0.0100 |

* Standard is for Reference Only

**Newmont USA Limited**

**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244**

**SAMPLE LOCATION :** GVMW-25 **Collar Elv (ft) :** N/A **Reporting Period** 2023 4th Qtr

***Results of Profile / Analyses***

| Description | Standards | 4th Qtr | | |
|---|---|---|---|---|
| Name of Certified Lab | (mg/L)* | SVL Analytical, Inc. | SVL Analytical, Inc. | SVL Analytical, Inc. |
| Lab Reference # | - | X3J0204-01 | X3K0279-02RE1 | X3L0112-05 |
| Sample Date | - | 10/10/2023 | 11/15/2023 | 12/6/2023 |
| Lab Test Date | - | 10/25/2023 | 12/15/2023 | 1/8/2024 |
| Sampled By | - | PB | PB | PB |
| Aluminium - Dissolved (mg/L) | 7.0000 | 1040 | 682 | 820 |
| Ammonia (mg/L) | --- | <0.030 | <0.030 | <0.030 |
| Antimony - Dissolved (mg/L) | 0.0060 | <0.100 | <0.100 | <0.0100 |
| Arsenic - Dissolved (mg/L) | 0.0100 | 0.133 | <0.100 | 0.318 |
| Barium - Dissolved (mg/L) | 2.0000 | 0.0133 | 0.0189 | 0.0186 |
| Beryllium - Dissolved (mg/L) | 0.0040 | 0.628 | 0.458 | 0.492 |
| Boron - Dissolved (mg/L) | 0.7500 | <0.0400 | <0.0400 | <0.0400 |
| Cadmium - Dissolved (mg/L) | 0.0050 | 1.82 | 1.37 | 1.56 |
| Chloride - Total (mg/L) | --- | 23.6 | 24.7 | 22.7 |
| Chromium - Dissolved (mg/L) | 0.1000 | 0.179 | 0.101 | 0.0884 |
| Cobalt - Dissolved (mg/L) | 0.0500 | 2.24 | 1.63 | 2.04 |
| Copper - Dissolved (mg/L) | 0.2000 | 4.32 | 2.84 | 3.20 |
| Cyanide - Free (mg/L) | 0.2000 | <0.0050 | <0.0050 | <0.0500 |
| Cyanide - Total (mg/L) | --- | <0.0050 | <0.0050 | <0.0050 |
| Cyanide - WAD (mg/L) | 0.2000 | <0.0050 | <0.0050 | <0.0500 |
| Fluoride - Total F (mg/L) | 2.0000 | 42.5 | 10.5 | 70.0 |
| Iron - Dissolved (mg/L) | 14.0000 | 8.02 | 4.33 | 1.37 |
| Lead - Dissolved (mg/L) | 0.0500 | 0.0134 | <0.0075 | <0.0075 |
| Lithium - Dissolved (mg/L) | 2.5000 | <0.040 | 0.130 | 0.280 |
| Manganese - Dissolved (mg/L) | 3.0000 | 247 | 170 | 230 |
| Mercury - Dissolved (mg/L) | 0.00200000 | <0.000200 | <0.000200 | <0.000200 |
| Molybdenum - Dissolved (mg/L) | 0.2100 | <0.0080 | <0.0080 | <0.0080 |
| Nickel - Dissolved (mg/L) | 0.2000 | 2.80 | 2.16 | 2.52 |
| Nitrate as Nitrogen (mg/L) | 10.0000 | 3.91 | 3.70 | 3.55 |
| Nitrite + Nitrate as Nitrogen (mg/L) | 11.0000 | 3.97 | 3.70 | 3.55 |
| Nitrite as Nitrogen (mg/L) | 1.0000 | <0.500 | <0.500 | <0.500 |
| pH Field (pH unit) | 6.00-8.50 | 3.62 | 3.85 | 3.88 |
| Selenium - Dissolved (mg/L) | 0.0240 | <0.100 | <0.100 | 0.0202 |
| Silver - Dissolved (mg/L) | 0.0500 | <0.0050 | <0.0050 | <0.0050 |
| Sodium - Dissolved (mg/L) | --- | 45.7 | 46.5 | 44.9 |
| Sulfate - Total (mg/L) | 250.00 | 9870 | 7500 | 8850 |
| Thallium - Dissolved (mg/L) | 0.0020 | <0.0200 | <0.0200 | <0.00200 |
| Total Dissolved Solids (mg/L) | --- | 12700 | 10000 | 11900 |
| Uranium - Dissolved (mg/L) | 0.0300 | 4.11 | 2.31 | 2.82 |
| Vanadium - Dissolved (mg/L) | 0.1000 | <0.0050 | <0.0050 | <0.0050 |
| Zinc - Dissolved (mg/L) | 2.0000 | 77.6 | 53.7 | 71.8 |

