



Cripple Creek & Victor
Gold Mining Company
P.O. Box 191
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Victor, Colorado 80860

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SENT VIA ELECTRONIC COMMUNICATION

June 13, 2024

Mr. Patrick Lennberg
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: Additional Information Required, Grassy Valley Groundwater and Surface Water Monitoring Report January 2024; Permit No. M-1980-244

Dear Mr. Lennberg:

Cripple Creek and Victor Gold Mining Company (CC&V) received the Division of Reclamation, Mining, and Safety's (DRMS) *Additional Information Required, Grassy Valley Groundwater and Surface Water Monitoring Report January 2024; Permit No. M-1980-244*. CC&V has reviewed the additional information required in the letter dated May 30, 2024, from DRMS and has prepared the following responses for each comment. The DRMS comment (**in bold**) and CC&V's corresponding response (*in italics*) is presented below.

- 1. EMP basins -16, -17A, and -17B all have exceedances of groundwater NPLs and TVS. These basins are a continued source of contamination to groundwater and surface water. Additionally, the analyte concentrations and low pH values are potential hazards to wildlife.**

The Operator, CC&V, shall remove the water from all basins within 7 days of the date of this letter. The Operator shall provide photo documentation that the basins have been pumped dry and provide a description of where the removed water was disposed.

It should be noted that these basins are likely not a source of contamination to surface water, as they are designed to allow water to infiltrate into the subsurface.



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As communicated to the Division on June 6 2024, due to water truck availability and heavy equipment access to the listed EMPs, pumping operations did not begin until the morning of June 5, 2024. At 3:00pm on June 5, 2024, approximately 10,000 gallons of water were removed from EMP-17B. Less than 6 inches of water remains in the bottom of the pond basin. At 2:00 pm on June 12, 2024, approximately 82,000 gallons were removed from EMP-17A, and less than 6 inches of water remains in the bottom of the pond basin. Pumping operations began June 13, 2024, at EMP-16 (estimated to contain approximately 100,000 gallons) and as of 1:00 pm on June 13, 2024 approximately 24,000 gallons have been removed.

Water from the EMPs is being transferred via 2,000- and 8,000-gallon water trucks to VLF2. A photographic log of the progress of pumping as of the date of this letter is included as Attachment 1.

- 2. EMP-17 has a pH value of 6.19. While this value is above the groundwater NPL of 6.0 it is below the 6.5 value for surface water in Grassy Valley.**

The Operator shall remove the water from all basins within 7 days of the date of this letter. The Operator shall provide photo documentation that the basins have been pumped dry and provide a description of where the removed water was disposed.

It should be noted that these basins are likely not a source of contamination to surface water, as they are designed to prevent surface discharge by promoting infiltration and evaporation.

Pumping operations have not yet commenced in EMP-17 but are anticipated to begin June 18, 2024. The EMP is estimated to contain approximately 100,000 gallons. Water removed from this basin will be transferred to VLF2. Photographs of EMP-17 are included in Attachment 1.

- 3. During the inspection on May 28, 2024 the Division observed two areas of standing water (Attachment 1). The first area is between EMP-17 and EMP-17B (EMP-17C) and on the northeast side of EMP-17 (EMP-17D). These areas do not have an official designations nor do they appear to be constructed to contain water. The Division has designated these areas as EMP-17C and EMP-17D for this review. A review of aerial imagery from Google Earth dated October 2023 shows EMP-17C holding water while EMP-17D is dry (Attachment 1). The Division's aerial inspection of the site in November 2023**

shows both areas have standing water (Attachment 1).

The Operator shall inspect these areas and if found containing water a sample will be collected to determine water quality. Based on the results the Operator will manage all water in the manner as item 1 above. These two ponding locations need to be added to the Grassy Valley monthly sampling list. Please provide the Division with a copy of the field sampling forms for the basins after the samples are collected along with a timeframe for receiving the sample results.

As communicated to the Division on June 6, 2024, the standing water directly to the North of EMP-17 (EMP-17D), dried up on its own by June 3, 2024. A sample was collected from EMP-17C on June 12, 2024, and the sampling log is included as Attachment 2. Sample results are anticipated to be received within 2 weeks of laboratory receipt.

- 4. The Operator needs to provide an update on establishing a replacement surface water sampling location for GV-01. In the response to the September 2023 Additional Information Required No. 2 (February 2024) the Operator committed to surveying the area between former GV-01 and GV-02 to identify an area to establish a replacement sampling location.**

To find a suitable replacement location for GV-01 that would be potentially flowing year-round, the area was surveyed multiple times in late May and early June. CC&V identified several areas with standing / stagnant water, but no flowing water was identified. The lack of flowing water has prevented collection of samples from this area. At this time, there is no suitable replacement sampling location for GV-01 as GV-02 is the most upgradient point in Grassy Creek where intermittent flowing water has been observed. CC&V will continue to monitor this area for flowing water and attempt to identify a suitable location for GV-01.

- 5. The surface water samples from Grassy Creek indicate decreasing impacts moving downgradient which is also reflected in the decreasing conductivity from GV-02 to GV-06. Does the Operator have historic samples from these locations that can be used for comparison, if so, please provide that data?**

It should be noted that different source waters feed the GV-02 and GV-06 locations. During storm events and melting season a significant amount of water that flows to the GV-06 comes from drainages north of grassy valley, stormwater drainages from County Road 81 and Beaver Valley Road, and intermittent springs along Grassy Creek. The GV-02 location is primarily feed by drainages to the north and east of the location.



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Additionally, conductivity at the GV-02 location is variable over time and limited data is available for GV-06. All historic data for these locations is included in Attachment 3.

- 6. In March 2024 the Division requested that weekly sampling of GV-06 also include three additional locations, GV-04, -4.5, and -05. It was determined GV-04 was the same location as the current GV-06 location. In April, the Operator stated they did not have legal right of entry to enter the property where GV-4.5 and GV-05. Does the Operator own the mineral rights to the property where GV-4.5 and GV-05 are located? In the event the Operator does own the mineral rights please establish formal downstream surface water sampling locations in accordance with the same accommodation doctrine referenced in previous amendments. If mineral rights are not owned provide comment on other potential alternatives which will allow downstream sampling.**

CC&V does not own the mineral rights to the downstream property. GV-06 is the most down gradient monitoring location within the affected lands boundary and has also been established as the point of compliance. There has been no evidence that the current mining operation is affecting the water quality at the GV-06 location and thus, CC&V would like DRMS to reconsider the need for downstream sampling.

- 7. A review of pH data from Table 2 and historic data indicates an overall decreasing pH trend in wells GVMW-8B, -22B, and -26B. The Division wants to reiterate, that within Grassy Valley the Division has not required notification of exceedances pursuant to Rule 3.1.7(9). However, exceedance notifications are required for GVMW-26A and B and the surface water location GV-06. In the case of GV-06 phosphorus, iron (both total and dissolved), and manganese have routinely exceeded standards for these constituents no notification is required.**

CC&V's review of historic data from these locations indicates that there is a slight decreasing trend in pH for GVMW-8B and a slightly increasing trend in pH for GVMW-22B. However, both trendlines have significantly low r^2 values, suggesting the trendlines do not explain the variance in the response variable around the mean and the trends have low confidence. GVMW-26B only has nine data points and the r^2 value for the applied trendline shows moderate confidence and additional data will need to be collected to further evaluate the trend. For reference, CC&V has attached graphs of historic pH data and the applied trend lines as Attachment 4.

Exceedance at the POC locations will be reported to the Division per instructions above and pursuant to Rule 3.1.7(9).



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Should the Division required further information regarding the above responses, please do not hesitate to contact Josh Adams at 719-323-0438 or Joshua.Adams@Newmont.com or me at 719-851-4048 or Katie.Blake@Newmont.com.

Sincerely,

p.p.

DocuSigned by:

3AF21101E9CC41A...

Katie Blake
Sustainability & External Relations Manager
Cripple Creek & Victor Mine

EC: Z. Trujillo – DRMS
E. Russell - DRMS
K. Blake - CC&V
J. Gonzalez – CC&V
J. Adams – CC&V
S. Thibeault – CC&V



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Attachment 1

PHOTOGRAPHIC LOG



Photograph 1: View of the EMP-17B after pumping. Photo taken 6/10/2024 at approximately 10:00 MDT.

PHOTOGRAPHIC LOG



Photograph 2: View of the EMP-17A after pumping. Photo taken 6/13/2024 at approximately 13:00 MDT.

PHOTOGRAPHIC LOG



Photograph 3: View of the EMP-17 prior to pumping. Photo taken 4/10/2024 at approximately 10:00 MDT.

PHOTOGRAPHIC LOG



Photograph 4: View of the EMP-17C. Photo taken 6/12/2024 at approximately 10:00 MDT.

PHOTOGRAPHIC LOG



Photograph 3: View of the EMP-17D showing the area has dried up. Photo taken 6/12/2024 at approximately 10:00 MDT.



