

Sent VIA EMAIL

July 28, 2020

Mr. Tim Cazier  
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: 2<sup>nd</sup> Quarter 2020  
Surface Water Monitoring Data: 2<sup>nd</sup> Quarter 2020

Dear Mr. Cazier:

Cripple Creek & Victor Gold Mining Company ("CC&V") is hereby providing the ground water & surface water monitoring report for the Cresson Project compliance locations for the 2<sup>nd</sup> quarter, (April through June) 2020.

CC&V collected all required samples as outlined in Permit No. M-1980-244. Groundwater monitoring locations Arequa Gulch well (CRMW-3A, CRMW-5D, ESPMW), Poverty Gulch wells (PGMW-2 and PGMW-4), Squaw Gulch wells (SGMW-5, SGMW-6A, SGMW-7A, and SGMW-7B), Grassy Valley wells (GVMW-8B), and Vindicator Valley well (VIN-2A) were reported dry. Surface water sampling locations in Vindicator Valley (T-2), and Grassy Valley (GV-02 & GV-03) had no flow and were reported dry.

As reported on April 20, 2020, CC&V collected second quarter compliance groundwater samples from monitoring well CRMW-3B on April 1, 2020. CC&V received the lab report for these analyses on April 20, 2020, and upon review, determined that CRMW-3B exceeded established numeric protection limits for fluoride. Table 1 below lists the exceedance for the location and the associated parameter.

Table 1.

Location	Sample Date	Parameter	Value (mg/L)	NPL (mg/L)	Table Standard (mg/L)
CRMW-3B	4/1/2020	Fluoride	3.48	2.0	2.0

As reported on April 22, 2020, CC&V collected second quarter compliance groundwater samples from monitoring wells CRMW-5B, CRMW-5C, and SGMW-6B on April 8, 2020. CC&V received the lab report for these analyses on April 17, 2020, and upon review, CC&V determined that CRMW-5B, and CRMW-5C exceeded established numeric protection limits for fluoride, and SGMW-6B exceeded established numeric protection limits for fluoride, manganese, and sulfate. Table 2 below lists the exceedance for the location and the associated parameter.

Table 2.

Location	Sample Date	Parameter	Value (mg/L)	NPL (mg/L)	Table Standard (mg/L)
CRMW-5B	4/8/2020	Fluoride	2.72	2.0	2.0
CRMW-5C	4/8/2020	Fluoride	2.98	2.0	2.0
SGMW-6B	4/8/2020	Fluoride	6.83	2.0	2.0
SGMW-6B	4/8/2020	Manganese	6.46	3.0	0.05
SGMW-6B	4/8/2020	Sulfate	905	250	250

As reported on April 28, 2020, CC&V collected second quarter compliance groundwater samples from monitoring wells GVMW-22A on April 14, 2020. CC&V received the lab report for these analyses on April 24, 2020, and upon review, CC&V determined that GVMW-22A exceeded established numeric protection limits for fluoride. Table 3 below lists the exceedance for the location and the associated parameter.

Table 3.

Location	Sample Date	Parameter	Value (mg/L)	NPL (mg/L)	Table Standard (mg/L)
GVMW-22A	4/14/2020	Fluoride	2.08	2.0	2.0

CC&V collected second quarter compliance groundwater samples from monitoring wells PGMW-3 on April 21, 2020 and WCMW-6 on April 22, 2020. CC&V received the lab reports for these analyses on May 5, 2020 and May 6, 2020 respectively, and upon review, CC&V determined that PGMW-3 exceeded established numeric protection limits for aluminum, cadmium, copper, fluoride, manganese, nitrate as N, nitrite + nitrate as N, pH, and sulfate and WCMW-6 exceeded established numeric protection limits for fluoride and manganese. Table 4 below lists the exceedance for the location and the associated parameter.

Table 4.

Location	Sample Date	Parameter	Value (mg/L)	NPL (mg/L)	Table Standard (mg/L)
PGMW-3	4/21/2020	Aluminum	16.7	7	5
PGMW-3	4/21/2020	Cadmium	0.0121	0.005	0.005
PGMW-3	4/21/2020	Copper	1.41	0.20	0.20
PGMW-3	4/21/2020	Fluoride	2.82	2.0	2.0
PGMW-3	4/21/2020	Manganese	10.7	3.0	0.05
PGMW-3	4/21/2020	Nitrate as N	13	10	10
PGMW-3	4/21/2020	Nitrite + Nitrate as N	13	11	10
PGMW-3	4/21/2020	pH	3.89	6.0	6.5
PGMW-3	4/21/2020	Sulfate	551	250	250
WCMW-6	4/22/2020	Fluoride	2.09	2.0	2.0
WCMW-6	4/22/2020	Manganese	0.245	0.20	0.05

Sincerely,



Justin Raglin  
S&ER Manager  
Cripple Creek & Victor Gold Mining Company

ECC:  
Dan Williams  
Lynda Morgan

## Appendix A

## Groundwater

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

SAMPLE LOCATION : CRMW 3A-35

Collar Elv (ft) : N/A

Reporting Period 2020 2nd Qtr

**Results of Profile / Analyses**

Description	Standards	2nd Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	04/01/2020
Lab Test Date	-	
Sampled By	-	

No Sample Reason	---	Dry
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SAMPLE LOCATION : CRMW 3B-63 Collar Elv (ft) : N/A Reporting Period 2020 2nd Qtr

**Results of Profile / Analyses**

Description	Standards	2nd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X0D0028-07
Sample Date	-	04/01/2020
Lab Test Date	-	04/17/2020
Sampled By	-	

pH Field (pH unit)	6.00-9.00	6.87
Acidity, Total as CaCO <sub>3</sub> (mg/L)	---	<10.0
Alkalinity - Bicarbonate as CaCO <sub>3</sub> (mg/L)	---	148
Alkalinity - Carbonate as CaCO <sub>3</sub> (mg/L)	---	<1.0
Alkalinity - Total as CaCO <sub>3</sub> (mg/L)	---	148
Aluminium - Dissolved (mg/L)	7.0000	<0.08
Ammonia (mg/L)	---	0.030
Arsenic - Dissolved (mg/L)	0.0100	<0.00300
Barium - Dissolved (mg/L)	2.0000	0.0144
Beryllium - Dissolved (mg/L)	0.0040	0.00229
Boron - Dissolved (mg/L)	0.7500	0.075
Cadmium - Dissolved (mg/L)	0.0050	0.00053
Calcium - Dissolved (mg/L)	---	340
Chloride - Total (mg/L)	---	323
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	0.0379
Copper - Dissolved (mg/L)	0.2000	0.00178
Cyanide - Free (mg/L)	0.2000	<0.0050
Cyanide - Total (mg/L)	---	<0.0100
Cyanide - WAD (mg/L)	0.2000	<0.0100
Fluoride - Total F (mg/L)	2.0000	3.48
Iron - Dissolved (mg/L)	14.0000	0.317
Lead - Dissolved (mg/L)	0.0500	<0.00300
Lithium - Dissolved (mg/L)	2.5000	0.111
Manganese - Dissolved (mg/L)	8.1000	3.88
Mercury - Dissolved (mg/L)	0.00200000	<0.00020
Molybdenum - Dissolved (mg/L)	0.2100	0.00645
Nickel - Dissolved (mg/L)	0.2000	<0.0100
Nitrate as Nitrogen (mg/L)	10.0000	0.261
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	0.280
No Sample Reason	---	Sample Collected
Selenium - Dissolved (mg/L)	0.0240	<0.0030
Silver - Dissolved (mg/L)	0.0500	<0.000100
Sodium - Dissolved (mg/L)	---	98.0
Sulfate - Total (mg/L)	1070.00	745
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	1730
Total Suspended Solids (mg/L)	---	<5.0
Uranium - Dissolved (mg/L)	0.0300	0.0279
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	0.077