* Standard is for Reference Only

**Newmont USA Limited**

**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT:**

**SAMPLE LOCATION :** **GVMW-26A** **Collar Elv (ft) :** **N/A** **Reporting Period** **2023 4th Qtr**

***Results of Profile / Analyses***

| Description | Standards | 4th Qtr | |
|---|---|---|---|
| Name of Certified Lab | (mg/L)* | SVL Analytical, Inc. | SVL Analytical, Inc. |
| Lab Reference # | - | X3J0198-03 | X3L0139-02 |
| Sample Date | - | 10/10/2023 | 12/7/2023 |
| Lab Test Date | - | 10/25/2023 | 1/5/2024 |
| Sampled By | - | PB | PB |
| Aluminium - Dissolved (mg/L) | --- | <0.080 | <0.080 |
| Ammonia (mg/L) | --- | <0.030 | <0.030 |
| Antimony - Dissolved (mg/L) | --- | <0.00100 | <0.00100 |
| Arsenic - Dissolved (mg/L) | --- | <0.00100 | <0.00100 |
| Barium - Dissolved (mg/L) | --- | 0.197 | 0.198 |
| Beryllium - Dissolved (mg/L) | --- | <0.00200 | <0.00200 |
| Boron - Dissolved (mg/L) | --- | <0.0400 | <0.0400 |
| Cadmium - Dissolved (mg/L) | --- | <0.0020 | <0.0020 |
| Chloride - Total (mg/L) | --- | 1.31 | 1.26 |
| Chromium - Dissolved (mg/L) | --- | <0.0060 | <0.0060 |
| Cobalt - Dissolved (mg/L) | --- | <0.0060 | <0.0060 |
| Copper - Dissolved (mg/L) | --- | <0.0100 | <0.0100 |
| Cyanide - Free (mg/L) | --- | <0.0050 | <0.0050 |
| Cyanide - Total (mg/L) | --- | <0.0050 | <0.0050 |
| Cyanide - WAD (mg/L) | --- | <0.0050 | <0.0050 |
| Fluoride - Total F (mg/L) | --- | 1.93 | 1.91 |
| Iron - Dissolved (mg/L) | --- | <0.100 | <0.100 |
| Lead - Dissolved (mg/L) | --- | <0.0075 | <0.0075 |
| Lithium - Dissolved (mg/L) | --- | <0.040 | <0.040 |
| Manganese - Dissolved (mg/L) | --- | <0.0080 | 0.0086 |
| Mercury - Dissolved (mg/L) | --- | <0.000200 | <0.000200 |
| Molybdenum - Dissolved (mg/L) | --- | <0.0080 | <0.0080 |
| Nickel - Dissolved (mg/L) | --- | <0.0100 | <0.0100 |
| Nitrate as Nitrogen (mg/L) | --- | <0.050 | <0.050 |
| Nitrite + Nitrate as Nitrogen (mg/L) | --- | <0.100 | <0.100 |
| Nitrite as Nitrogen (mg/L) | --- | <0.050 | <0.050 |
| pH Field (pH unit) | --- | 7.96 | 7.81 |
| Selenium - Dissolved (mg/L) | --- | <0.00100 | <0.00100 |
| Silver - Dissolved (mg/L) | --- | <0.0050 | <0.0050 |
| Sodium - Dissolved (mg/L) | --- | 31.7 | 31.2 |
| Sulfate - Total (mg/L) | --- | 12.0 | 12.4 |
| Thallium - Dissolved (mg/L) | --- | <0.000200 | <0.000200 |
| Total Dissolved Solids (mg/L) | --- | 188 | 199 |
| Uranium - Dissolved (mg/L) | --- | 0.00357 | 0.00318 |
| Vanadium - Dissolved (mg/L) | --- | <0.0050 | <0.0050 |
| Zinc - Dissolved (mg/L) | --- | <0.0100 | <0.0100 |