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Attachment 2

Newmont Mining Co
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Surface Water Sampling Log

Location: EMP -17 C

Date: 6-12-24

Technician: P. Barely

Quarter: 2

Time	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	ORP
9:00	6.97	2705	13.1	184

Sample Method: Grab

Oil/Gas visible [Y/N]

Turbid [Y/N]

Clear [Y/N]

Weather: 65° windy

Signature: 

Comments / Notes:

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Attachment 3

Sample Point	Date	Aluminium - Dissolved (mg/L)	Ammonia (mg/L)
GV-02	7/9/1996	<0.1	
GV-02	8/23/1996		7.01
GV-02	9/25/1996		9.1
GV-02	10/14/1996		7.4
GV-02	10/29/1996		3.9
GV-02	11/4/1996		1.99
GV-02	11/14/1996		1.32
GV-02	11/21/1996		0.99
GV-02	3/28/1997		0.243
GV-02	4/29/1997		0.439
GV-02	5/15/1997		0.272
GV-02	5/29/1997		1.11
GV-02	6/12/1997		1.47
GV-02	6/30/1997		0.232
GV-02	7/10/1997		0.091
GV-02	7/29/1997		0.321
GV-02	8/4/1997		2.98
GV-02	9/10/1997		2.7
GV-02	10/7/1997		2.09
GV-02	5/5/1998		0.103
GV-02	8/4/1998		0.363
GV-02	12/3/1998		0.114
GV-02	3/31/1999		0.072
GV-02	6/2/1999		0.133
GV-02	7/23/1999		0.066
GV-02	10/11/1999		0.186
GV-02	4/17/2000		0.103
GV-02	5/25/2000		0.196
GV-02	6/13/2000	<0.05	
GV-02	7/6/2000	<0.05	
GV-02	8/28/2000		2.6
GV-02	9/20/2000		0.165
GV-02	4/10/2001		0.173
GV-02	5/9/2001		0.301
GV-02	6/12/2001		0.07
GV-02	7/17/2001		0.267
GV-02	8/16/2001		0.948
GV-02	9/11/2001		0.225
GV-02	5/7/2002		0.053
GV-02	5/1/2003		9.65
GV-02	9/11/2003		6.35
GV-02	4/19/2004		3
GV-02	7/1/2004		8.43

Sample Point	Date	Aluminium - Dissolved (mg/L)	Ammonia (mg/L)
GV-02	10/26/2004		1.84
GV-02	5/6/2005		1.05
GV-02	7/19/2005		0.081
GV-02	10/14/2005		
GV-02	10/5/2006		
GV-02	3/28/2007		
GV-02	5/10/2007		
GV-02	7/3/2007		
GV-02	7/31/2007		
GV-02	8/30/2007		
GV-02	11/8/2007		
GV-02	6/30/2008		
GV-02	7/24/2008	0.0325	
GV-02	9/12/2008		
GV-02	10/27/2008		
GV-02	6/3/2009		
GV-02	8/6/2009		
GV-02	9/10/2009		
GV-02	8/18/2010		
GV-02	7/30/2013		
GV-02	9/26/2013		
GV-02	6/9/2014		
GV-02	7/15/2014		
GV-02	8/20/2014		
GV-02	3/18/2015		
GV-02	3/23/2015		
GV-02	5/6/2015		
GV-02	6/24/2015		
GV-02	7/21/2015		
GV-02	10/7/2015		
GV-02	4/25/2016		
GV-02	6/14/2016		
GV-02	6/22/2016		
GV-02	8/24/2016		
GV-02	8/31/2016		
GV-02	9/7/2016		
GV-02	9/21/2016		
GV-02	9/28/2016		
GV-02	10/5/2016		
GV-02	3/28/2017		
GV-02	3/28/2017		
GV-02	4/12/2017		
GV-02	4/12/2017		

Sample Point	Date	Aluminium - Dissolved (mg/L)	Ammonia (mg/L)
GV-02	7/20/2017		
GV-02	8/8/2017		
GV-02	8/8/2017		
GV-02	10/4/2017		
GV-02	10/4/2017		
GV-02	4/9/2018		0.318
GV-02	4/8/2019	0.152	<0.030
GV-02	4/8/2019		
GV-02	4/7/2020	1.43	<0.030
GV-02	5/16/2023	4.8	<0.030
GV-02	8/2/2023	7.23	<0.030
GV-02	4/16/2024	0.882	0.088
GV-02	5/29/2024		
GV-06	10/4/2022	<0.080	<0.030
GV-06	6/12/2023	<0.080	<0.030
GV-06	7/10/2023	<0.080	0.036
GV-06	8/8/2023	<0.080	<0.030
GV-06	9/12/2023	<0.080	0.032
GV-06	10/10/2023	<0.080	0.037
GV-06	11/15/2023	<0.080	0.055
GV-06	4/15/2024	<0.080	0.082
GV-06	5/29/2024		

Sample Point	Date	Antimony - Dissolved (mg/L)	Arsenic - Dissolved (mg/L)
GV-02	7/9/1996		
GV-02	8/23/1996		0.001
GV-02	9/25/1996		
GV-02	10/14/1996		
GV-02	10/29/1996		
GV-02	11/4/1996		
GV-02	11/14/1996		
GV-02	11/21/1996		
GV-02	3/28/1997		
GV-02	4/29/1997		
GV-02	5/15/1997		
GV-02	5/29/1997		
GV-02	6/12/1997		
GV-02	6/30/1997		
GV-02	7/10/1997		
GV-02	7/29/1997		
GV-02	8/4/1997		
GV-02	9/10/1997		
GV-02	10/7/1997		
GV-02	5/5/1998		
GV-02	8/4/1998		
GV-02	12/3/1998		
GV-02	3/31/1999		
GV-02	6/2/1999		
GV-02	7/23/1999		
GV-02	10/11/1999		
GV-02	4/17/2000		
GV-02	5/25/2000		
GV-02	6/13/2000		
GV-02	7/6/2000		
GV-02	8/28/2000		
GV-02	9/20/2000		
GV-02	4/10/2001		
GV-02	5/9/2001		
GV-02	6/12/2001		
GV-02	7/17/2001		
GV-02	8/16/2001		
GV-02	9/11/2001		
GV-02	5/7/2002		
GV-02	5/1/2003		
GV-02	9/11/2003		
GV-02	4/19/2004		
GV-02	7/1/2004		

Sample Point	Date	Antimony - Dissolved (mg/L)	Arsenic - Dissolved (mg/L)
GV-02	10/26/2004		
GV-02	5/6/2005		
GV-02	7/19/2005		
GV-02	10/14/2005		
GV-02	10/5/2006		
GV-02	3/28/2007		
GV-02	5/10/2007		
GV-02	7/3/2007		
GV-02	7/31/2007		
GV-02	8/30/2007		
GV-02	11/8/2007		
GV-02	6/30/2008		
GV-02	7/24/2008		<0.005
GV-02	9/12/2008		
GV-02	10/27/2008		
GV-02	6/3/2009		
GV-02	8/6/2009		
GV-02	9/10/2009		
GV-02	8/18/2010		
GV-02	7/30/2013		
GV-02	9/26/2013		
GV-02	6/9/2014		
GV-02	7/15/2014		
GV-02	8/20/2014		
GV-02	3/18/2015		
GV-02	3/23/2015		
GV-02	5/6/2015		
GV-02	6/24/2015		
GV-02	7/21/2015		
GV-02	10/7/2015		
GV-02	4/25/2016		
GV-02	6/14/2016		<0.001
GV-02	6/22/2016		
GV-02	8/24/2016		
GV-02	8/31/2016		
GV-02	9/7/2016		
GV-02	9/21/2016		
GV-02	9/28/2016		
GV-02	10/5/2016		
GV-02	3/28/2017		
GV-02	3/28/2017		
GV-02	4/12/2017		
GV-02	4/12/2017		

Sample Point	Date	Antimony - Dissolved (mg/L)	Arsenic - Dissolved (mg/L)
GV-02	7/20/2017		
GV-02	8/8/2017		
GV-02	8/8/2017		
GV-02	10/4/2017		
GV-02	10/4/2017		
GV-02	4/9/2018		
GV-02	4/8/2019	<0.00300	<0.00300
GV-02	4/8/2019		
GV-02	4/7/2020	<0.00300	<0.00300
GV-02	5/16/2023	<0.00100	<0.00100
GV-02	8/2/2023	<0.00200	<0.00200
GV-02	4/16/2024	<0.00200	<0.00200
GV-02	5/29/2024		
GV-06	10/4/2022	<0.00100	<0.00100
GV-06	6/12/2023	<0.00100	<0.00100
GV-06	7/10/2023	<0.00100	<0.00100
GV-06	8/8/2023	<0.00100	<0.00100
GV-06	9/12/2023	<0.00100	<0.00100
GV-06	10/10/2023	<0.00100	<0.00100
GV-06	11/15/2023	<0.00100	<0.00100
GV-06	4/15/2024	<0.00100	<0.00100
GV-06	5/29/2024		

Sample Point	Date	Arsenic - Total Recoverable in Water (mg/L)	Barium - Dissolved (mg/L)
GV-02	7/9/1996		0.014 <0.05
GV-02	8/23/1996	<0.005	0.104
GV-02	9/25/1996	<0.005	
GV-02	10/14/1996	<0.005	
GV-02	10/29/1996	<0.005	
GV-02	11/4/1996	<0.005	
GV-02	11/14/1996	<0.005	
GV-02	11/21/1996	<0.005	
GV-02	3/28/1997	<0.005	
GV-02	4/29/1997	<0.005	
GV-02	5/15/1997	<0.005	
GV-02	5/29/1997	<0.005	
GV-02	6/12/1997	<0.005	
GV-02	6/30/1997	<0.005	
GV-02	7/10/1997	<0.005	
GV-02	7/29/1997	<0.005	
GV-02	8/4/1997		0.018
GV-02	9/10/1997	<0.005	
GV-02	10/7/1997	<0.005	
GV-02	5/5/1998	<0.005	
GV-02	8/4/1998	<0.005	
GV-02	12/3/1998	<0.005	
GV-02	3/31/1999	<0.005	
GV-02	6/2/1999	<0.005	
GV-02	7/23/1999	<0.005	
GV-02	10/11/1999	<0.005	
GV-02	4/17/2000	<0.005	
GV-02	5/25/2000	<0.005	
GV-02	6/13/2000	<0.005	
GV-02	7/6/2000	<0.005	
GV-02	8/28/2000	<0.005	
GV-02	9/20/2000	<0.005	
GV-02	4/10/2001	<0.005	
GV-02	5/9/2001	<0.005	
GV-02	6/12/2001	<0.005	
GV-02	7/17/2001	<0.005	
GV-02	8/16/2001	<0.005	
GV-02	9/11/2001	<0.005	
GV-02	5/7/2002	<0.005	
GV-02	5/1/2003	<0.005	
GV-02	9/11/2003	<0.005	
GV-02	4/19/2004	<0.005	
GV-02	7/1/2004	<0.005	