SAMPLE LOCATION : CRMW 3C-124

Collar Elv (ft) : N/A

Reporting Period 2020 2nd Qtr

**Results of Profile / Analyses**

Description	Standards	2nd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X0E0118-01RE1
Sample Date	-	05/06/2020
Lab Test Date	-	05/22/2020
Sampled By	-	

Acidity, Total as CaCO <sub>3</sub> (mg/L)	---	<10.0
Alkalinity - Bicarbonate as CaCO <sub>3</sub> (mg/L)	---	132
Alkalinity - Carbonate as CaCO <sub>3</sub> (mg/L)	---	<1.0
Alkalinity - Total as CaCO <sub>3</sub> (mg/L)	---	132
Aluminium - Dissolved (mg/L)	7.0000	<0.08
Ammonia (mg/L)	---	0.088
Arsenic - Dissolved (mg/L)	0.0100	<0.00300
Barium - Dissolved (mg/L)	2.0000	0.0178
Beryllium - Dissolved (mg/L)	0.0040	0.00021
Boron - Dissolved (mg/L)	0.7500	0.051
Cadmium - Dissolved (mg/L)	0.0050	<0.00020
Calcium - Dissolved (mg/L)	---	302
Chloride - Total (mg/L)	---	207
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	0.0136
Copper - Dissolved (mg/L)	0.2000	<0.0010
Cyanide - Free (mg/L)	0.2000	<0.0050
Cyanide - Total (mg/L)	---	<0.010
Cyanide - WAD (mg/L)	0.2000	<0.010
Fluoride - Total F (mg/L)	2.0000	1.51
Iron - Dissolved (mg/L)	14.0000	4.01
Lead - Dissolved (mg/L)	0.0500	<0.00300
Lithium - Dissolved (mg/L)	2.5000	0.080
Manganese - Dissolved (mg/L)	8.1000	1.34
Mercury - Dissolved (mg/L)	0.00200000	<0.00020
Molybdenum - Dissolved (mg/L)	0.2100	0.00136
Nickel - Dissolved (mg/L)	0.2000	<0.010
Nitrate as Nitrogen (mg/L)	10.0000	3.33
Nitrite as Nitrogen (mg/L)	1.0000	0.07
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	3.41
Selenium - Dissolved (mg/L)	0.0240	<0.00300
Silver - Dissolved (mg/L)	0.0500	<0.00010
Sodium - Dissolved (mg/L)	---	46.0
Sulfate - Total (mg/L)	250.00	662
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	1510
Total Suspended Solids (mg/L)	---	7.0
Uranium - Dissolved (mg/L)	0.0300	0.00960
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.010



SAMPLE LOCATION : CRMW 5A-205

Collar Elv (ft) : N/A

Reporting Period 2020 2nd Qtr

**Results of Profile / Analyses**

Description	Standards	2nd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X0D0145-03
Sample Date	-	04/08/2020
Lab Test Date	-	04/17/2020
Sampled By	-	

Acidity, Total as CaCO <sub>3</sub> (mg/L)	---	<10.0
Alkalinity - Bicarbonate as CaCO <sub>3</sub> (mg/L)	---	164
Alkalinity - Carbonate as CaCO <sub>3</sub> (mg/L)	---	<1.0
Alkalinity - Total as CaCO <sub>3</sub> (mg/L)	---	164
Aluminium - Dissolved (mg/L)	7.0000	<0.08
Ammonia (mg/L)	---	<0.030
Arsenic - Dissolved (mg/L)	0.0100	<0.00300
Barium - Dissolved (mg/L)	2.0000	0.0548
Beryllium - Dissolved (mg/L)	0.0040	<0.00020
Boron - Dissolved (mg/L)	0.7500	0.070
Cadmium - Dissolved (mg/L)	0.0050	<0.00020
Calcium - Dissolved (mg/L)	---	89.5
Chloride - Total (mg/L)	---	14.3
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	0.00271
Copper - Dissolved (mg/L)	0.2000	0.00460
Cyanide - Free (mg/L)	0.2000	<0.0050
Cyanide - Total (mg/L)	---	<0.0100
Cyanide - WAD (mg/L)	0.2000	<0.0100
Fluoride - Total F (mg/L)	2.0000	1.78
Iron - Dissolved (mg/L)	14.0000	<0.100
Lead - Dissolved (mg/L)	0.0500	<0.00300
Lithium - Dissolved (mg/L)	2.5000	0.053
Manganese - Dissolved (mg/L)	3.0000	0.105
Mercury - Dissolved (mg/L)	0.00200000	<0.00020
Molybdenum - Dissolved (mg/L)	0.2100	0.0207
Nickel - Dissolved (mg/L)	0.2000	<0.0100
Nitrate as Nitrogen (mg/L)	10.0000	0.086
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	<0.100
Selenium - Dissolved (mg/L)	0.0240	<0.0030
Silver - Dissolved (mg/L)	0.0500	<0.000100
Sodium - Dissolved (mg/L)	---	34.7
Sulfate - Total (mg/L)	250.00	176
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	464
Total Suspended Solids (mg/L)	---	81.0
Uranium - Dissolved (mg/L)	0.0300	0.0820
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.010

SAMPLE LOCATION : CRMW 5B-143

Collar Elv (ft) : N/A

Reporting Period 2020 2nd Qtr

**Results of Profile / Analyses**

Description	Standards	2nd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X0D0145-02
Sample Date	-	04/08/2020
Lab Test Date	-	04/17/2020
Sampled By	-	