* Standard is for Reference Only

**Newmont USA Limited**

**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT:**

**SAMPLE LOCATION :** **GVMW-26B** **Collar Elv (ft) :** **N/A** **Reporting Period** **2023 4th Qtr**

***Results of Profile / Analyses***

| Description | Standards | 4th Qtr | |
|---|---|---|---|
| Name of Certified Lab | (mg/L)* | SVL Analytical, Inc. | SVL Analytical, Inc. |
| Lab Reference # | - | X3J0198-04 | X3L0139-03 |
| Sample Date | - | 10/10/2023 | 12/7/2023 |
| Lab Test Date | - | 10/25/2023 | 1/5/2024 |
| Sampled By | - | PB | PB |
| Aluminium - Dissolved (mg/L) | --- | <0.080 | <0.080 |
| Ammonia (mg/L) | --- | <0.030 | <0.030 |
| Antimony - Dissolved (mg/L) | --- | <0.00100 | <0.00100 |
| Arsenic - Dissolved (mg/L) | --- | <0.00100 | <0.00100 |
| Barium - Dissolved (mg/L) | --- | 0.120 | 0.117 |
| Beryllium - Dissolved (mg/L) | --- | <0.00200 | <0.00200 |
| Boron - Dissolved (mg/L) | --- | <0.0400 | <0.0400 |
| Cadmium - Dissolved (mg/L) | --- | <0.0020 | <0.0020 |
| Chloride - Total (mg/L) | --- | 1.73 | 1.72 |
| Chromium - Dissolved (mg/L) | --- | <0.0060 | <0.0060 |
| Cobalt - Dissolved (mg/L) | --- | <0.0060 | <0.0060 |
| Copper - Dissolved (mg/L) | --- | <0.0100 | <0.0100 |
| Cyanide - Free (mg/L) | --- | <0.0050 | <0.0050 |
| Cyanide - Total (mg/L) | --- | <0.0050 | <0.0050 |
| Cyanide - WAD (mg/L) | --- | <0.0050 | <0.0050 |
| Fluoride - Total F (mg/L) | --- | 0.228 | 0.218 |
| Iron - Dissolved (mg/L) | --- | <0.100 | <0.100 |
| Lead - Dissolved (mg/L) | --- | <0.0075 | <0.0075 |
| Lithium - Dissolved (mg/L) | --- | <0.040 | <0.040 |
| Manganese - Dissolved (mg/L) | --- | <0.0080 | <0.0080 |
| Mercury - Dissolved (mg/L) | --- | <0.000200 | <0.000200 |
| Molybdenum - Dissolved (mg/L) | --- | <0.0080 | <0.0080 |
| Nickel - Dissolved (mg/L) | --- | <0.0100 | <0.0100 |
| Nitrate as Nitrogen (mg/L) | --- | 0.628 | 0.634 |
| Nitrite + Nitrate as Nitrogen (mg/L) | --- | 0.628 | 0.634 |
| Nitrite as Nitrogen (mg/L) | --- | <0.050 | <0.050 |
| pH Field (pH unit) | --- | 6.83 | 6.85 |
| Selenium - Dissolved (mg/L) | --- | <0.00100 | <0.00100 |
| Silver - Dissolved (mg/L) | --- | <0.0050 | <0.0050 |
| Sodium - Dissolved (mg/L) | --- | 10.3 | 10.0 |
| Sulfate - Total (mg/L) | --- | 22.0 | 21.8 |
| Thallium - Dissolved (mg/L) | --- | <0.000200 | <0.000200 |
| Total Dissolved Solids (mg/L) | --- | 105 | 137 |
| Uranium - Dissolved (mg/L) | --- | <0.000100 | <0.000100 |
| Vanadium - Dissolved (mg/L) | --- | <0.0050 | <0.0050 |
| Zinc - Dissolved (mg/L) | --- | <0.0100 | <0.0100 |

* Standard is for Reference Only

**Newmont USA Limited**

**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244**

**SAMPLE LOCATION :** PGMW-3 **Collar Elv (ft) :** N/A **Reporting Period** 2023 4th Qtr

***Results of Profile / Analyses***

| Description | Standards | 4th Qtr |
|---|---|---|
| Name of Certified Lab | (mg/L)* | SVL Analytical, Inc. |
| Lab Reference # | - | X3J0149-04 |
| Sample Date | - | 10/4/2023 |
| Lab Test Date | - | 10/20/2023 |
| Sampled By | - | PB |

| | | |
|---|---|---|
| Aluminium - Dissolved (mg/L) | 7.0000 | 12.7 |
| Ammonia (mg/L) | --- | <0.030 |
| Antimony - Dissolved (mg/L) | 0.0060 | <0.00100 |
| Arsenic - Dissolved (mg/L) | 0.0100 | 0.00162 |
| Barium - Dissolved (mg/L) | 2.0000 | 0.0116 |
| Beryllium - Dissolved (mg/L) | 0.0040 | <0.00200 |
| Boron - Dissolved (mg/L) | 0.7500 | <0.0400 |
| Cadmium - Dissolved (mg/L) | 0.0050 | 0.0055 |
| Chloride - Total (mg/L) | --- | 49.6 |
| Chromium - Dissolved (mg/L) | 0.1000 | <0.0060 |
| Cobalt - Dissolved (mg/L) | 0.0500 | 0.0263 |
| Copper - Dissolved (mg/L) | 0.2000 | 0.219 |
| Cyanide - Free (mg/L) | 0.2000 | <0.0050 |
| Cyanide - Total (mg/L) | --- | <0.0050 |
| Cyanide - WAD (mg/L) | 0.2000 | <0.0050 |
| Fluoride - Total F (mg/L) | 2.0000 | 1.99 |
| Iron - Dissolved (mg/L) | 14.0000 | <0.100 |
| Lead - Dissolved (mg/L) | 0.0500 | <0.0075 |
| Lithium - Dissolved (mg/L) | 2.5000 | <0.040 |
| Manganese - Dissolved (mg/L) | 3.0000 | 4.46 |
| Mercury - Dissolved (mg/L) | 0.00200000 | 0.000278 |
| Molybdenum - Dissolved (mg/L) | 0.2100 | <0.0080 |
| Nickel - Dissolved (mg/L) | 0.2000 | 0.0602 |
| Nitrate as Nitrogen (mg/L) | 10.0000 | 8.52 |
| Nitrite + Nitrate as Nitrogen (mg/L) | 11.0000 | 8.52 |
| Nitrite as Nitrogen (mg/L) | 1.0000 | <0.050 |
| pH Field (pH unit) | 6.00-8.50 | 4.03 |
| Selenium - Dissolved (mg/L) | 0.0240 | 0.00139 |
| Silver - Dissolved (mg/L) | 0.0500 | <0.0050 |
| Sodium - Dissolved (mg/L) | --- | 25.0 |
| Sulfate - Total (mg/L) | 250.00 | 660 |
| Thallium - Dissolved (mg/L) | 0.0020 | 0.000526 |
| Total Dissolved Solids (mg/L) | --- | 973 |
| Uranium - Dissolved (mg/L) | 0.0300 | 0.00119 |
| Vanadium - Dissolved (mg/L) | 0.1000 | <0.0050 |
| Zinc - Dissolved (mg/L) | 2.0000 | 0.554 |