Sample Point	Date	Arsenic - Total Recoverable in Water (mg/L)	Barium - Dissolved (mg/L)
GV-02	10/26/2004	<0.005	
GV-02	5/6/2005	<0.005	
GV-02	7/19/2005	<0.005	
GV-02	10/14/2005	<0.005	
GV-02	10/5/2006	<0.005	
GV-02	3/28/2007	<0.005	
GV-02	5/10/2007	<0.005	
GV-02	7/3/2007	<0.005	
GV-02	7/31/2007	<0.005	
GV-02	8/30/2007	<0.005	
GV-02	11/8/2007	<0.005	
GV-02	6/30/2008	<0.005	
GV-02	7/24/2008		
GV-02	9/12/2008	<0.005	
GV-02	10/27/2008	<0.005	
GV-02	6/3/2009	<0.005	
GV-02	8/6/2009	<0.005	
GV-02	9/10/2009	<0.005	
GV-02	8/18/2010	<0.005	
GV-02	7/30/2013	<0.005	
GV-02	9/26/2013	<0.005	
GV-02	6/9/2014	<0.005	
GV-02	7/15/2014	<0.005	
GV-02	8/20/2014	<0.005	
GV-02	3/18/2015	<0.005	
GV-02	3/23/2015	<0.005	
GV-02	5/6/2015	<0.005	
GV-02	6/24/2015	<0.005	
GV-02	7/21/2015	<0.005	
GV-02	10/7/2015	<0.005	
GV-02	4/25/2016	<0.005	
GV-02	6/14/2016		
GV-02	6/22/2016	<0.005	
GV-02	8/24/2016	<0.005	
GV-02	8/31/2016	<0.005	
GV-02	9/7/2016	<0.005	
GV-02	9/21/2016	<0.005	
GV-02	9/28/2016	<0.005	
GV-02	10/5/2016	<0.005	
GV-02	3/28/2017	<0.005	
GV-02	3/28/2017		
GV-02	4/12/2017	<0.005	
GV-02	4/12/2017		

Sample Point	Date	Arsenic - Total Recoverable in Water (mg/L)	Barium - Dissolved (mg/L)
GV-02	7/20/2017	<0.005	
GV-02	8/8/2017		0.005
GV-02	8/8/2017		
GV-02	10/4/2017		0.007
GV-02	10/4/2017		
GV-02	4/9/2018	<0.00300	
GV-02	4/8/2019	<0.00300	0.0137
GV-02	4/8/2019		
GV-02	4/7/2020	<0.025	0.0262
GV-02	5/16/2023	<0.00100	0.0331
GV-02	8/2/2023	<0.00100	0.0334
GV-02	4/16/2024	<0.00100	0.0406
GV-02	5/29/2024		
GV-06	10/4/2022		0.108
GV-06	6/12/2023	<0.00100	0.104
GV-06	7/10/2023	<0.00100	0.113
GV-06	8/8/2023	<0.00100	0.0929
GV-06	9/12/2023	<0.00500	0.107
GV-06	10/10/2023	<0.00100	0.107
GV-06	11/15/2023	0.00113	0.142
GV-06	4/15/2024	<0.00100	0.0919
GV-06	5/29/2024		

Sample Point	Date	Beryllium - Dissolved (mg/L)	Boron - Total (mg/L)
GV-02	7/9/1996		
GV-02	8/23/1996	0.007	
GV-02	9/25/1996		
GV-02	10/14/1996		
GV-02	10/29/1996		
GV-02	11/4/1996		
GV-02	11/14/1996		
GV-02	11/21/1996		
GV-02	3/28/1997		
GV-02	4/29/1997		
GV-02	5/15/1997		
GV-02	5/29/1997		
GV-02	6/12/1997		
GV-02	6/30/1997		
GV-02	7/10/1997		
GV-02	7/29/1997		
GV-02	8/4/1997		
GV-02	9/10/1997		
GV-02	10/7/1997		
GV-02	5/5/1998		
GV-02	8/4/1998		
GV-02	12/3/1998		
GV-02	3/31/1999		
GV-02	6/2/1999		
GV-02	7/23/1999		
GV-02	10/11/1999		
GV-02	4/17/2000		
GV-02	5/25/2000		
GV-02	6/13/2000		
GV-02	7/6/2000		
GV-02	8/28/2000		
GV-02	9/20/2000		
GV-02	4/10/2001		
GV-02	5/9/2001		
GV-02	6/12/2001		
GV-02	7/17/2001		
GV-02	8/16/2001		
GV-02	9/11/2001		
GV-02	5/7/2002		
GV-02	5/1/2003		
GV-02	9/11/2003		
GV-02	4/19/2004		
GV-02	7/1/2004		

Sample Point	Date	Beryllium - Dissolved (mg/L)	Boron - Total (mg/L)
GV-02	10/26/2004		
GV-02	5/6/2005		
GV-02	7/19/2005		
GV-02	10/14/2005		
GV-02	10/5/2006		
GV-02	3/28/2007		
GV-02	5/10/2007		
GV-02	7/3/2007		
GV-02	7/31/2007		
GV-02	8/30/2007		
GV-02	11/8/2007		
GV-02	6/30/2008		
GV-02	7/24/2008		
GV-02	9/12/2008		
GV-02	10/27/2008		
GV-02	6/3/2009		
GV-02	8/6/2009		
GV-02	9/10/2009		
GV-02	8/18/2010		
GV-02	7/30/2013		
GV-02	9/26/2013		
GV-02	6/9/2014		
GV-02	7/15/2014		
GV-02	8/20/2014		
GV-02	3/18/2015		
GV-02	3/23/2015		
GV-02	5/6/2015		
GV-02	6/24/2015		
GV-02	7/21/2015		
GV-02	10/7/2015		
GV-02	4/25/2016		
GV-02	6/14/2016		<0.005
GV-02	6/22/2016		
GV-02	8/24/2016		
GV-02	8/31/2016		
GV-02	9/7/2016		
GV-02	9/21/2016		
GV-02	9/28/2016		
GV-02	10/5/2016		
GV-02	3/28/2017		
GV-02	3/28/2017		
GV-02	4/12/2017		
GV-02	4/12/2017		

Sample Point	Date	Beryllium - Dissolved (mg/L)	Boron - Total (mg/L)
GV-02	7/20/2017		
GV-02	8/8/2017		
GV-02	8/8/2017		
GV-02	10/4/2017		
GV-02	10/4/2017		
GV-02	4/9/2018		
GV-02	4/8/2019	0.00036	<0.040
GV-02	4/8/2019		
GV-02	4/7/2020	0.00153	<0.040
GV-02	5/16/2023	0.00638	<0.0400
GV-02	8/2/2023	0.0108	<0.0400
GV-02	4/16/2024	<0.00200	<0.0400
GV-02	5/29/2024		
GV-06	10/4/2022	<0.00200	
GV-06	6/12/2023	<0.00200	<0.0400
GV-06	7/10/2023	<0.00200	<0.0400
GV-06	8/8/2023	<0.00200	<0.0400
GV-06	9/12/2023	<0.00200	<0.0400
GV-06	10/10/2023	<0.00200	<0.0400
GV-06	11/15/2023	<0.00200	<0.0400
GV-06	4/15/2024	<0.00200	<0.0400
GV-06	5/29/2024		

Sample Point	Date	Cadmium - Dissolved (mg/L)	Calcium - Dissolved (mg/L)
GV-02	7/9/1996		0.0001
GV-02	8/23/1996		0.004
GV-02	9/25/1996		0.0093
GV-02	10/14/1996		0.0064
GV-02	10/29/1996		0.0051
GV-02	11/4/1996		0.004
GV-02	11/14/1996		0.002
GV-02	11/21/1996		0.0008
GV-02	3/28/1997	<0.001	
GV-02	4/29/1997	<0.001	
GV-02	5/15/1997	<0.001	
GV-02	5/29/1997	<0.001	
GV-02	6/12/1997		0.003
GV-02	6/30/1997	<0.001	
GV-02	7/10/1997	<0.001	
GV-02	7/29/1997	<0.001	
GV-02	8/4/1997		0.005
GV-02	9/10/1997		0.001
GV-02	10/7/1997	<0.001	
GV-02	5/5/1998	<0.001	
GV-02	8/4/1998	<0.001	
GV-02	12/3/1998	<0.001	
GV-02	3/31/1999	<0.001	
GV-02	6/2/1999	<0.001	
GV-02	7/23/1999	<0.001	
GV-02	10/11/1999	<0.001	
GV-02	4/17/2000	<0.001	
GV-02	5/25/2000	<0.001	
GV-02	6/13/2000	<0.001	
GV-02	7/6/2000	<0.001	
GV-02	8/28/2000		0.003
GV-02	9/20/2000	<0.001	
GV-02	4/10/2001	<0.001	
GV-02	5/9/2001	<0.001	
GV-02	6/12/2001	<0.001	
GV-02	7/17/2001	<0.001	
GV-02	8/16/2001	<0.001	
GV-02	9/11/2001	<0.001	
GV-02	5/7/2002	<0.001	
GV-02	5/1/2003		0.011
GV-02	9/11/2003		0.002
GV-02	4/19/2004		0.002
GV-02	7/1/2004		0.008