Acidity, Total as CaCO <sub>3</sub> (mg/L)	---	<10.0
Alkalinity - Bicarbonate as CaCO <sub>3</sub> (mg/L)	---	116
Alkalinity - Carbonate as CaCO <sub>3</sub> (mg/L)	---	<1.0
Alkalinity - Total as CaCO <sub>3</sub> (mg/L)	---	116
Aluminium - Dissolved (mg/L)	7.0000	<0.08
Ammonia (mg/L)	---	<0.030
Arsenic - Dissolved (mg/L)	0.0100	<0.00300
Barium - Dissolved (mg/L)	2.0000	0.0208
Beryllium - Dissolved (mg/L)	0.0040	<0.00020
Boron - Dissolved (mg/L)	0.7500	<0.040
Cadmium - Dissolved (mg/L)	0.0050	<0.00020
Calcium - Dissolved (mg/L)	---	61.0
Chloride - Total (mg/L)	---	12.0
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	0.00388
Copper - Dissolved (mg/L)	0.2000	<0.00100
Cyanide - Free (mg/L)	0.2000	<0.0050
Cyanide - Total (mg/L)	---	<0.0100
Cyanide - WAD (mg/L)	0.2000	<0.0100
Fluoride - Total F (mg/L)	2.0000	2.72
Iron - Dissolved (mg/L)	14.0000	0.272
Lead - Dissolved (mg/L)	0.0500	<0.00300
Lithium - Dissolved (mg/L)	2.5000	<0.040
Manganese - Dissolved (mg/L)	3.0000	0.331
Mercury - Dissolved (mg/L)	0.00200000	<0.00020
Molybdenum - Dissolved (mg/L)	0.2100	0.00554
Nickel - Dissolved (mg/L)	0.2000	<0.0100
Nitrate as Nitrogen (mg/L)	10.0000	<0.050
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	<0.100
Selenium - Dissolved (mg/L)	0.0240	<0.0030
Silver - Dissolved (mg/L)	0.0500	<0.000100
Sodium - Dissolved (mg/L)	---	14.0
Sulfate - Total (mg/L)	250.00	93.3
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	296
Total Suspended Solids (mg/L)	---	<5.0
Uranium - Dissolved (mg/L)	0.0300	0.00750
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.010

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 2020 2nd Qtr

**Results of Profile / Analyses**

Description	Standards	2nd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X0D0145-01
Sample Date	-	04/08/2020
Lab Test Date	-	04/17/2020
Sampled By	-	

Acidity, Total as CaCO3 (mg/L)	---	<10.0
Alkalinity - Bicarbonate as CaCO3 (mg/L)	---	57.5
Alkalinity - Carbonate as CaCO3 (mg/L)	---	<1.0
Alkalinity - Total as CaCO3 (mg/L)	---	57.5
Aluminium - Dissolved (mg/L)	7.0000	<0.08
Ammonia (mg/L)	---	<0.030
Arsenic - Dissolved (mg/L)	0.0100	<0.00300
Barium - Dissolved (mg/L)	2.0000	0.0069
Beryllium - Dissolved (mg/L)	0.0040	<0.00020
Boron - Dissolved (mg/L)	0.7500	<0.040
Cadmium - Dissolved (mg/L)	0.0050	<0.00020
Calcium - Dissolved (mg/L)	---	33.2
Chloride - Total (mg/L)	---	7.66
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	0.00105
Copper - Dissolved (mg/L)	0.2000	<0.00100
Cyanide - Free (mg/L)	0.2000	<0.0050
Cyanide - Total (mg/L)	---	<0.0100
Cyanide - WAD (mg/L)	0.2000	<0.0100
Fluoride - Total F (mg/L)	2.0000	2.98
Iron - Dissolved (mg/L)	14.0000	<0.100
Lead - Dissolved (mg/L)	0.0500	<0.00300
Lithium - Dissolved (mg/L)	2.5000	<0.040
Manganese - Dissolved (mg/L)	3.0000	<0.0080
Mercury - Dissolved (mg/L)	0.00200000	<0.00020
Molybdenum - Dissolved (mg/L)	0.2100	<0.00100
Nickel - Dissolved (mg/L)	0.2000	<0.0100
Nitrate as Nitrogen (mg/L)	10.0000	0.165
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	0.165
Selenium - Dissolved (mg/L)	0.0240	<0.0030
Silver - Dissolved (mg/L)	0.0500	<0.000100
Sodium - Dissolved (mg/L)	---	10.6
Sulfate - Total (mg/L)	250.00	55.9
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	181
Total Suspended Solids (mg/L)	---	<5.0
Uranium - Dissolved (mg/L)	0.0300	0.00100
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.010

SAMPLE LOCATION : CRMW 5D-27 Collar Elv (ft) : N/A Reporting Period 2020 2nd Qtr

**Results of Profile / Analyses**

Description	Standards	2nd Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	04/08/2020
Lab Test Date	-	
Sampled By	-	

No Sample Reason	---	Dry
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SAMPLE LOCATION : ESPMW Collar Elv (ft) : N/A Reporting Period 2020 2nd Qtr

**Results of Profile / Analyses**

Description	Standards	2nd Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	05/07/2020
Lab Test Date	-	
Sampled By	-	

No Sample Reason	---	Dry
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SAMPLE LOCATION : GVMW 8A-250Collar Elv (ft) : N/AReporting Period 2020 2nd Qtr**Results of Profile / Analyses**

Description	Standards	2nd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X0D0145-05
Sample Date	-	04/08/2020
Lab Test Date	-	04/17/2020
Sampled By	-	

pH Field (pH unit)	6.50-8.50	7.01
Acidity, Total as CaCO3 (mg/L)	---	<10.0
Alkalinity - Bicarbonate as CaCO3 (mg/L)	---	48.4
Alkalinity - Carbonate as CaCO3 (mg/L)	---	<1.0
Alkalinity - Total as CaCO3 (mg/L)	---	48.4
Aluminium - Dissolved (mg/L)	7.0000	<0.08
Ammonia (mg/L)	---	<0.030
Arsenic - Dissolved (mg/L)	0.0100	<0.00300
Barium - Dissolved (mg/L)	2.0000	<0.0020
Beryllium - Dissolved (mg/L)	0.0040	<0.00020
Boron - Dissolved (mg/L)	0.7500	<0.040
Cadmium - Dissolved (mg/L)	0.0050	<0.00020
Calcium - Dissolved (mg/L)	---	46.7
Chloride - Total (mg/L)	---	50.0
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	<0.00100
Copper - Dissolved (mg/L)	0.2000	0.00727
Cyanide - Free (mg/L)	0.2000	<0.0050
Cyanide - Total (mg/L)	---	<0.0100
Cyanide - WAD (mg/L)	0.2000	<0.0100
Flow (gpm)	---	.26
Fluoride - Total F (mg/L)	2.0000	1.89
Iron - Dissolved (mg/L)	14.0000	<0.100
Lead - Dissolved (mg/L)	0.0500	<0.00300
Lithium - Dissolved (mg/L)	2.5000	<0.040
Manganese - Dissolved (mg/L)	1.0000	<0.0080
Mercury - Dissolved (mg/L)	0.00200000	<0.00020
Molybdenum - Dissolved (mg/L)	0.2100	<0.00100
Nickel - Dissolved (mg/L)	0.2000	<0.0100
Nitrate as Nitrogen (mg/L)	10.0000	1.18
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	1.18
No Sample Reason	---	Sample Collected
Selenium - Dissolved (mg/L)	0.0240	<0.0030
Silver - Dissolved (mg/L)	0.0500	<0.000100
Sodium - Dissolved (mg/L)	---	23.6
Sulfate - Total (mg/L)	250.00	65.0
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	271
Total Suspended Solids (mg/L)	---	<5.0
Uranium - Dissolved (mg/L)	0.0300	0.00439
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.010