* Standard is for Reference Only

**Newmont USA Limited**

**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT:**

**SAMPLE LOCATION :** **PGMW-5** **Collar Elv (ft) :** **N/A** **Reporting Period** **2023 4th Qtr**

***Results of Profile / Analyses***

| Description | Standards | 4th Qtr |
|---|---|---|
| Name of Certified Lab | (mg/L)* | SVL Analytical, Inc. |
| Lab Reference # | - | X3J0149-03 |
| Sample Date | - | 10/4/2023 |
| Lab Test Date | - | 10/20/2023 |
| Sampled By | - | PB |

| | | |
|---|---|---|
| Aluminium - Dissolved (mg/L) | --- | 78.8 |
| Ammonia (mg/L) | --- | <0.030 |
| Antimony - Dissolved (mg/L) | --- | <0.00100 |
| Arsenic - Dissolved (mg/L) | --- | 0.00438 |
| Barium - Dissolved (mg/L) | --- | 0.0098 |
| Beryllium - Dissolved (mg/L) | --- | 0.00907 |
| Boron - Dissolved (mg/L) | --- | <0.0400 |
| Cadmium - Dissolved (mg/L) | --- | 0.0471 |
| Chloride - Total (mg/L) | --- | 60.7 |
| Chromium - Dissolved (mg/L) | --- | <0.0060 |
| Cobalt - Dissolved (mg/L) | --- | 0.219 |
| Copper - Dissolved (mg/L) | --- | 1.58 |
| Cyanide - Free (mg/L) | --- | <0.0050 |
| Cyanide - Total (mg/L) | --- | 0.0200 |
| Cyanide - WAD (mg/L) | --- | <0.0050 |
| Fluoride - Total F (mg/L) | --- | 10.6 |
| Iron - Dissolved (mg/L) | --- | <0.100 |
| Lead - Dissolved (mg/L) | --- | <0.0075 |
| Lithium - Dissolved (mg/L) | --- | <0.040 |
| Manganese - Dissolved (mg/L) | --- | 50.0 |
| Mercury - Dissolved (mg/L) | --- | <0.000200 |
| Molybdenum - Dissolved (mg/L) | --- | <0.0080 |
| Nickel - Dissolved (mg/L) | --- | 0.385 |
| Nitrate as Nitrogen (mg/L) | --- | 1.35 |
| Nitrite + Nitrate as Nitrogen (mg/L) | --- | 1.35 |
| Nitrite as Nitrogen (mg/L) | --- | <0.050 |
| pH Field (pH unit) | --- | 3.60 |
| Selenium - Dissolved (mg/L) | --- | 0.00171 |
| Silver - Dissolved (mg/L) | --- | <0.0050 |
| Sodium - Dissolved (mg/L) | --- | 30.4 |
| Sulfate - Total (mg/L) | --- | 1080 |
| Thallium - Dissolved (mg/L) | --- | <0.000200 |
| Total Dissolved Solids (mg/L) | --- | 1520 |
| Uranium - Dissolved (mg/L) | --- | 0.0426 |
| Vanadium - Dissolved (mg/L) | --- | <0.0050 |
| Zinc - Dissolved (mg/L) | --- | 5.91 |

* Standard is for Reference Only

**Newmont USA Limited**

**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244**

**SAMPLE LOCATION :** **SGMW 6B-60** **Collar Elv (ft) :** **N/A** **Reporting Period** **2023 4th Qtr**

***Results of Profile / Analyses***

| Description | Standards | 4th Qtr |
|---|---|---|
| Name of Certified Lab | (mg/L)* | SVL Analytical, Inc. |
| Lab Reference # | - | X3J0097-06 |
| Sample Date | - | 10/3/2023 |
| Lab Test Date | - | 10/18/2023 |
| Sampled By | - | PB |