Sample Point	Date	Cadmium - Dissolved (mg/L)	Calcium - Dissolved (mg/L)
GV-02	10/26/2004	<0.001	
GV-02	5/6/2005		0.001
GV-02	7/19/2005		0.001
GV-02	10/14/2005	<0.001	
GV-02	10/5/2006		0.001
GV-02	3/28/2007	<0.001	
GV-02	5/10/2007		0.003
GV-02	7/3/2007	<0.001	
GV-02	7/31/2007		0.002
GV-02	8/30/2007	<0.001	
GV-02	11/8/2007	<0.001	
GV-02	6/30/2008		0.00169
GV-02	7/24/2008	<0.001	
GV-02	9/12/2008	<0.001	
GV-02	10/27/2008	<0.001	
GV-02	6/3/2009	<0.001	
GV-02	8/6/2009	<0.001	
GV-02	9/10/2009	<0.001	
GV-02	8/18/2010	<0.001	
GV-02	7/30/2013		0.03
GV-02	9/26/2013		0.002
GV-02	6/9/2014	<0.001	
GV-02	7/15/2014		0.002
GV-02	8/20/2014	<0.001	
GV-02	3/18/2015	<0.001	
GV-02	3/23/2015		0.002
GV-02	5/6/2015	<0.001	
GV-02	6/24/2015	<0.001	
GV-02	7/21/2015	<0.001	
GV-02	10/7/2015	<0.001	
GV-02	4/25/2016	<0.001	
GV-02	6/14/2016	<0.01	<0.01
GV-02	6/22/2016	<0.001	
GV-02	8/24/2016	<0.001	
GV-02	8/31/2016	<0.001	
GV-02	9/7/2016	<0.001	
GV-02	9/21/2016	<0.001	
GV-02	9/28/2016	<0.001	
GV-02	10/5/2016	<0.001	
GV-02	3/28/2017	<0.001	
GV-02	3/28/2017		
GV-02	4/12/2017	<0.001	
GV-02	4/12/2017		

Sample Point	Date	Cadmium - Dissolved (mg/L)	Calcium - Dissolved (mg/L)
GV-02	7/20/2017	<0.001	
GV-02	8/8/2017	<0.001	
GV-02	8/8/2017		
GV-02	10/4/2017	<0.001	
GV-02	10/4/2017		
GV-02	4/9/2018	0.00081	
GV-02	4/8/2019	0.00229	
GV-02	4/8/2019		
GV-02	4/7/2020	0.00532	
GV-02	5/16/2023	0.0191	123
GV-02	8/2/2023	0.0221	251
GV-02	4/16/2024	0.00288	41.3
GV-02	5/29/2024		
GV-06	10/4/2022	<0.0020	36.3
GV-06	6/12/2023	<0.000100	44.3
GV-06	7/10/2023	<0.000100	57.7
GV-06	8/8/2023	0.000545	42.5
GV-06	9/12/2023	<0.000100	42
GV-06	10/10/2023	<0.000100	42.3
GV-06	11/15/2023	<0.000100	51.3
GV-06	4/15/2024	<0.000100	18.9
GV-06	5/29/2024		

Sample Point	Date	Chloride - Total (mg/L)	Chromium - Dissolved (mg/L)
GV-02	7/9/1996		<0.005
GV-02	8/23/1996		0.004
GV-02	9/25/1996		<0.005
GV-02	10/14/1996		<0.005
GV-02	10/29/1996		<0.005
GV-02	11/4/1996		<0.001
GV-02	11/14/1996		<0.001
GV-02	11/21/1996		<0.005
GV-02	3/28/1997		<0.001
GV-02	4/29/1997		<0.001
GV-02	5/15/1997		<0.001
GV-02	5/29/1997		<0.001
GV-02	6/12/1997		<0.001
GV-02	6/30/1997		<0.001
GV-02	7/10/1997		<0.001
GV-02	7/29/1997		<0.001
GV-02	8/4/1997		<0.001
GV-02	9/10/1997		<0.001
GV-02	10/7/1997		<0.001
GV-02	5/5/1998		<0.001
GV-02	8/4/1998		<0.001
GV-02	12/3/1998		<0.001
GV-02	3/31/1999		<0.001
GV-02	6/2/1999		<0.001
GV-02	7/23/1999		<0.001
GV-02	10/11/1999		<0.001
GV-02	4/17/2000		<0.001
GV-02	5/25/2000		<0.001
GV-02	6/13/2000		<0.001
GV-02	7/6/2000		<0.001
GV-02	8/28/2000		0.002
GV-02	9/20/2000		<0.001
GV-02	4/10/2001		<0.001
GV-02	5/9/2001		<0.001
GV-02	6/12/2001		<0.001
GV-02	7/17/2001		0.001
GV-02	8/16/2001		<0.001
GV-02	9/11/2001		<0.001
GV-02	5/7/2002		
GV-02	5/1/2003		
GV-02	9/11/2003		
GV-02	4/19/2004		
GV-02	7/1/2004		

Sample Point	Date	Chloride - Total (mg/L)	Chromium - Dissolved (mg/L)
GV-02	10/26/2004		
GV-02	5/6/2005		
GV-02	7/19/2005		
GV-02	10/14/2005		
GV-02	10/5/2006		
GV-02	3/28/2007		
GV-02	5/10/2007		
GV-02	7/3/2007		
GV-02	7/31/2007		
GV-02	8/30/2007		
GV-02	11/8/2007		
GV-02	6/30/2008		
GV-02	7/24/2008		<0.001
GV-02	9/12/2008		
GV-02	10/27/2008		
GV-02	6/3/2009		
GV-02	8/6/2009		
GV-02	9/10/2009		
GV-02	8/18/2010		
GV-02	7/30/2013		
GV-02	9/26/2013		
GV-02	6/9/2014		
GV-02	7/15/2014		
GV-02	8/20/2014		
GV-02	3/18/2015		
GV-02	3/23/2015		
GV-02	5/6/2015		
GV-02	6/24/2015		
GV-02	7/21/2015		
GV-02	10/7/2015		
GV-02	4/25/2016		
GV-02	6/14/2016	<0.01	2.43
GV-02	6/22/2016		
GV-02	8/24/2016		
GV-02	8/31/2016		
GV-02	9/7/2016		
GV-02	9/21/2016		
GV-02	9/28/2016		
GV-02	10/5/2016		
GV-02	3/28/2017	69.6	
GV-02	3/28/2017		
GV-02	4/12/2017	52.8	
GV-02	4/12/2017		

Sample Point	Date	Chloride - Total (mg/L)	Chromium - Dissolved (mg/L)
GV-02	7/20/2017	56.4	
GV-02	8/8/2017	51.9	
GV-02	8/8/2017		
GV-02	10/4/2017	73.1	
GV-02	10/4/2017		
GV-02	4/9/2018	142	
GV-02	4/8/2019	11.2	<0.0060
GV-02	4/8/2019		
GV-02	4/7/2020	14.4	<0.0060
GV-02	5/16/2023	24.1	<0.00100
GV-02	8/2/2023	27.2	<0.00200
GV-02	4/16/2024	11.7	<0.00200
GV-02	5/29/2024		
GV-06	10/4/2022	8.9	<0.0060
GV-06	6/12/2023	8.3	<0.00100
GV-06	7/10/2023	7.65	<0.00100
GV-06	8/8/2023	7.6	<0.00100
GV-06	9/12/2023	8.89	<0.00100
GV-06	10/10/2023	8.2	<0.00100
GV-06	11/15/2023	9.29	<0.00100
GV-06	4/15/2024	5.13	<0.00100
GV-06	5/29/2024		

Sample Point	Date	Copper - Dissolved (mg/L)	Cyanide - Free (mg/L)	Cyanide - Total (mg/L)
GV-02	7/9/1996	0.007	<0.05	<0.005
GV-02	8/23/1996	0.013	<0.01	<0.01
GV-02	9/25/1996	0.006	<0.05	0.071
GV-02	10/14/1996	0.005	<0.05	0.007
GV-02	10/29/1996	<0.005	<0.05	<0.005
GV-02	11/4/1996	<0.005	<0.01	<0.01
GV-02	11/14/1996	<0.005	<0.01	<0.01
GV-02	11/21/1996	<0.005	<0.05	<0.005
GV-02	3/28/1997	<0.005	<0.01	<0.01
GV-02	4/29/1997	<0.005	<0.01	<0.01
GV-02	5/15/1997	<0.005	<0.01	<0.01
GV-02	5/29/1997	<0.005	<0.01	<0.01
GV-02	6/12/1997	<0.005	<0.01	<0.01
GV-02	6/30/1997	<0.005	<0.01	<0.01
GV-02	7/10/1997	<0.005	<0.01	<0.01
GV-02	7/29/1997	<0.005	<0.01	<0.01
GV-02	8/4/1997	<0.005	<0.01	<0.01
GV-02	9/10/1997	0.005	<0.01	<0.01
GV-02	10/7/1997	<0.05	<0.01	<0.01
GV-02	5/5/1998	<0.005	<0.01	<0.01
GV-02	8/4/1998	<0.005	<0.01	<0.01
GV-02	12/3/1998	<0.005	<0.01	<0.01
GV-02	3/31/1999	<0.005	<0.01	<0.01
GV-02	6/2/1999	<0.005	<0.01	<0.01
GV-02	7/23/1999	<0.005	<0.01	<0.01
GV-02	10/11/1999	<0.005	<0.01	<0.01
GV-02	4/17/2000	<0.005	<0.01	<0.01
GV-02	5/25/2000	<0.005	<0.01	<0.01
GV-02	6/13/2000	<0.005	<0.01	<0.01
GV-02	7/6/2000	<0.005	<0.01	<0.01
GV-02	8/28/2000	<0.005	<0.01	<0.01
GV-02	9/20/2000	<0.005	<0.01	<0.01
GV-02	4/10/2001	<0.005	<0.01	<0.01
GV-02	5/9/2001	<0.005	<0.01	<0.01
GV-02	6/12/2001	<0.005	<0.01	<0.01
GV-02	7/17/2001	0.005	<0.01	<0.01
GV-02	8/16/2001	<0.005	<0.01	<0.01
GV-02	9/11/2001	<0.005	<0.01	<0.01
GV-02	5/7/2002	<0.005	<0.01	<0.01
GV-02	5/1/2003	<0.005	<0.01	<0.01
GV-02	9/11/2003	0.01	<0.01	<0.01
GV-02	4/19/2004	<0.005	<0.01	<0.01
GV-02	7/1/2004	<0.005	<0.01	<0.01