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 2020 2nd Qtr

**Results of Profile / Analyses**

Description	Standards	2nd Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	04/08/2020
Lab Test Date	-	
Sampled By	-	

No Sample Reason	---	Dry
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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 2020 2nd Qtr

**Results of Profile / Analyses**

Description	Standards	2nd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X0D0222-01
Sample Date	-	04/14/2020
Lab Test Date	-	04/24/2020
Sampled By	-	

pH Field (pH unit)	6.00-8.50	7.74
Acidity, Total as CaCO3 (mg/L)	---	<10.0
Alkalinity - Bicarbonate as CaCO3 (mg/L)	---	164
Alkalinity - Carbonate as CaCO3 (mg/L)	---	<1.0
Alkalinity - Total as CaCO3 (mg/L)	---	164
Aluminium - Dissolved (mg/L)	7.0000	<0.08
Ammonia (mg/L)	---	<0.030
Arsenic - Dissolved (mg/L)	0.0100	<0.00300
Barium - Dissolved (mg/L)	2.0000	0.114
Beryllium - Dissolved (mg/L)	0.0040	<0.00020
Boron - Dissolved (mg/L)	0.7500	<0.040
Cadmium - Dissolved (mg/L)	0.0050	<0.00020
Calcium - Dissolved (mg/L)	---	30.3
Chloride - Total (mg/L)	---	3.64
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	<0.00100
Copper - Dissolved (mg/L)	0.2000	<0.00100
Cyanide - Free (mg/L)	0.2000	<0.0050
Cyanide - Total (mg/L)	---	<0.0100
Cyanide - WAD (mg/L)	0.2000	<0.0100
Flow (gpm)	---	.2
Fluoride - Total F (mg/L)	2.0000	2.08
Iron - Dissolved (mg/L)	14.0000	<0.100
Lead - Dissolved (mg/L)	0.0500	<0.00300
Lithium - Dissolved (mg/L)	2.5000	<0.040
Manganese - Dissolved (mg/L)	3.0000	0.264
Mercury - Dissolved (mg/L)	0.00200000	<0.00020
Molybdenum - Dissolved (mg/L)	0.2100	0.0108
Nickel - Dissolved (mg/L)	0.2000	<0.0100
Nitrate as Nitrogen (mg/L)	10.0000	<0.050
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	<0.100
No Sample Reason	---	Sample Collected
Selenium - Dissolved (mg/L)	0.0240	<0.0030
Silver - Dissolved (mg/L)	0.0500	<0.000100
Sodium - Dissolved (mg/L)	---	37.0
Sulfate - Total (mg/L)	250.00	33.3
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	201
Total Suspended Solids (mg/L)	---	<5.0
Uranium - Dissolved (mg/L)	0.0300	0.00361
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.010

\* Standard is for Reference Only



SAMPLE LOCATION : GVMW 22B-30Collar Elv (ft) : N/AReporting Period 2020 2nd Qtr**Results of Profile / Analyses**

Description	Standards	2nd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X0D0222-02
Sample Date	-	04/14/2020
Lab Test Date	-	04/24/2020
Sampled By	-	

pH Field (pH unit)	6.00-8.50	6.7
Acidity, Total as CaCO3 (mg/L)	---	<10.0
Alkalinity - Bicarbonate as CaCO3 (mg/L)	---	80.6
Alkalinity - Carbonate as CaCO3 (mg/L)	---	<1.0
Alkalinity - Total as CaCO3 (mg/L)	---	80.6
Aluminium - Dissolved (mg/L)	7.0000	<0.08
Ammonia (mg/L)	---	<0.030
Arsenic - Dissolved (mg/L)	0.0100	<0.00300
Barium - Dissolved (mg/L)	2.0000	0.0519
Beryllium - Dissolved (mg/L)	0.0040	<0.00020
Boron - Dissolved (mg/L)	0.7500	<0.040
Cadmium - Dissolved (mg/L)	0.0050	<0.00020
Calcium - Dissolved (mg/L)	---	38.0
Chloride - Total (mg/L)	---	7.08
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	<0.00100
Copper - Dissolved (mg/L)	0.2000	<0.00100
Cyanide - Free (mg/L)	0.2000	<0.0050
Cyanide - Total (mg/L)	---	<0.0100
Cyanide - WAD (mg/L)	0.2000	<0.0100
Flow (gpm)	---	.2
Fluoride - Total F (mg/L)	2.0000	0.347
Iron - Dissolved (mg/L)	14.0000	<0.100
Lead - Dissolved (mg/L)	0.0500	<0.00300
Lithium - Dissolved (mg/L)	2.5000	<0.040
Manganese - Dissolved (mg/L)	3.0000	0.0112
Mercury - Dissolved (mg/L)	0.00200000	<0.00020
Molybdenum - Dissolved (mg/L)	0.2100	0.00191
Nickel - Dissolved (mg/L)	0.2000	<0.0100
Nitrate as Nitrogen (mg/L)	10.0000	0.421
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	0.421
No Sample Reason	---	Sample Collected
Selenium - Dissolved (mg/L)	0.0240	<0.0030
Silver - Dissolved (mg/L)	0.0500	<0.000100
Sodium - Dissolved (mg/L)	---	26.0
Sulfate - Total (mg/L)	250.00	92.7
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	189
Total Suspended Solids (mg/L)	---	<5.0
Uranium - Dissolved (mg/L)	0.0300	0.00131
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.010

SAMPLE LOCATION : GVMW-25Collar Elv (ft) : N/AReporting Period 2020 2nd Qtr**Results of Profile / Analyses**