| | | |
|---|---|---|
| Aluminium - Dissolved (mg/L) | 7.0000 | 7.59 |
| Ammonia (mg/L) | --- | 0.075 |
| Antimony - Dissolved (mg/L) | 0.0060 | <0.00100 |
| Arsenic - Dissolved (mg/L) | 0.0100 | 0.00110 |
| Barium - Dissolved (mg/L) | 2.0000 | 0.0084 |
| Beryllium - Dissolved (mg/L) | 0.0040 | 0.0865 |
| Boron - Dissolved (mg/L) | 0.7500 | 0.0864 |
| Cadmium - Dissolved (mg/L) | 0.0050 | 0.0104 |
| Chloride - Total (mg/L) | --- | 144 |
| Chromium - Dissolved (mg/L) | 0.1000 | <0.0060 |
| Cobalt - Dissolved (mg/L) | 0.0500 | 0.0345 |
| Copper - Dissolved (mg/L) | 0.2000 | 0.0425 |
| Cyanide - Free (mg/L) | 0.2000 | <0.0050 |
| Cyanide - Total (mg/L) | --- | <0.0050 |
| Cyanide - WAD (mg/L) | 0.2000 | <0.0050 |
| Fluoride - Total F (mg/L) | 2.0000 | 11.1 |
| Iron - Dissolved (mg/L) | 14.0000 | 2.19 |
| Lead - Dissolved (mg/L) | 0.0500 | <0.0075 |
| Lithium - Dissolved (mg/L) | 2.5000 | 0.104 |
| Manganese - Dissolved (mg/L) | 3.0000 | 12.7 |
| Mercury - Dissolved (mg/L) | 0.00200000 | <0.000200 |
| Molybdenum - Dissolved (mg/L) | 0.2100 | <0.0080 |
| Nickel - Dissolved (mg/L) | 0.2000 | 0.175 |
| Nitrate as Nitrogen (mg/L) | 10.0000 | 1.35 |
| Nitrite + Nitrate as Nitrogen (mg/L) | 11.0000 | 1.35 |
| Nitrite as Nitrogen (mg/L) | 1.0000 | <0.050 |
| pH Field (pH unit) | 6.00-8.50 | 5.35 |
| Selenium - Dissolved (mg/L) | 0.0240 | <0.00100 |
| Silver - Dissolved (mg/L) | 0.0500 | <0.0050 |
| Sodium - Dissolved (mg/L) | --- | 75.4 |
| Sulfate - Total (mg/L) | 250.00 | 1640 |
| Thallium - Dissolved (mg/L) | 0.0020 | <0.000200 |
| Total Dissolved Solids (mg/L) | --- | 2440 |
| Uranium - Dissolved (mg/L) | 0.0300 | 0.0501 |
| Vanadium - Dissolved (mg/L) | 0.1000 | <0.0050 |
| Zinc - Dissolved (mg/L) | 2.0000 | 1.84 |

* Standard is for Reference Only

**Newmont USA Limited**

**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244**

**SAMPLE LOCATION :** **VIN 2A-270** **Collar Elv (ft) :** **N/A** **Reporting Period** **2023 4th Qtr**

***Results of Profile / Analyses***

| Description | Standards | 4th Qtr |
|---|---|---|
| Name of Certified Lab | (mg/L)* | SVL Analytical, Inc. |
| Lab Reference # | - | X3K0058-01 |
| Sample Date | - | 11/2/2023 |
| Lab Test Date | - | 11/20/2023 |
| Sampled By | - | PB |

| | | |
|---|---|---|
| Aluminium - Dissolved (mg/L) | 7.0000 | <0.080 |
| Ammonia (mg/L) | --- | 0.109 |
| Antimony - Dissolved (mg/L) | 0.0060 | <0.00100 |
| Arsenic - Dissolved (mg/L) | 0.0100 | 0.00112 |
| Barium - Dissolved (mg/L) | 2.0000 | 0.0074 |
| Beryllium - Dissolved (mg/L) | 0.0040 | <0.00200 |
| Boron - Dissolved (mg/L) | 0.7500 | <0.0400 |
| Cadmium - Dissolved (mg/L) | 0.0050 | <0.0020 |
| Chloride - Total (mg/L) | --- | 7.13 |
| Chromium - Dissolved (mg/L) | 0.1000 | <0.0060 |
| Cobalt - Dissolved (mg/L) | 0.0500 | 0.0098 |
| Copper - Dissolved (mg/L) | 0.2000 | <0.0100 |
| Cyanide - Free (mg/L) | 0.2000 | <0.0050 |
| Cyanide - Total (mg/L) | --- | <0.0050 |
| Cyanide - WAD (mg/L) | 0.2000 | <0.0050 |
| Fluoride - Total F (mg/L) | 2.0000 | 0.201 |
| Iron - Dissolved (mg/L) | 14.0000 | 0.103 |
| Lead - Dissolved (mg/L) | 0.0500 | <0.0075 |
| Lithium - Dissolved (mg/L) | 2.5000 | <0.040 |
| Manganese - Dissolved (mg/L) | 3.0000 | 0.261 |
| Mercury - Dissolved (mg/L) | 0.00200000 | <0.000200 |
| Molybdenum - Dissolved (mg/L) | 0.2100 | <0.0080 |
| Nickel - Dissolved (mg/L) | 0.2000 | <0.0100 |
| Nitrate as Nitrogen (mg/L) | 10.0000 | <0.050 |
| Nitrite + Nitrate as Nitrogen (mg/L) | 11.0000 | <0.100 |
| Nitrite as Nitrogen (mg/L) | 1.0000 | <0.050 |
| Selenium - Dissolved (mg/L) | 0.0240 | <0.00100 |
| Silver - Dissolved (mg/L) | 0.0500 | <0.0050 |
| Sodium - Dissolved (mg/L) | --- | 21.4 |
| Sulfate - Total (mg/L) | 250.00 | 676 |
| Thallium - Dissolved (mg/L) | 0.0020 | <0.000200 |
| Total Dissolved Solids (mg/L) | --- | 1020 |
| Uranium - Dissolved (mg/L) | 0.0300 | 0.00313 |
| Vanadium - Dissolved (mg/L) | 0.1000 | <0.0050 |
| Zinc - Dissolved (mg/L) | 2.0000 | 1.02 |