Sample Point	Date	Copper - Dissolved (mg/L)	Cyanide - Free (mg/L)	Cyanide - Total (mg/L)
GV-02	10/26/2004	<0.005	<0.01	<0.01
GV-02	5/6/2005	<0.005	<0.01	<0.01
GV-02	7/19/2005	<0.005	<0.01	<0.01
GV-02	10/14/2005	<0.005	<0.01	<0.01
GV-02	10/5/2006	<0.005	<0.01	<0.01
GV-02	3/28/2007	<0.005	<0.01	<0.01
GV-02	5/10/2007	<0.005	<0.01	<0.01
GV-02	7/3/2007	0.018	<0.01	<0.01
GV-02	7/31/2007	0.006	<0.01	<0.01
GV-02	8/30/2007	<0.005	<0.01	<0.01
GV-02	11/8/2007	<0.005	<0.01	<0.01
GV-02	6/30/2008	<0.005	<0.01	<0.01
GV-02	7/24/2008	<0.005	<0.01	<0.01
GV-02	9/12/2008	<0.005	<0.01	<0.01
GV-02	10/27/2008	<0.005	<0.01	<0.01
GV-02	6/3/2009	<0.005	<0.01	<0.01
GV-02	8/6/2009	<0.005	<0.01	<0.01
GV-02	9/10/2009	<0.005	<0.01	<0.01
GV-02	8/18/2010	<0.005	<0.01	<0.01
GV-02	7/30/2013	<0.005	<0.01	<0.01
GV-02	9/26/2013	<0.005	<0.01	<0.01
GV-02	6/9/2014	<0.005	<0.01	<0.01
GV-02	7/15/2014	<0.005	<0.01	<0.01
GV-02	8/20/2014	<0.005	<0.01	<0.01
GV-02	3/18/2015	<0.005	<0.01	<0.01
GV-02	3/23/2015	<0.005	<0.01	<0.01
GV-02	5/6/2015	<0.005	<0.01	<0.01
GV-02	6/24/2015	<0.005	<0.01	<0.01
GV-02	7/21/2015	<0.005	<0.01	<0.01
GV-02	10/7/2015	<0.005	<0.01	<0.01
GV-02	4/25/2016	<0.005	<0.01	<0.01
GV-02	6/14/2016	0.057	<0.001	0.375
GV-02	6/22/2016	<0.005	<0.01	<0.01
GV-02	8/24/2016	<0.005	<0.01	<0.01
GV-02	8/31/2016	<0.005	<0.01	<0.01
GV-02	9/7/2016	<0.005	<0.01	<0.01
GV-02	9/21/2016	<0.005	<0.01	<0.01
GV-02	9/28/2016	<0.005	<0.01	<0.01
GV-02	10/5/2016	<0.005	<0.01	<0.01
GV-02	3/28/2017	<0.005	<0.010	<0.010
GV-02	3/28/2017			
GV-02	4/12/2017	<0.005	<0.010	<0.010
GV-02	4/12/2017			

Sample Point	Date	Copper - Dissolved (mg/L)	Cyanide - Free (mg/L)	Cyanide - Total (mg/L)
GV-02	7/20/2017	<0.005	<0.010	<0.010
GV-02	8/8/2017	<0.005	<0.010	<0.010
GV-02	8/8/2017			
GV-02	10/4/2017	<0.005	<0.010	<0.010
GV-02	10/4/2017			
GV-02	4/9/2018	<0.0100	<0.0050	
GV-02	4/8/2019	<0.0100	<0.0050	<0.0100
GV-02	4/8/2019			
GV-02	4/7/2020	<0.0100	<0.0050	<0.0100
GV-02	5/16/2023	0.00152	<0.0050	<0.0050
GV-02	8/2/2023	0.00165	<0.0050	<0.0050
GV-02	4/16/2024	0.00152	<0.0050	<0.0050
GV-02	5/29/2024			
GV-06	10/4/2022	<0.0100	<0.0050	<0.0050
GV-06	6/12/2023	<0.00040	<0.0050	<0.0050
GV-06	7/10/2023	<0.00040	<0.0050	<0.0050
GV-06	8/8/2023	0.00078	<0.0050	<0.0050
GV-06	9/12/2023	0.00065	<0.0050	<0.0050
GV-06	10/10/2023	0.00119	<0.0050	<0.0050
GV-06	11/15/2023	<0.00040	<0.0050	0.0056
GV-06	4/15/2024	0.00088	<0.0050	<0.0050
GV-06	5/29/2024			

Sample Point	Date	Cyanide - WAD (mg/L)	Fluoride - Total F (mg/L)	Iron - Dissolved (mg/L)
GV-02	7/9/1996	<0.005	6.5	0.02
GV-02	8/23/1996	<0.01	15.1	<0.05
GV-02	9/25/1996	<0.005	19	0.02
GV-02	10/14/1996	<0.005	16	0.01
GV-02	10/29/1996	<0.005	6.9	0.03
GV-02	11/4/1996	<0.01	8.04	<0.05
GV-02	11/14/1996	<0.01	5.38	<0.05
GV-02	11/21/1996	<0.005	4.7	0.04
GV-02	3/28/1997	<0.01	3.06	0.114
GV-02	4/29/1997	<0.01	2.28	0.104
GV-02	5/15/1997	<0.01	2.4	0.054
GV-02	5/29/1997	<0.01	3.12	0.075
GV-02	6/12/1997	<0.01	5.63	0.083
GV-02	6/30/1997	<0.01	2.84	<0.05
GV-02	7/10/1997	<0.01	2.66	0.071
GV-02	7/29/1997	<0.01	3.61	0.409
GV-02	8/4/1997	<0.01	13.3	0.175
GV-02	9/10/1997	<0.01	9.71	0.134
GV-02	10/7/1997	<0.01	7.91	<0.05
GV-02	5/5/1998	<0.01	2.19	0.127
GV-02	8/4/1998	<0.01	2.32	<0.05
GV-02	12/3/1998	<0.01	2.22	0.243
GV-02	3/31/1999	<0.01	2.63	<0.05
GV-02	6/2/1999	<0.01	1.27	0.145
GV-02	7/23/1999	<0.01	2.84	0.362
GV-02	10/11/1999	<0.01	2.37	<0.05
GV-02	4/17/2000	<0.01	0.729	0.684
GV-02	5/25/2000	<0.01	1.85	0.096
GV-02	6/13/2000	<0.01	1.95	<0.05
GV-02	7/6/2000	<0.01	2.66	<0.05
GV-02	8/28/2000	<0.01	11.7	0.07
GV-02	9/20/2000	<0.01	4.25	<0.05
GV-02	4/10/2001	<0.01	0.899	0.444
GV-02	5/9/2001	<0.01	2.19	<0.05
GV-02	6/12/2001	<0.01	2.42	<0.05
GV-02	7/17/2001	<0.01	4.52	0.063
GV-02	8/16/2001	<0.01	3.75	<0.05
GV-02	9/11/2001	<0.01	2.71	0.051
GV-02	5/7/2002	<0.01	3.04	0.07
GV-02	5/1/2003	<0.01	13.7	0.284
GV-02	9/11/2003	<0.01	9.34	0.304
GV-02	4/19/2004	<0.01	5.88	0.103
GV-02	7/1/2004	<0.01	11.2	0.149

Sample Point	Date	Cyanide - WAD (mg/L)	Fluoride - Total F (mg/L)	Iron - Dissolved (mg/L)
GV-02	10/26/2004	<0.01	2.74	<0.05
GV-02	5/6/2005	<0.01	2.51	<0.05
GV-02	7/19/2005	<0.01	3.44	0.086
GV-02	10/14/2005	<0.01	2.78	<0.05
GV-02	10/5/2006	<0.01	7.82	<0.05
GV-02	3/28/2007	<0.01	1.77	0.071
GV-02	5/10/2007	<0.01	2.73	0.05
GV-02	7/3/2007	<0.01	2.22	0.192
GV-02	7/31/2007	<0.01	5.67	0.333
GV-02	8/30/2007	<0.01	2.26	0.078
GV-02	11/8/2007	<0.01	2.5	0.33
GV-02	6/30/2008	<0.01	3.31	0.905
GV-02	7/24/2008	<0.01	5.57	0.0683
GV-02	9/12/2008	<0.01	2.84	0.053
GV-02	10/27/2008	<0.01	2.31	0.098
GV-02	6/3/2009	<0.01	2.44	0.157
GV-02	8/6/2009	<0.01	4.07	0.05
GV-02	9/10/2009	<0.01	2.69	0.088
GV-02	8/18/2010	<0.01	2	0.055
GV-02	7/30/2013	<0.01	12.1	0.105
GV-02	9/26/2013	<0.01	2.43	0.231
GV-02	6/9/2014	<0.01	2	0.14
GV-02	7/15/2014	<0.01	2.39	0.149
GV-02	8/20/2014	<0.01	1.87	0.062
GV-02	3/18/2015	<0.01	0.601	0.61
GV-02	3/23/2015	<0.01	0.872	2.99
GV-02	5/6/2015	<0.01	2.45	0.185
GV-02	6/24/2015	<0.01	2.17	0.176
GV-02	7/21/2015	<0.01	2.52	0.142
GV-02	10/7/2015	<0.01	2.47	0.851
GV-02	4/25/2016	<0.01	1.98	0.112
GV-02	6/14/2016			0.007
GV-02	6/22/2016	<0.01	3.18	0.067
GV-02	8/24/2016	<0.01	1.79	0.316
GV-02	8/31/2016	<0.01	2.27	0.213
GV-02	9/7/2016	<0.01	2.28	0.729
GV-02	9/21/2016	<0.01	2.2	1.27
GV-02	9/28/2016	<0.01	2.26	1.1
GV-02	10/5/2016	<0.01	2.33	0.679
GV-02	3/28/2017	<0.010	2.35	0.189
GV-02	3/28/2017			
GV-02	4/12/2017	<0.010	2.73	0.058
GV-02	4/12/2017			