Description	Standards	2nd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X0D0333-01
Sample Date	-	04/21/2020
Lab Test Date	-	05/05/2020
Sampled By	-	

pH Field (pH unit)	6.00-8.50	8.26
Acidity, Total as CaCO <sub>3</sub> (mg/L)	---	<10.0
Alkalinity - Bicarbonate as CaCO <sub>3</sub> (mg/L)	---	102
Alkalinity - Carbonate as CaCO <sub>3</sub> (mg/L)	---	<1.0
Alkalinity - Total as CaCO <sub>3</sub> (mg/L)	---	102
Aluminium - Dissolved (mg/L)	7.0000	<0.08
Ammonia (mg/L)	---	<0.030
Arsenic - Dissolved (mg/L)	0.0100	<0.00300
Barium - Dissolved (mg/L)	2.0000	0.0529
Beryllium - Dissolved (mg/L)	0.0040	<0.00020
Boron - Dissolved (mg/L)	0.7500	<0.040
Cadmium - Dissolved (mg/L)	0.0050	<0.00020
Calcium - Dissolved (mg/L)	---	69.1
Chloride - Total (mg/L)	---	8.64
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	0.00213
Copper - Dissolved (mg/L)	0.2000	<0.00100
Cyanide - Free (mg/L)	0.2000	<0.0050
Cyanide - Total (mg/L)	---	<0.0100
Cyanide - WAD (mg/L)	0.2000	<0.0100
Flow (gpm)	---	.1
Fluoride - Total F (mg/L)	2.0000	0.729
Iron - Dissolved (mg/L)	14.0000	<0.100
Lead - Dissolved (mg/L)	0.0500	<0.00300
Lithium - Dissolved (mg/L)	2.5000	<0.040
Manganese - Dissolved (mg/L)	3.0000	<0.0080
Mercury - Dissolved (mg/L)	0.00200000	<0.00020
Molybdenum - Dissolved (mg/L)	0.2100	0.00266
Nickel - Dissolved (mg/L)	0.2000	<0.0100
Nitrate as Nitrogen (mg/L)	10.0000	1.48
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	1.48
No Sample Reason	---	Sample Collected
Selenium - Dissolved (mg/L)	0.0240	<0.0030
Silver - Dissolved (mg/L)	0.0500	<0.000100
Sodium - Dissolved (mg/L)	---	21.3
Sulfate - Total (mg/L)	250.00	190
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	422
Total Suspended Solids (mg/L)	---	26.0
Uranium - Dissolved (mg/L)	0.0300	0.00266
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.010

SAMPLE LOCATION : PGMW-2 Collar Elev (ft) : N/A Reporting Period 2020 2nd Qtr

**Results of Profile / Analyses**

Description	Standards	2nd Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	05/07/2020
Lab Test Date	-	
Sampled By	-	

No Sample Reason	---	Dry
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SAMPLE LOCATION : PGMW-3 Collar Elv (ft) : N/A Reporting Period 2020 2nd Qtr

**Results of Profile / Analyses**

Description	Standards	2nd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X0D0333-02
Sample Date	-	04/21/2020
Lab Test Date	-	05/05/2020
Sampled By	-	

pH Field (pH unit)	6.00-8.50	3.89
Acidity, Total as CaCO <sub>3</sub> (mg/L)	---	103
Alkalinity - Bicarbonate as CaCO <sub>3</sub> (mg/L)	---	<1.0
Alkalinity - Carbonate as CaCO <sub>3</sub> (mg/L)	---	<1.0
Alkalinity - Total as CaCO <sub>3</sub> (mg/L)	---	<1.0
Aluminium - Dissolved (mg/L)	7.0000	16.7
Ammonia (mg/L)	---	<0.030
Arsenic - Dissolved (mg/L)	0.0100	<0.00300
Barium - Dissolved (mg/L)	2.0000	0.0286
Beryllium - Dissolved (mg/L)	0.0040	0.00105
Boron - Dissolved (mg/L)	0.7500	<0.040
Cadmium - Dissolved (mg/L)	0.0050	0.0121
Calcium - Dissolved (mg/L)	---	131
Chloride - Total (mg/L)	---	38.0
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	0.0574
Copper - Dissolved (mg/L)	0.2000	1.41
Cyanide - Free (mg/L)	0.2000	<0.0050
Cyanide - Total (mg/L)	---	<0.0100
Cyanide - WAD (mg/L)	0.2000	<0.0100
Flow (gpm)	---	.2
Fluoride - Total F (mg/L)	2.0000	2.82
Iron - Dissolved (mg/L)	14.0000	0.437
Lead - Dissolved (mg/L)	0.0500	<0.00300
Lithium - Dissolved (mg/L)	2.5000	<0.040
Manganese - Dissolved (mg/L)	3.0000	10.7
Mercury - Dissolved (mg/L)	0.00200000	<0.00020
Molybdenum - Dissolved (mg/L)	0.2100	<0.00100
Nickel - Dissolved (mg/L)	0.2000	0.118
Nitrate as Nitrogen (mg/L)	10.0000	13.0
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	13.0
No Sample Reason	---	Sample Collected
Selenium - Dissolved (mg/L)	0.0240	<0.0030
Silver - Dissolved (mg/L)	0.0500	<0.000100
Sodium - Dissolved (mg/L)	---	16.4
Sulfate - Total (mg/L)	250.00	551
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	900
Total Suspended Solids (mg/L)	---	28.0
Uranium - Dissolved (mg/L)	0.0300	0.00252
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	1.53

SAMPLE LOCATION : PGMW-4 Collar Elv (ft) : N/A Reporting Period 2020 2nd Qtr

**Results of Profile / Analyses**

Description	Standards	2nd Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	05/07/2020
Lab Test Date	-	
Sampled By	-	

No Sample Reason	---	Dry
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SAMPLE LOCATION : SGMW-5Collar Elv (ft) : N/AReporting Period 2020 2nd Qtr**Results of Profile / Analyses**

Description	Standards	2nd Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	05/07/2020
Lab Test Date	-	
Sampled By	-	

No Sample Reason	---	Dry
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SAMPLE LOCATION : SGMW 6A-400 Collar Elv (ft) : N/A Reporting Period 2020 2nd Qtr

**Results of Profile / Analyses**

Description	Standards	2nd Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	05/07/2020
Lab Test Date	-	
Sampled By	-	

No Sample Reason	---	Dry
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SAMPLE LOCATION : SGMW 6B-60Collar Elv (ft) : N/AReporting Period 2020 2nd Qtr**Results of Profile / Analyses**

Description	Standards	2nd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X0D0145-04
Sample Date	-	04/08/2020
Lab Test Date	-	04/17/2020
Sampled By	-	

pH Field (pH unit)	6.00-8.50	6.27
Acidity, Total as CaCO3 (mg/L)	---	<10.0
Alkalinity - Bicarbonate as CaCO3 (mg/L)	---	158
Alkalinity - Carbonate as CaCO3 (mg/L)	---	<1.0
Alkalinity - Total as CaCO3 (mg/L)	---	158
Aluminium - Dissolved (mg/L)	7.0000	0.11
Ammonia (mg/L)	---	0.052
Arsenic - Dissolved (mg/L)	0.0100	0.00349
Barium - Dissolved (mg/L)	2.0000	0.0105
Beryllium - Dissolved (mg/L)	0.0040	0.0446
Boron - Dissolved (mg/L)	0.7500	0.117
Cadmium - Dissolved (mg/L)	0.0050	0.00024
Calcium - Dissolved (mg/L)	---	381
Chloride - Total (mg/L)	---	141
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	0.0139
Copper - Dissolved (mg/L)	0.2000	0.00116
Cyanide - Free (mg/L)	0.2000	<0.0050
Cyanide - Total (mg/L)	---	<0.0100
Cyanide - WAD (mg/L)	0.2000	<0.0100
Flow (gpm)	---	.25
Fluoride - Total F (mg/L)	2.0000	6.83
Iron - Dissolved (mg/L)	14.0000	12.6
Lead - Dissolved (mg/L)	0.0500	<0.00300
Lithium - Dissolved (mg/L)	2.5000	0.104
Manganese - Dissolved (mg/L)	3.0000	6.46
Mercury - Dissolved (mg/L)	0.00200000	<0.00020
Molybdenum - Dissolved (mg/L)	0.2100	0.00168
Nickel - Dissolved (mg/L)	0.2000	0.0144
Nitrate as Nitrogen (mg/L)	10.0000	<0.050
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	<0.100
No Sample Reason	---	Sample Collected
Selenium - Dissolved (mg/L)	0.0240	<0.0030
Silver - Dissolved (mg/L)	0.0500	0.000400
Sodium - Dissolved (mg/L)	---	51.0
Sulfate - Total (mg/L)	250.00	905
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	1700
Total Suspended Solids (mg/L)	---	15.0
Uranium - Dissolved (mg/L)	0.0300	0.00271
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	0.091