* Standard is for Reference Only

**Newmont USA Limited**

**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244**

**SAMPLE LOCATION :** VIN 2B-140 **Collar Elv (ft) :** N/A **Reporting Period** 2023 4th Qtr

***Results of Profile / Analyses***

| Description | Standards | 4th Qtr |
|---|---|---|
| Name of Certified Lab | (mg/L)* | SVL Analytical, Inc. |
| Lab Reference # | - | X3K0058-02 |
| Sample Date | - | 11/2/2023 |
| Lab Test Date | - | 11/20/2023 |
| Sampled By | - | PB |

| | | |
|---|---|---|
| Aluminium - Dissolved (mg/L) | 7.0000 | <0.080 |
| Ammonia (mg/L) | --- | <0.030 |
| Antimony - Dissolved (mg/L) | 0.0060 | <0.00100 |
| Arsenic - Dissolved (mg/L) | 0.0100 | <0.00100 |
| Barium - Dissolved (mg/L) | 2.0000 | 0.0061 |
| Beryllium - Dissolved (mg/L) | 0.0040 | <0.00200 |
| Boron - Dissolved (mg/L) | 0.7500 | <0.0400 |
| Cadmium - Dissolved (mg/L) | 0.0050 | <0.0020 |
| Chloride - Total (mg/L) | --- | 10.8 |
| Chromium - Dissolved (mg/L) | 0.1000 | <0.0060 |
| Cobalt - Dissolved (mg/L) | 0.0500 | 0.0089 |
| Copper - Dissolved (mg/L) | 0.2000 | <0.0100 |
| Cyanide - Free (mg/L) | 0.2000 | <0.0050 |
| Cyanide - Total (mg/L) | --- | <0.0050 |
| Cyanide - WAD (mg/L) | 0.2000 | <0.0050 |
| Fluoride - Total F (mg/L) | 2.0000 | 0.141 |
| Iron - Dissolved (mg/L) | 14.0000 | <0.100 |
| Lead - Dissolved (mg/L) | 0.0500 | <0.0075 |
| Lithium - Dissolved (mg/L) | 2.5000 | <0.040 |
| Manganese - Dissolved (mg/L) | 4.0000 | 2.02 |
| Mercury - Dissolved (mg/L) | 0.00200000 | <0.000200 |
| Molybdenum - Dissolved (mg/L) | 0.2100 | <0.0080 |
| Nickel - Dissolved (mg/L) | 0.2000 | <0.0100 |
| Nitrate as Nitrogen (mg/L) | 10.0000 | <0.050 |
| Nitrite + Nitrate as Nitrogen (mg/L) | 11.0000 | <0.100 |
| Nitrite as Nitrogen (mg/L) | 1.0000 | <0.050 |
| Selenium - Dissolved (mg/L) | 0.0240 | <0.00100 |
| Silver - Dissolved (mg/L) | 0.0500 | <0.0050 |
| Sodium - Dissolved (mg/L) | --- | 31.2 |
| Sulfate - Total (mg/L) | 800.00 | 725 |
| Thallium - Dissolved (mg/L) | 0.0020 | <0.000200 |
| Total Dissolved Solids (mg/L) | --- | 1100 |
| Uranium - Dissolved (mg/L) | 0.0300 | 0.000245 |
| Vanadium - Dissolved (mg/L) | 0.1000 | <0.0050 |
| Zinc - Dissolved (mg/L) | 2.0000 | 0.0179 |

* Standard is for Reference Only

**Newmont USA Limited**

**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244**

**SAMPLE LOCATION :** **WCMW 3-134** **Collar Elv (ft) :** **N/A** **Reporting Period** **2023 4th Qtr**

***Results of Profile / Analyses***

| Description | Standards | 4th Qtr |
|---|---|---|
| Name of Certified Lab | (mg/L)* | SVL Analytical, Inc. |
| Lab Reference # | - | X3J0478-04 |
| Sample Date | - | 10/26/2023 |
| Lab Test Date | - | 11/17/2023 |
| Sampled By | - | PB |