Sample Point	Date	Cyanide - WAD (mg/L)	Fluoride - Total F (mg/L)	Iron - Dissolved (mg/L)
GV-02	7/20/2017	<0.010	2.78	0.224
GV-02	8/8/2017	<0.010	3.63	0.5
GV-02	8/8/2017			
GV-02	10/4/2017	<0.010	3.8	0.535
GV-02	10/4/2017			
GV-02	4/9/2018	<0.0100	2.95	0.485
GV-02	4/8/2019	<0.0100	1.3	<0.100
GV-02	4/8/2019			
GV-02	4/7/2020	<0.0100	2.69	<0.100
GV-02	5/16/2023	<0.0050	7.86	<0.100
GV-02	8/2/2023	<0.0050	8.59	0.603
GV-02	4/16/2024	<0.0050	1.85	0.155
GV-02	5/29/2024			
GV-06	10/4/2022	<0.0050	0.51	0.141
GV-06	6/12/2023	<0.0050	0.59	0.462
GV-06	7/10/2023	<0.0050	0.649	0.549
GV-06	8/8/2023	<0.0050	0.58	0.608
GV-06	9/12/2023	<0.0050	0.516	0.459
GV-06	10/10/2023	<0.0050	0.463	0.425
GV-06	11/15/2023	<0.0050	0.548	0.867
GV-06	4/15/2024	<0.0050	0.499	0.74
GV-06	5/29/2024			

Sample Point	Date	Lead - Dissolved (mg/L)	Manganese - Dissolved (mg/L)
GV-02	7/9/1996	<0.005	9.2
GV-02	8/23/1996	<0.001	15.3
GV-02	9/25/1996	<0.005	23
GV-02	10/14/1996	<0.005	11
GV-02	10/29/1996	<0.005	12
GV-02	11/4/1996	<0.001	8.15
GV-02	11/14/1996	<0.001	5.92
GV-02	11/21/1996	<0.005	3.4
GV-02	3/28/1997	<0.001	
GV-02	4/29/1997	<0.001	0.901
GV-02	5/15/1997	<0.001	0.207
GV-02	5/29/1997	<0.001	4.4
GV-02	6/12/1997	<0.001	6.92
GV-02	6/30/1997	<0.001	0.835
GV-02	7/10/1997	<0.001	0.341
GV-02	7/29/1997	<0.001	10.7
GV-02	8/4/1997	<0.001	
GV-02	9/10/1997	0.001	9.94
GV-02	10/7/1997	<0.001	1.76
GV-02	5/5/1998	<0.001	2.6
GV-02	8/4/1998	<0.001	1.27
GV-02	12/3/1998	<0.001	2.77
GV-02	3/31/1999	<0.001	0.773
GV-02	6/2/1999	<0.001	0.533
GV-02	7/23/1999	<0.001	2.38
GV-02	10/11/1999	<0.001	0.559
GV-02	4/17/2000	<0.001	2.01
GV-02	5/25/2000	<0.001	0.465
GV-02	6/13/2000	<0.001	0.201
GV-02	7/6/2000	<0.001	
GV-02	8/28/2000	<0.001	19.5
GV-02	9/20/2000	<0.001	1.07
GV-02	4/10/2001	<0.001	1.41
GV-02	5/9/2001	<0.001	1.62
GV-02	6/12/2001	<0.001	0.123
GV-02	7/17/2001	0.002	2.76
GV-02	8/16/2001	0.001	3.78
GV-02	9/11/2001	<0.001	1.65
GV-02	5/7/2002	<0.001	0.211
GV-02	5/1/2003	<0.001	14.8
GV-02	9/11/2003	<0.001	32.3
GV-02	4/19/2004	<0.001	42
GV-02	7/1/2004	<0.001	22

Sample Point	Date	Lead - Dissolved (mg/L)	Manganese - Dissolved (mg/L)
GV-02	10/26/2004	<0.001	4.89
GV-02	5/6/2005	<0.001	6.98
GV-02	7/19/2005	<0.001	15
GV-02	10/14/2005	<0.001	0.673
GV-02	10/5/2006	<0.001	6.78
GV-02	3/28/2007	<0.001	3
GV-02	5/10/2007	<0.001	3.19
GV-02	7/3/2007	<0.001	6.08
GV-02	7/31/2007	0.001	9.56
GV-02	8/30/2007	<0.001	2.52
GV-02	11/8/2007	<0.001	1.21
GV-02	6/30/2008	<0.001	9.33
GV-02	7/24/2008	<0.001	5.1
GV-02	9/12/2008	<0.001	0.815
GV-02	10/27/2008	<0.001	0.776
GV-02	6/3/2009	<0.001	0.904
GV-02	8/6/2009	<0.001	2.05
GV-02	9/10/2009	<0.001	1.62
GV-02	8/18/2010	<0.001	1.49
GV-02	7/30/2013	<0.001	42.1
GV-02	9/26/2013	<0.001	6.01
GV-02	6/9/2014	<0.001	21.5
GV-02	7/15/2014	<0.001	24.4
GV-02	8/20/2014	<0.001	23
GV-02	3/18/2015	<0.001	0.971
GV-02	3/23/2015	<0.001	2.11
GV-02	5/6/2015	<0.001	6.71
GV-02	6/24/2015	<0.001	1.93
GV-02	7/21/2015	<0.001	1.74
GV-02	10/7/2015	<0.001	3.63
GV-02	4/25/2016	<0.001	16.3
GV-02	6/14/2016	<0.05	
GV-02	6/22/2016	<0.001	0.247
GV-02	8/24/2016	<0.001	7.11
GV-02	8/31/2016	<0.001	1.19
GV-02	9/7/2016	<0.001	3.53
GV-02	9/21/2016	<0.001	4.94
GV-02	9/28/2016	<0.001	4.1
GV-02	10/5/2016	<0.001	1.56
GV-02	3/28/2017	<0.001	9.24
GV-02	3/28/2017		
GV-02	4/12/2017	<0.001	5.43
GV-02	4/12/2017		

Sample Point	Date	Lead - Dissolved (mg/L)	Manganese - Dissolved (mg/L)
GV-02	7/20/2017	<0.001	1.96
GV-02	8/8/2017	<0.001	4.16
GV-02	8/8/2017		
GV-02	10/4/2017	<0.001	1.58
GV-02	10/4/2017		
GV-02	4/9/2018	<0.00300	8.45
GV-02	4/8/2019	<0.00300	1.73
GV-02	4/8/2019		
GV-02	4/7/2020	<0.00300	5.51
GV-02	5/16/2023	<0.00020	4.88
GV-02	8/2/2023	<0.00040	35.4
GV-02	4/16/2024	<0.00040	3.21
GV-02	5/29/2024		
GV-06	10/4/2022	<0.0075	0.37
GV-06	6/12/2023	<0.00020	0.815
GV-06	7/10/2023	<0.00020	0.884
GV-06	8/8/2023	<0.00020	0.476
GV-06	9/12/2023	<0.00020	0.73
GV-06	10/10/2023	<0.00020	0.853
GV-06	11/15/2023	<0.00020	1.59
GV-06	4/15/2024	<0.00020	1.89
GV-06	5/29/2024		

Sample Point	Date	Mercury - Dissolved (mg/L)	Molybdenum - Dissolved (mg/L)
GV-02	7/9/1996		
GV-02	8/23/1996		
GV-02	9/25/1996		
GV-02	10/14/1996		
GV-02	10/29/1996		
GV-02	11/4/1996		
GV-02	11/14/1996		
GV-02	11/21/1996		
GV-02	3/28/1997		
GV-02	4/29/1997		
GV-02	5/15/1997		
GV-02	5/29/1997		
GV-02	6/12/1997		
GV-02	6/30/1997		
GV-02	7/10/1997		
GV-02	7/29/1997		
GV-02	8/4/1997		
GV-02	9/10/1997		
GV-02	10/7/1997		
GV-02	5/5/1998		
GV-02	8/4/1998		
GV-02	12/3/1998		
GV-02	3/31/1999		
GV-02	6/2/1999		
GV-02	7/23/1999		
GV-02	10/11/1999		
GV-02	4/17/2000		
GV-02	5/25/2000		
GV-02	6/13/2000		
GV-02	7/6/2000		
GV-02	8/28/2000		
GV-02	9/20/2000		
GV-02	4/10/2001		
GV-02	5/9/2001		
GV-02	6/12/2001		
GV-02	7/17/2001		
GV-02	8/16/2001		
GV-02	9/11/2001		
GV-02	5/7/2002		
GV-02	5/1/2003		
GV-02	9/11/2003		
GV-02	4/19/2004		
GV-02	7/1/2004		