SAMPLE LOCATION : SGMW 7A-400Collar Elv (ft) : N/AReporting Period 2020 2nd Qtr**Results of Profile / Analyses**

Description	Standards	2nd Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	04/28/2020
Lab Test Date	-	
Sampled By	-	

pH Field (pH unit)	6.00-8.50	7.26
Flow (gpm)	---	.13
No Sample Reason	---	Sample Collected

SAMPLE LOCATION : SGMW 7B-60 Collar Elv (ft) : N/A Reporting Period 2020 2nd Qtr

**Results of Profile / Analyses**

Description	Standards	2nd Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	04/15/2020
Lab Test Date	-	
Sampled By	-	

No Sample Reason	---	Dry
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SAMPLE LOCATION : VIN 2A-270 Collar Elv (ft) : N/A Reporting Period 2020 2nd Qtr

**Results of Profile / Analyses**

Description	Standards	2nd Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	04/01/2020
Lab Test Date	-	
Sampled By	-	

No Sample Reason	---	Dry
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SAMPLE LOCATION : VIN 2B-140

Collar Elv (ft) : N/A

Reporting Period 2020 2nd Qtr

**Results of Profile / Analyses**

Description	Standards	2nd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X0D0028-08RE1
Sample Date	-	04/01/2020
Lab Test Date	-	04/17/2020
Sampled By	-	

pH Field (pH unit)	6.50-8.50	7.38
Acidity, Total as CaCO <sub>3</sub> (mg/L)	---	<10.0
Alkalinity - Bicarbonate as CaCO <sub>3</sub> (mg/L)	---	69.1
Alkalinity - Carbonate as CaCO <sub>3</sub> (mg/L)	---	<1.0
Alkalinity - Total as CaCO <sub>3</sub> (mg/L)	---	69.1
Aluminium - Dissolved (mg/L)	7.0000	<0.08
Ammonia (mg/L)	---	<0.030
Arsenic - Dissolved (mg/L)	0.0100	<0.00300
Barium - Dissolved (mg/L)	2.0000	0.0087
Beryllium - Dissolved (mg/L)	0.0040	<0.00020
Boron - Dissolved (mg/L)	0.7500	<0.040
Cadmium - Dissolved (mg/L)	0.0050	<0.00020
Calcium - Dissolved (mg/L)	---	207
Chloride - Total (mg/L)	---	9.96
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	0.00741
Copper - Dissolved (mg/L)	0.2000	0.00154
Cyanide - Free (mg/L)	0.2000	<0.0050
Cyanide - Total (mg/L)	---	<0.0100
Cyanide - WAD (mg/L)	0.2000	<0.0100
Fluoride - Total F (mg/L)	2.0000	<2.50
Iron - Dissolved (mg/L)	14.0000	<0.100
Lead - Dissolved (mg/L)	0.0500	<0.00300
Lithium - Dissolved (mg/L)	2.5000	<0.040
Manganese - Dissolved (mg/L)	4.0000	3.07
Mercury - Dissolved (mg/L)	0.00200000	<0.00020
Molybdenum - Dissolved (mg/L)	0.2100	<0.00100
Nickel - Dissolved (mg/L)	0.2000	<0.0100
Nitrate as Nitrogen (mg/L)	10.0000	<0.050
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	<0.100
No Sample Reason	---	Sample Collected
Selenium - Dissolved (mg/L)	0.0240	<0.0030
Silver - Dissolved (mg/L)	0.0500	<0.000100
Sodium - Dissolved (mg/L)	---	32.8
Sulfate - Total (mg/L)	800.00	723
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	1120
Total Suspended Solids (mg/L)	---	6.0
Uranium - Dissolved (mg/L)	0.0300	<0.00100
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.010

SAMPLE LOCATION : WCMW 3-134Collar Elv (ft) : N/AReporting Period 2020 2nd Qtr**Results of Profile / Analyses**

Description	Standards	2nd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X0D0372-02
Sample Date	-	04/22/2020
Lab Test Date	-	05/06/2020
Sampled By	-	

pH Field (pH unit)	6.00-9.00	7.72
Acidity, Total as CaCO <sub>3</sub> (mg/L)	---	<10.0
Alkalinity - Bicarbonate as CaCO <sub>3</sub> (mg/L)	---	210
Alkalinity - Carbonate as CaCO <sub>3</sub> (mg/L)	---	<1.0
Alkalinity - Total as CaCO <sub>3</sub> (mg/L)	---	210
Aluminium - Dissolved (mg/L)	7.0000	<0.08
Ammonia (mg/L)	---	0.051
Arsenic - Dissolved (mg/L)	0.0100	<0.00300
Barium - Dissolved (mg/L)	2.0000	0.0723
Beryllium - Dissolved (mg/L)	0.0040	<0.00020
Boron - Dissolved (mg/L)	0.7500	<0.040
Cadmium - Dissolved (mg/L)	0.0050	<0.00020
Calcium - Dissolved (mg/L)	---	58.9
Chloride - Total (mg/L)	---	1.30
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	<0.00100
Copper - Dissolved (mg/L)	0.2000	<0.00100
Cyanide - Free (mg/L)	0.2000	<0.0050
Cyanide - Total (mg/L)	---	<0.0100
Cyanide - WAD (mg/L)	0.2000	<0.0100
Flow (gpm)	---	.5
Fluoride - Total F (mg/L)	2.0000	0.804
Iron - Dissolved (mg/L)	14.0000	0.166
Lead - Dissolved (mg/L)	0.0500	<0.00300
Lithium - Dissolved (mg/L)	2.5000	<0.040
Manganese - Dissolved (mg/L)	0.5000	0.312
Mercury - Dissolved (mg/L)	0.00200000	<0.00020
Molybdenum - Dissolved (mg/L)	0.2100	0.00413
Nickel - Dissolved (mg/L)	0.2000	<0.0100
Nitrate as Nitrogen (mg/L)	10.0000	<0.050
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	<0.100
No Sample Reason	---	Sample Collected
Selenium - Dissolved (mg/L)	0.0240	<0.0030
Silver - Dissolved (mg/L)	0.0500	<0.000100
Sodium - Dissolved (mg/L)	---	11.1
Sulfate - Total (mg/L)	250.00	24.8
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	267
Total Suspended Solids (mg/L)	---	<5.0
Uranium - Dissolved (mg/L)	0.0300	0.00625
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.010