| | | |
|---|---|---|
| Aluminium - Dissolved (mg/L) | 7.0000 | <0.080 |
| Ammonia (mg/L) | --- | <0.030 |
| Antimony - Dissolved (mg/L) | 0.0060 | <0.00100 |
| Arsenic - Dissolved (mg/L) | 0.0100 | <0.00100 |
| Barium - Dissolved (mg/L) | 2.0000 | 0.0653 |
| Beryllium - Dissolved (mg/L) | 0.0040 | <0.00200 |
| Boron - Dissolved (mg/L) | 0.7500 | <0.0400 |
| Cadmium - Dissolved (mg/L) | 0.0050 | <0.0020 |
| Chloride - Total (mg/L) | --- | 1.10 |
| Chromium - Dissolved (mg/L) | 0.1000 | <0.0060 |
| Cobalt - Dissolved (mg/L) | 0.0500 | <0.0060 |
| Copper - Dissolved (mg/L) | 0.2000 | <0.0100 |
| Cyanide - Free (mg/L) | 0.2000 | <0.0050 |
| Cyanide - Total (mg/L) | --- | <0.0050 |
| Cyanide - WAD (mg/L) | 0.2000 | <0.0050 |
| Fluoride - Total F (mg/L) | 2.0000 | 0.750 |
| Iron - Dissolved (mg/L) | 14.0000 | <0.100 |
| Lead - Dissolved (mg/L) | 0.0500 | <0.0075 |
| Lithium - Dissolved (mg/L) | 2.5000 | <0.040 |
| Manganese - Dissolved (mg/L) | 0.5000 | 0.0335 |
| Mercury - Dissolved (mg/L) | 0.00200000 | <0.000200 |
| Molybdenum - Dissolved (mg/L) | 0.2100 | <0.0080 |
| Nickel - Dissolved (mg/L) | 0.2000 | <0.0100 |
| Nitrate as Nitrogen (mg/L) | 10.0000 | <0.050 |
| Nitrite + Nitrate as Nitrogen (mg/L) | 11.0000 | <0.100 |
| Nitrite as Nitrogen (mg/L) | 1.0000 | <0.050 |
| pH Field (pH unit) | 6.00-9.00 | 7.65 |
| Selenium - Dissolved (mg/L) | 0.0240 | 0.00487 |
| Silver - Dissolved (mg/L) | 0.0500 | <0.0050 |
| Sodium - Dissolved (mg/L) | --- | 10.0 |
| Sulfate - Total (mg/L) | 250.00 | 25.8 |
| Thallium - Dissolved (mg/L) | 0.0020 | <0.000200 |
| Total Dissolved Solids (mg/L) | --- | 305 |
| Uranium - Dissolved (mg/L) | 0.0300 | 0.00628 |
| Vanadium - Dissolved (mg/L) | 0.1000 | <0.0050 |
| Zinc - Dissolved (mg/L) | 2.0000 | 0.0242 |

* Standard is for Reference Only

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# Surface Water

# AG 2.0

**Sample Date:** **10/3/2023**

| Data for Calculations: | | |
|---|---|---|
| pH | 7.29 | std units |
| Hardness | 45.2 | mg/L |
| Temperature | 8.7 | Celsius |

| Regulation 32 (5 CCR 1002-32) COARUA22A Standards | | | AG2.0 Results |
|---|---|---|---|
| **Physical** | **Acute** | **Chronic** | **Physical** |
| pH (std. units) | 6.0 - 9.0 | --- | 7.29 |
| Temperature ($^{o}$C) | < 21.7 | < 17 | 8.7 |
| | | | |
| **Inorganic** | **Acute (mg/L)** | **Chronic (mg/L)** | **Inorganic** |
| Ammonia | 17.727 | 5.110 | <0.03 |
| Boron | --- | 0.750 | <0.04 |
| Chloride | --- | --- | 11.2 |
| Chlorine | 0.019 | 0.011 | - |
| Cyanide (Free) | 0.005 | --- | <0.005 |
| Nitrate | 100.000 | --- | 0.07 |
| Nitrite | --- | 0.050 | <0.05 |
| Sulfide | --- | 0.002 | <0.05 |
| Sulfate | --- | --- | 20.9 |
| Phosphorus | --- | 0.110 | <0.05 |
| | | | |
| **Metals** | **Acute (mg/L)** | **Chronic (mg/L)** | **Metals** |
| Aluminum | 11.00000 | 11.00000 | <0.08 |
| Arsenic | 0.34000 | --- | <0.001 |
| Arsenic (T) | --- | 0.10000 | <0.001 |
| Cadmium | 0.00085 | 0.00040 | <0.0001 |
| Chromium (III) | 0.29734 | 0.03868 | <0.005 |
| Chromium (III) (T) | --- | 0.10000 | <0.011 |
| Hexavalent Chromium | 0.01600 | 0.01100 | <0.005 |
| Copper | 0.00636 | 0.00454 | 0.00099 |
| Iron (T) | --- | 1.00000 | 0.631 |
| Lead | 0.02694 | 0.00105 | <0.0002 |
| Manganese | 5.90300 | 3.67400 | <0.008 |
| Mercury (T) | --- | 0.00001 | 0.000108 |
| Molybdenum (T) | --- | 0.15000 | <0.008 |
| Nickel | 0.23917 | 0.02656 | <0.01 |
| Selenium | 0.01840 | 0.00460 | <0.001 |
| Silver | 0.00052 | 0.00008 | <0.00008 |
| Uranium | 1.00126 | 0.62541 | <0.0001 |
| Zinc | 3.50000 | 0.60000 | <0.01 |

* Hardness exceeds maximum value of 400 mg/L for use in equations per Colorado Regulation 32.