Sample Point	Date	Mercury - Dissolved (mg/L)	Molybdenum - Dissolved (mg/L)
GV-02	10/26/2004		
GV-02	5/6/2005		
GV-02	7/19/2005		
GV-02	10/14/2005		
GV-02	10/5/2006		
GV-02	3/28/2007		
GV-02	5/10/2007		
GV-02	7/3/2007		
GV-02	7/31/2007		
GV-02	8/30/2007		
GV-02	11/8/2007		
GV-02	6/30/2008		
GV-02	7/24/2008		
GV-02	9/12/2008		
GV-02	10/27/2008		
GV-02	6/3/2009		
GV-02	8/6/2009		
GV-02	9/10/2009		
GV-02	8/18/2010		
GV-02	7/30/2013		
GV-02	9/26/2013		
GV-02	6/9/2014		
GV-02	7/15/2014		
GV-02	8/20/2014		
GV-02	3/18/2015		
GV-02	3/23/2015		
GV-02	5/6/2015		
GV-02	6/24/2015		
GV-02	7/21/2015		
GV-02	10/7/2015		
GV-02	4/25/2016		
GV-02	6/14/2016	<0.05	6.43
GV-02	6/22/2016		
GV-02	8/24/2016		
GV-02	8/31/2016		
GV-02	9/7/2016		
GV-02	9/21/2016		
GV-02	9/28/2016		
GV-02	10/5/2016		
GV-02	3/28/2017		
GV-02	3/28/2017		
GV-02	4/12/2017		
GV-02	4/12/2017		

Sample Point	Date	Mercury - Dissolved (mg/L)	Molybdenum - Dissolved (mg/L)
GV-02	7/20/2017		
GV-02	8/8/2017		
GV-02	8/8/2017		
GV-02	10/4/2017		
GV-02	10/4/2017		
GV-02	4/9/2018		
GV-02	4/8/2019	<0.00020	<0.008
GV-02	4/8/2019		
GV-02	4/7/2020	<0.00020	<0.008
GV-02	5/16/2023	<0.000200	<0.0080
GV-02	8/2/2023	<0.000200	<0.0080
GV-02	4/16/2024	<0.000200	<0.0080
GV-02	5/29/2024		
GV-06	10/4/2022	<0.000200	<0.0080
GV-06	6/12/2023	<0.000200	<0.0080
GV-06	7/10/2023	<0.000200	<0.0080
GV-06	8/8/2023	<0.000200	<0.0080
GV-06	9/12/2023	<0.000200	<0.0080
GV-06	10/10/2023	<0.000200	<0.0080
GV-06	11/15/2023	<0.000200	<0.0080
GV-06	4/15/2024	<0.000200	<0.0080
GV-06	5/29/2024		

Sample Point	Date	Nickel - Dissolved (mg/L)	Nitrate as Nitrogen (mg/L)
GV-02	7/9/1996	0.013	0.15
GV-02	8/23/1996	0.071	0.51
GV-02	9/25/1996	0.066	2.5
GV-02	10/14/1996	0.05	0.95
GV-02	10/29/1996	0.039	1.6
GV-02	11/4/1996	0.023	0.522
GV-02	11/14/1996	0.029	0.073
GV-02	11/21/1996	0.021	<0.05
GV-02	3/28/1997	<0.005	<0.05
GV-02	4/29/1997	0.008	<0.05
GV-02	5/15/1997	0.008	<0.05
GV-02	5/29/1997	0.016	0.168
GV-02	6/12/1997	0.026	0.376
GV-02	6/30/1997	0.007	<0.05
GV-02	7/10/1997	<0.005	<0.05
GV-02	7/29/1997	0.011	0.278
GV-02	8/4/1997	0.032	0.742
GV-02	9/10/1997	0.025	0.073
GV-02	10/7/1997	0.009	<0.05
GV-02	5/5/1998	0.011	<0.05
GV-02	8/4/1998	0.012	0.068
GV-02	12/3/1998	0.008	0.097
GV-02	3/31/1999	0.006	<0.05
GV-02	6/2/1999	0.009	<0.05
GV-02	7/23/1999	0.006	<0.05
GV-02	10/11/1999	<0.005	<0.05
GV-02	4/17/2000	0.006	0.143
GV-02	5/25/2000	0.008	<0.05
GV-02	6/13/2000	<0.005	<0.05
GV-02	7/6/2000	<0.005	<0.05
GV-02	8/28/2000	0.051	0.532
GV-02	9/20/2000	<0.005	<0.05
GV-02	4/10/2001	<0.005	0.053
GV-02	5/9/2001	0.009	<0.05
GV-02	6/12/2001	<0.005	<0.05
GV-02	7/17/2001	0.006	<0.05
GV-02	8/16/2001	<0.005	0.109
GV-02	9/11/2001	0.012	0.051
GV-02	5/7/2002	<0.005	<0.05
GV-02	5/1/2003	0.4	0.065
GV-02	9/11/2003	0.329	0.052
GV-02	4/19/2004	0.137	0.488
GV-02	7/1/2004	0.136	1.13

Sample Point	Date	Nickel - Dissolved (mg/L)	Nitrate as Nitrogen (mg/L)
GV-02	10/26/2004	0.05	<0.05
GV-02	5/6/2005	0.032	0.718
GV-02	7/19/2005	0.024	2.32
GV-02	10/14/2005	0.009	0.052
GV-02	10/5/2006	0.091	<0.05
GV-02	3/28/2007	0.025	<0.05
GV-02	5/10/2007	0.062	0.114
GV-02	7/3/2007	0.048	<0.05
GV-02	7/31/2007	0.048	0.102
GV-02	8/30/2007	0.027	0.061
GV-02	11/8/2007	0.008	<0.05
GV-02	6/30/2008	0.0471	<0.05
GV-02	7/24/2008	0.0107	<0.05
GV-02	9/12/2008	0.006	<0.05
GV-02	10/27/2008	<0.005	<0.05
GV-02	6/3/2009	0.006	<0.05
GV-02	8/6/2009	0.006	<0.05
GV-02	9/10/2009	<0.005	<0.05
GV-02	8/18/2010	0.007	<0.05
GV-02	7/30/2013	0.949	<0.05
GV-02	9/26/2013	0.138	<0.05
GV-02	6/9/2014	0.105	<0.05
GV-02	7/15/2014	0.164	<0.05
GV-02	8/20/2014	0.085	<0.05
GV-02	3/18/2015	0.009	0.254
GV-02	3/23/2015	0.023	1.28
GV-02	5/6/2015	0.03	0.058
GV-02	6/24/2015	0.016	<0.05
GV-02	7/21/2015	0.013	<0.05
GV-02	10/7/2015	0.015	<0.05
GV-02	4/25/2016	0.028	1.25
GV-02	6/14/2016	<0.005	<0.001
GV-02	6/22/2016	0.005	<0.05
GV-02	8/24/2016	0.053	<0.05
GV-02	8/31/2016	0.022	<0.05
GV-02	9/7/2016	0.024	<0.05
GV-02	9/21/2016	0.027	<0.05
GV-02	9/28/2016	0.024	<0.05
GV-02	10/5/2016	0.014	<0.05
GV-02	3/28/2017	0.019	0.452
GV-02	3/28/2017		
GV-02	4/12/2017	0.02	<0.050
GV-02	4/12/2017		

Sample Point	Date	Nickel - Dissolved (mg/L)	Nitrate as Nitrogen (mg/L)
GV-02	7/20/2017	0.051	<0.050
GV-02	8/8/2017	0.038	<0.050
GV-02	8/8/2017		
GV-02	10/4/2017	0.014	0.241
GV-02	10/4/2017		
GV-02	4/9/2018	0.049	0.402
GV-02	4/8/2019	0.0403	<0.050
GV-02	4/8/2019		
GV-02	4/7/2020	0.0903	<0.050
GV-02	5/16/2023	0.18	0.436
GV-02	8/2/2023	0.577	<0.050
GV-02	4/16/2024	0.0375	0.825
GV-02	5/29/2024		
GV-06	10/4/2022	<0.0100	0.101
GV-06	6/12/2023	<0.0100	<0.050
GV-06	7/10/2023	<0.0100	<0.050
GV-06	8/8/2023	<0.0100	0.198
GV-06	9/12/2023	<0.0100	0.185
GV-06	10/10/2023	<0.0100	0.203
GV-06	11/15/2023	<0.0100	0.317
GV-06	4/15/2024	<0.0100	0.722
GV-06	5/29/2024		

Sample Point	Date	Nitrite + Nitrate as Nitrogen (mg/L)	Nitrite as Nitrogen (mg/L)
GV-02	7/9/1996		0.15 <0.05
GV-02	8/23/1996		0.51 <0.05
GV-02	9/25/1996		2.5 <0.05
GV-02	10/14/1996		0.95 <0.05
GV-02	10/29/1996		1.6 <0.05
GV-02	11/4/1996		0.522 <0.05
GV-02	11/14/1996		0.073 <0.05
GV-02	11/21/1996	<0.05	<0.05
GV-02	3/28/1997	<0.05	<0.05
GV-02	4/29/1997	<0.05	<0.05
GV-02	5/15/1997	<0.05	<0.05
GV-02	5/29/1997		0.168 <0.05
GV-02	6/12/1997		0.376 <0.05
GV-02	6/30/1997	<0.05	<0.05
GV-02	7/10/1997	<0.05	<0.05
GV-02	7/29/1997		0.278 <0.05
GV-02	8/4/1997		0.742 <0.05
GV-02	9/10/1997		0.073 <0.05
GV-02	10/7/1997	<0.05	<0.05
GV-02	5/5/1998	<0.05	<0.05
GV-02	8/4/1998		0.068 <0.05
GV-02	12/3/1998		0.097 <0.05
GV-02	3/31/1999	<0.05	<0.05
GV-02	6/2/1999	<0.05	<0.05
GV-02	7/23/1999	<0.05	<0.05
GV-02	10/11/1999	<0.05	<0.05
GV-02	4/17/2000		0.143 <0.05
GV-02	5/25/2000	<0.05	<0.05
GV-02	6/13/2000	<0.05	<0.05
GV-02	7/6/2000	<0.05	<0.05
GV-02	8/28/2000		0.532 <0.05
GV-02	9/20/2000	<0.05	<0.05
GV-02	4/10/2001		0.053 <0.05
GV-02	5/9/2001	<0.05	<0.05
GV-02	6/12/2001	<0.05	<0.05
GV-02	7/17/2001		0.0998 <0.05
GV-02	8/16/2001		<0.05
GV-02	9/11/2001		0.051 <0.05
GV-02	5/7/2002		<0.05
GV-02	5/1/2003		<0.05
GV-02	9/11/2003		<0.05
GV-02	4/19/2004		<0.05
GV-02	7/1/2004		<0.05