SAMPLE LOCATION : WCMW 6-234

Collar Elv (ft) : N/A

Reporting Period 2020 2nd Qtr

**Results of Profile / Analyses**

Description	Standards	2nd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X0D0372-03
Sample Date	-	04/22/2020
Lab Test Date	-	05/06/2020
Sampled By	-	

pH Field (pH unit)	6.50-8.50	7.09
Acidity, Total as CaCO <sub>3</sub> (mg/L)	---	<10.0
Alkalinity - Bicarbonate as CaCO <sub>3</sub> (mg/L)	---	131
Alkalinity - Carbonate as CaCO <sub>3</sub> (mg/L)	---	<1.0
Alkalinity - Total as CaCO <sub>3</sub> (mg/L)	---	131
Aluminium - Dissolved (mg/L)	7.0000	<0.08
Ammonia (mg/L)	---	0.090
Arsenic - Dissolved (mg/L)	0.0100	<0.00300
Barium - Dissolved (mg/L)	2.0000	0.0437
Beryllium - Dissolved (mg/L)	0.0040	<0.00020
Boron - Dissolved (mg/L)	0.7500	<0.040
Cadmium - Dissolved (mg/L)	0.0050	<0.00020
Calcium - Dissolved (mg/L)	---	41.9
Chloride - Total (mg/L)	---	2.36
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	<0.00100
Copper - Dissolved (mg/L)	0.2000	<0.00100
Cyanide - Free (mg/L)	0.2000	<0.0050
Cyanide - Total (mg/L)	---	<0.0100
Cyanide - WAD (mg/L)	0.2000	<0.0100
Flow (gpm)	---	.5
Fluoride - Total F (mg/L)	2.0000	2.09
Iron - Dissolved (mg/L)	14.0000	0.876
Lead - Dissolved (mg/L)	0.0500	<0.00300
Lithium - Dissolved (mg/L)	2.5000	<0.040
Manganese - Dissolved (mg/L)	0.5000	0.245
Mercury - Dissolved (mg/L)	0.00200000	<0.00020
Molybdenum - Dissolved (mg/L)	0.2100	0.00479
Nickel - Dissolved (mg/L)	0.2000	<0.0100
Nitrate as Nitrogen (mg/L)	10.0000	<0.050
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	<0.100
No Sample Reason	---	Sample Collected
Selenium - Dissolved (mg/L)	0.0240	<0.0030
Silver - Dissolved (mg/L)	0.0500	<0.000100
Sodium - Dissolved (mg/L)	---	16.1
Sulfate - Total (mg/L)	250.00	52.7
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	263
Total Suspended Solids (mg/L)	---	<5.0
Uranium - Dissolved (mg/L)	0.0300	<0.00100
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.010

## Surface Water

SAMPLE LOCATION : AG 2.0Collar Elev (ft) : N/AReporting Period 2020 2nd Qtr**Results of Profile / Analyses**

Description	Standards	2nd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X0D0120-03
Sample Date	-	04/07/2020
Lab Test Date	-	04/16/2020
Sampled By	-	

pH Field (pH unit)	6.0 – 9.0	7.56
Acidity, Total as CaCO <sub>3</sub> (mg/L)	---	<10.0
Alkalinity - Bicarbonate as CaCO <sub>3</sub> (mg/L)	---	15.8
Alkalinity - Carbonate as CaCO <sub>3</sub> (mg/L)	---	<1.0
Alkalinity - Total as CaCO <sub>3</sub> (mg/L)	---	15.8
Aluminium - Dissolved (mg/L)	---	0.0860
Ammonia (mg/L)	TVS	<0.030
Arsenic - Dissolved (mg/L)	0.340	<0.00300
Barium - Dissolved (mg/L)	---	0.0339
Beryllium - Dissolved (mg/L)	---	<0.00020
Cadmium - Dissolved (mg/L)	TVS	<0.00020
Chloride - Total (mg/L)	---	7.81
Chromium - Dissolved (mg/L)	TVS	<0.0060
Copper - Dissolved (mg/L)	TVS	<0.0100
Cyanide - Free (mg/L)	0.005	<0.0050
Cyanide - Total (mg/L)	---	<0.0100
Cyanide - WAD (mg/L)	---	<0.0100
Fluoride - Total F (mg/L)	---	2.72
Iron - Dissolved (mg/L)	---	0.174
Lead - Dissolved (mg/L)	TVS	<0.00300
Manganese - Dissolved (mg/L)	3.674	0.0320
Mercury - Dissolved (mg/L)	0.010	<0.00020
Molybdenum - Dissolved (mg/L)	0.150	<0.008
Nickel - Dissolved (mg/L)	TVS	<0.0100
Nitrate as Nitrogen (mg/L)	100	0.061
Nitrite as Nitrogen (mg/L)	0.05	<0.050
No Sample Reason	---	Sample Collected
Selenium - Dissolved (mg/L)	TVS	<0.0030
Silver - Dissolved (mg/L)	TVS	<0.0050
Sulfate - Total (mg/L)	---	26.4
Thallium - Dissolved (mg/L)	---	<0.00100
Total Dissolved Solids (mg/L)	---	73
Total Suspended Solids (mg/L)	---	<5.0
Uranium - Dissolved (mg/L)	TVS	<0.00100
Zinc - Dissolved (mg/L)	0.600	<0.010



SAMPLE LOCATION : GV-02Collar Elv (ft) : N/AReporting Period 2020 2nd Qtr**Results of Profile / Analyses**

Description	Standards	2nd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X0D0120-02
Sample Date	-	04/07/2020
Lab Test Date	-	04/16/2020
Sampled By	-	