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

- Invalid results, past regulatory hold time

# GV-06

**Sample Date: 10/10/2023**

| Data for Calculations: | | |
|---|---|---|
| pH | 6.14 | std units |
| Hardness | 151 | mg/L |
| Temperature | 3.1 | Celsius |

| Regulation 32 (5 CCR 1002-32) COARUA24 Standards | | | GV-06 Results |
|---|---|---|---|
| **Physical** | **Acute** | **Chronic** | **Physical** |
| pH (std. units) | 6.5 - 9.0 | --- | **6.14** |
| Temperature ($^{o}$C) | < 21.7 | < 17 | 3.1 |
| **Inorganic** | **Acute (mg/L)** | **Chronic (mg/L)** | **Inorganic** |
| Ammonia | 6.897 | 35.924 | 0.037 |
| Boron | 0.750 | --- | 0 |
| Chloride | 250.000 | --- | 8.2 |
| Chlorine | 0.011 | 0.019 | - |
| Cyanide (Free) | --- | 0.005 | <0.005 |
| Nitrate | --- | 10.000 | 0.203 |
| Nitrite | 0.050 | --- | <0.05 |
| Sulfide | 0.002 | --- | <0.05 |
| Sulfate | 250.000 | --- | 69.3 |
| Phosphorus | 0.110 | --- | 0.055 |
| **Metals** | **Acute (mg/L)** | **Chronic (mg/L)** | **Metals** |
| Arsenic | 0.34000 | --- | <0.001 |
| Arsenic (T) | --- | 0.00002 | <0.001 |
| Cadmium | 0.00264 | 0.00098 | <0.0001 |
| Cadmium (T) | 0.00500 | --- | <0.0001 |
| Chromium (III) | --- | 0.10387 | <0.006 |
| Chromium (III) (T) | 0.05000 | --- | <0.011 |
| Hexavalent Chromium | 0.01600 | 0.01100 | <0.005 |
| Copper | 0.01982 | 0.01274 | 0.00119 |
| Iron | --- | 0.30000 | **0.425** |
| Iron (T) | --- | 1.00000 | **1.85** |
| Lead | 0.10085 | 0.00393 | <0.0002 |
| Lead (T) | 0.05000 | --- | 0.00047 |
| Manganese | 3.42500 | 1.89231 | 0.853 |
| Mercury (T) | --- | 0.00001 | <0.000093 |
| Molybdenum (T) | --- | 0.15000 | <0.008 |
| Nickel | 0.66356 | 0.07370 | <0.01 |
| Nickel (T) | --- | 0.10000 | <0.01 |
| Selenium | 0.01840 | 0.00460 | <0.001 |
| Silver | 0.00412 | 0.00015 | <0.00008 |
| Uranium | 3.78327 | 2.36313 | 0.00145 |
| Zinc | 0.23275 | 0.17629 | <0.01 |

* Hardness exceeds maximum value of 400 mg/L for use in equations per Colorado Regulation 32.

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

- Invalid results, past regulatory hold time

# GV-06

**Sample Date: 11/15/2023**

| Data for Calculations: | | |
|---|---|---|
| pH | 7.14 | std units |
| Hardness | 176 | mg/L |
| Temperature | 1.3 | Celsius |

| Regulation 32 (5 CCR 1002-32) COARUA24 Standards | | | GV-06 Results |
|---|---|---|---|
| **Physical** | **Acute** | **Chronic** | **Physical** |
| pH (std. units) | 6.5 - 9.0 | --- | 7.14 |
| Temperature ($^{o}$C) | < 21.7 | < 17 | 1.3 |
| **Inorganic** | **Acute (mg/L)** | **Chronic (mg/L)** | **Inorganic** |
| Ammonia | 5.560200193 | 21.06160543 | 0.055 |
| Boron | 0.750 | --- | <0.04 |
| Chloride | 250.000 | --- | 9.29 |
| Chlorine | 0.011 | 0.019 | - |
| Cyanide (Free) | --- | 0.005 | <0.005 |
| Nitrate | --- | 10.000 | 0.317 |
| Nitrite | 0.050 | --- | <0.05 |
| Sulfide | 0.002 | --- | <0.05 |
| Sulfate | 250.000 | --- | 88.8 |
| Phosphorus | 0.110 | --- | **0.144** |
| **Metals** | **Acute (mg/L)** | **Chronic (mg/L)** | **Metals** |
| Arsenic | 0.34000 | --- | <0.001 |
| Arsenic (T) | --- | 0.00002 | **0.00113** |
| Cadmium | 0.00304 | 0.00110 | <0.0001 |
| Cadmium (T) | 0.00500 | --- | <0.0001 |
| Chromium (III) | --- | 0.11776 | <0.006 |
| Chromium (III) (T) | 0.05000 | --- | <0.011 |
| Hexavalent Chromium | 0.01600 | 0.01100 | <0.005 |
| Copper | 0.02289 | 0.01452 | <0.0004 |
| Iron | --- | 0.30000 | **0.867** |
| Iron (T) | --- | 1.00000 | **4.81** |
| Lead | 0.11882 | 0.00463 | <0.0002 |
| Lead (T) | 0.05000 | --- | 0.00159 |
| Manganese | 3.60432 | 1.99139 | 1.59 |
| Mercury (T) | --- | 0.00001 | <0.000093 |
| Molybdenum (T) | --- | 0.15000 | <0.008 |
| Nickel | 0.75539 | 0.08390 | <0.01 |
| Nickel (T) | --- | 0.10000 | <0.01 |
| Selenium | 0.01840 | 0.00460 | <0.001 |
| Silver | 0.00537 | 0.00020 | <0.00008 |
| Uranium | 4.47916 | 2.79780 | 0.00132 |
| Zinc | 0.26755 | 0.20264 | <0.01 |

* Hardness exceeds maximum value of 400 mg/L for use in equations per Colorado Regulation 32.

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- Invalid results, past regulatory hold time

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# Graphs