pH Field (pH unit)	6.5 – 9.0	5.97
Acidity, Total as CaCO <sub>3</sub> (mg/L)	---	21.6
Alkalinity - Bicarbonate as CaCO <sub>3</sub> (mg/L)	---	4.8
Alkalinity - Carbonate as CaCO <sub>3</sub> (mg/L)	---	<1.0
Alkalinity - Total as CaCO <sub>3</sub> (mg/L)	---	4.8
Aluminium - Dissolved (mg/L)	---	1.43
Ammonia (mg/L)	TVS	<0.030
Arsenic - Dissolved (mg/L)	.340	<0.00300
Barium - Dissolved (mg/L)	---	0.0262
Beryllium - Dissolved (mg/L)	---	0.00153
Cadmium - Dissolved (mg/L)	TVS	0.00532
Chloride - Total (mg/L)	250	14.4
Chromium - Dissolved (mg/L)	TVS	<0.0060
Copper - Dissolved (mg/L)	TVS	<0.0100
Cyanide - Free (mg/L)	0.005	<0.0050
Cyanide - Total (mg/L)	---	<0.0100
Cyanide - WAD (mg/L)	---	<0.0100
Flow (gpm)	---	1
Fluoride - Total F (mg/L)	---	2.69
Iron - Dissolved (mg/L)	---	<0.100
Lead - Dissolved (mg/L)	TVS	<0.00300
Manganese - Dissolved (mg/L)	TVS/WS	5.51
Mercury - Dissolved (mg/L)	0.00001	<0.00020
Molybdenum - Dissolved (mg/L)	---	<0.008
Nickel - Dissolved (mg/L)	TVS	0.0903
Nitrate as Nitrogen (mg/L)	10	<0.050
Nitrite as Nitrogen (mg/L)	0.05	<0.050
No Sample Reason	---	Sample Collected
Selenium - Dissolved (mg/L)	TVS	<0.0030
Silver - Dissolved (mg/L)	TVS(tr)	<0.0050
Sulfate - Total (mg/L)	250	504
Thallium - Dissolved (mg/L)	---	<0.00100
Total Dissolved Solids (mg/L)	---	812
Total Suspended Solids (mg/L)	---	17.0
Uranium - Dissolved (mg/L)	TVS	<0.00100
Zinc - Dissolved (mg/L)	TVS	2.34

SAMPLE LOCATION : GV-03Collar Elv (ft) : N/AReporting Period 2020 2nd Qtr**Results of Profile / Analyses**

Description	Standards	2nd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X0D0120-01
Sample Date	-	04/07/2020
Lab Test Date	-	04/16/2020
Sampled By	-	

pH Field (pH unit)	6.5 – 9.0	6.47
Acidity, Total as CaCO <sub>3</sub> (mg/L)	---	<10.0
Alkalinity - Bicarbonate as CaCO <sub>3</sub> (mg/L)	---	13.0
Alkalinity - Carbonate as CaCO <sub>3</sub> (mg/L)	---	<1.0
Alkalinity - Total as CaCO <sub>3</sub> (mg/L)	---	13.0
Aluminium - Dissolved (mg/L)	---	0.252
Ammonia (mg/L)	TVS	<0.030
Arsenic - Dissolved (mg/L)	.340	<0.00300
Barium - Dissolved (mg/L)	---	0.0578
Beryllium - Dissolved (mg/L)	---	<0.00020
Cadmium - Dissolved (mg/L)	TVS	0.00032
Chloride - Total (mg/L)	250	9.52
Chromium - Dissolved (mg/L)	TVS	<0.0060
Copper - Dissolved (mg/L)	TVS	<0.0100
Cyanide - Free (mg/L)	0.005	<0.0050
Cyanide - Total (mg/L)	---	<0.0100
Cyanide - WAD (mg/L)	---	<0.0100
Flow (gpm)	---	0
Fluoride - Total F (mg/L)	---	1.30
Iron - Dissolved (mg/L)	---	<0.100
Lead - Dissolved (mg/L)	TVS	<0.00300
Manganese - Dissolved (mg/L)	TVS/WS	0.0584
Mercury - Dissolved (mg/L)	0.00001	<0.00020
Molybdenum - Dissolved (mg/L)	---	<0.008
Nickel - Dissolved (mg/L)	TVS	<0.0100
Nitrate as Nitrogen (mg/L)	10	0.121
Nitrite as Nitrogen (mg/L)	0.05	<0.050
No Sample Reason	---	Sample Collected
Selenium - Dissolved (mg/L)	TVS	<0.0030
Silver - Dissolved (mg/L)	TVS(tr)	<0.0050
Sulfate - Total (mg/L)	250	55.0
Thallium - Dissolved (mg/L)	---	<0.00100
Total Dissolved Solids (mg/L)	---	132
Total Suspended Solids (mg/L)	---	<5.0
Uranium - Dissolved (mg/L)	TVS	<0.00100
Zinc - Dissolved (mg/L)	TVS	0.047

SAMPLE LOCATION : WCSW-01Collar Elv (ft) : N/AReporting Period 2020 2nd Qtr**Results of Profile / Analyses**

Description	Standards	2nd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X0D0372-04
Sample Date	-	04/22/2020
Lab Test Date	-	05/06/2020
Sampled By	-	

pH Field (pH unit)	6.5 – 9.0	8.37
Acidity, Total as CaCO <sub>3</sub> (mg/L)	---	<10.0
Alkalinity - Bicarbonate as CaCO <sub>3</sub> (mg/L)	---	108
Alkalinity - Carbonate as CaCO <sub>3</sub> (mg/L)	---	<1.0
Alkalinity - Total as CaCO <sub>3</sub> (mg/L)	---	108
Aluminium - Dissolved (mg/L)	---	<0.0100
Ammonia (mg/L)	TVS	<0.030
Arsenic - Dissolved (mg/L)	.340	0.00323
Barium - Dissolved (mg/L)	---	0.0334
Beryllium - Dissolved (mg/L)	---	<0.00020
Cadmium - Dissolved (mg/L)	TVS	<0.00020
Chloride - Total (mg/L)	---	19.6
Chromium - Dissolved (mg/L)	TVS	<0.0060
Copper - Dissolved (mg/L)	TVS	0.00259
Cyanide - Free (mg/L)	0.005	<0.0050
Cyanide - Total (mg/L)	---	<0.0100
Cyanide - WAD (mg/L)	---	<0.0100
Flow (gpm)	---	155.2
Fluoride - Total F (mg/L)	---	1.21
Iron - Dissolved (mg/L)	---	<0.100
Lead - Dissolved (mg/L)	TVS	<0.00300
Manganese - Dissolved (mg/L)	TVS	0.0083
Mercury - Dissolved (mg/L)	0.00001	<0.00020
Molybdenum - Dissolved (mg/L)	---	<0.008
Nickel - Dissolved (mg/L)	TVS	<0.0100
Nitrate as Nitrogen (mg/L)	100	3.23
Nitrite as Nitrogen (mg/L)	0.05	<0.050
No Sample Reason	---	Sample Collected
Selenium - Dissolved (mg/L)	TVS	<0.0030
Silver - Dissolved (mg/L)	TVS	<0.0050
Sulfate - Total (mg/L)	---	117
Thallium - Dissolved (mg/L)	---	<0.00100
Total Dissolved Solids (mg/L)	---	347
Total Suspended Solids (mg/L)	---	<5.0
Uranium - Dissolved (mg/L)	TVS	0.00253
Zinc - Dissolved (mg/L)	TVS	<0.010

SAMPLE LOCATION : T2 Collar Elv (ft) : N/A Reporting Period 2020 2nd Qtr**Results of Profile / Analyses**

Description	Standards	2nd Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	04/06/2020
Lab Test Date	-	
Sampled By	-	

No Sample Reason	---	Dry
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## Graphs