Sample Point	Date	Nitrite + Nitrate as Nitrogen (mg/L)	Nitrite as Nitrogen (mg/L)
GV-02	10/26/2004		<0.05
GV-02	5/6/2005		<0.05
GV-02	7/19/2005		<0.05
GV-02	10/14/2005		<0.05
GV-02	10/5/2006		<0.05
GV-02	3/28/2007		<0.05
GV-02	5/10/2007		<0.05
GV-02	7/3/2007		<0.05
GV-02	7/31/2007		<0.05
GV-02	8/30/2007		<0.05
GV-02	11/8/2007		<0.05
GV-02	6/30/2008		<0.05
GV-02	7/24/2008		<0.05
GV-02	9/12/2008		<0.05
GV-02	10/27/2008		<0.05
GV-02	6/3/2009		<0.05
GV-02	8/6/2009		<0.05
GV-02	9/10/2009		<0.05
GV-02	8/18/2010		<0.05
GV-02	7/30/2013		<0.05
GV-02	9/26/2013		<0.05
GV-02	6/9/2014		<0.05
GV-02	7/15/2014		<0.05
GV-02	8/20/2014		<0.05
GV-02	3/18/2015		<0.05
GV-02	3/23/2015		<0.05
GV-02	5/6/2015		<0.05
GV-02	6/24/2015		<0.05
GV-02	7/21/2015		<0.05
GV-02	10/7/2015		<0.05
GV-02	4/25/2016		0.123
GV-02	6/14/2016		343
GV-02	6/22/2016		<0.05
GV-02	8/24/2016		<0.05
GV-02	8/31/2016		<0.05
GV-02	9/7/2016		<0.05
GV-02	9/21/2016		<0.05
GV-02	9/28/2016		<0.05
GV-02	10/5/2016		<0.05
GV-02	3/28/2017		<0.050
GV-02	3/28/2017		
GV-02	4/12/2017		<0.050
GV-02	4/12/2017		

Sample Point	Date	Nitrite + Nitrate as Nitrogen (mg/L)	Nitrite as Nitrogen (mg/L)
GV-02	7/20/2017		<0.050
GV-02	8/8/2017		<0.050
GV-02	8/8/2017		
GV-02	10/4/2017		<0.050
GV-02	10/4/2017		
GV-02	4/9/2018		
GV-02	4/8/2019		<0.050
GV-02	4/8/2019		
GV-02	4/7/2020		<0.050
GV-02	5/16/2023	0.436	<0.050
GV-02	8/2/2023	<0.100	<0.050
GV-02	4/16/2024	0.825	<0.050
GV-02	5/29/2024		
GV-06	10/4/2022	0.106	<0.050
GV-06	6/12/2023	<0.100	<0.050
GV-06	7/10/2023	<0.100	<0.050
GV-06	8/8/2023	0.214	<0.050
GV-06	9/12/2023	0.206	<0.050
GV-06	10/10/2023	0.207	<0.050
GV-06	11/15/2023	0.331	<0.050
GV-06	4/15/2024	0.733	<0.050
GV-06	5/29/2024		

Sample Point	Date	pH Field (pH unit)	Selenium - Dissolved (mg/L)	Silver - Dissolved (mg/L)
GV-02	7/9/1996		<0.005	<0.0005
GV-02	8/23/1996	6.11	<0.005	<0.001
GV-02	9/25/1996	6.26		0.005 <0.0005
GV-02	10/14/1996	6.17	<0.005	<0.0005
GV-02	10/29/1996	6.37	<0.005	<0.0005
GV-02	11/4/1996	6.56	<0.005	<0.001
GV-02	11/14/1996	6.69	<0.005	<0.001
GV-02	11/21/1996	6.92	<0.005	<0.0005
GV-02	3/28/1997	6.78	<0.005	<0.001
GV-02	4/29/1997	6.78	<0.005	<0.001
GV-02	5/15/1997	6.69	<0.005	<0.001
GV-02	5/29/1997	6.08	<0.005	<0.001
GV-02	6/12/1997	6.16	<0.005	<0.005
GV-02	6/30/1997	6.84	<0.005	<0.001
GV-02	7/10/1997	6.92	<0.005	<0.001
GV-02	7/29/1997	7.1	<0.005	<0.001
GV-02	8/4/1997	5.84	<0.005	0.001
GV-02	9/10/1997	6.62	<0.005	<0.001
GV-02	10/7/1997	6.1	<0.005	<0.001
GV-02	5/5/1998	6.67	<0.005	<0.001
GV-02	8/4/1998	7.08	<0.005	<0.001
GV-02	12/3/1998	6.44	<0.005	<0.001
GV-02	3/31/1999	7.21	<0.005	<0.001
GV-02	6/2/1999	7.13	<0.005	<0.001
GV-02	7/23/1999	7.25	<0.005	<0.001
GV-02	10/11/1999	6.92	<0.005	<0.001
GV-02	4/17/2000	7.46	<0.005	<0.001
GV-02	5/25/2000	6.46	<0.005	<0.001
GV-02	6/13/2000	7.02	<0.005	<0.001
GV-02	7/6/2000	7.21	<0.005	<0.001
GV-02	8/28/2000	6.62	<0.005	<0.001
GV-02	9/20/2000	7.17	<0.005	<0.001
GV-02	4/10/2001	7.28	<0.005	<0.001
GV-02	5/9/2001	6.74	<0.005	<0.001
GV-02	6/12/2001	6.85	<0.005	<0.001
GV-02	7/17/2001	6.94	<0.005	<0.001
GV-02	8/16/2001	6.82	<0.005	<0.001
GV-02	9/11/2001	6.98	<0.005	<0.001
GV-02	5/7/2002	7.24	<0.005	<0.001
GV-02	5/1/2003	5.29	<0.005	<0.001
GV-02	9/11/2003	4.13	<0.005	<0.001
GV-02	4/19/2004	6.29	<0.005	<0.001
GV-02	7/1/2004	4.59	<0.005	<0.001

Sample Point	Date	pH Field (pH unit)	Selenium - Dissolved (mg/L)	Silver - Dissolved (mg/L)
GV-02	10/26/2004	5.8	<0.005	<0.001
GV-02	5/6/2005	6.01	<0.005	<0.001
GV-02	7/19/2005	6.65	<0.005	<0.001
GV-02	10/14/2005	6.5	<0.005	<0.001
GV-02	10/5/2006	6.38	<0.005	0.001
GV-02	3/28/2007	5.9	<0.005	<0.001
GV-02	5/10/2007	5.41	0.007	<0.001
GV-02	7/3/2007	6.21	<0.005	<0.001
GV-02	7/31/2007	6.18	<0.005	0.002
GV-02	8/30/2007	6.8	<0.005	<0.001
GV-02	11/8/2007	6.56	<0.005	<0.001
GV-02	6/30/2008	6.15	<0.005	<0.001
GV-02	7/24/2008	6.55	<0.005	<0.001
GV-02	9/12/2008	6.2	<0.005	<0.001
GV-02	10/27/2008	6.92	<0.005	<0.001
GV-02	6/3/2009	6.63	<0.005	0.001
GV-02	8/6/2009	7.36	<0.005	<0.001
GV-02	9/10/2009	7.63	<0.005	<0.001
GV-02	8/18/2010	7.38	<0.005	<0.001
GV-02	7/30/2013	5.12	<0.005	<0.001
GV-02	9/26/2013	4.34	<0.005	<0.001
GV-02	6/9/2014	4.35	<0.005	<0.001
GV-02	7/15/2014	4.88	0.005	<0.001
GV-02	8/20/2014	6.07	<0.005	<0.001
GV-02	3/18/2015	6.9	<0.005	<0.001
GV-02	3/23/2015	7.04	<0.005	<0.001
GV-02	5/6/2015	6.5	<0.005	<0.001
GV-02	6/24/2015	6.75	<0.005	<0.001
GV-02	7/21/2015	6.78	<0.005	<0.001
GV-02	10/7/2015	8.18	<0.005	<0.001
GV-02	4/25/2016	6.89	<0.005	<0.001
GV-02	6/14/2016		591	<10
GV-02	6/22/2016	6.66	<0.005	<0.001
GV-02	8/24/2016	6.7	<0.005	<0.001
GV-02	8/31/2016	6.72	<0.005	<0.001
GV-02	9/7/2016	6.6	<0.005	<0.001
GV-02	9/21/2016	6.19	<0.005	<0.001
GV-02	9/28/2016	6.63	<0.005	<0.001
GV-02	10/5/2016	6.64	<0.005	<0.001
GV-02	3/28/2017		<0.005	<0.001
GV-02	3/28/2017	7.31		
GV-02	4/12/2017		<0.005	<0.001
GV-02	4/12/2017	7.55		

Sample Point	Date	pH Field (pH unit)	Selenium - Dissolved (mg/L)	Silver - Dissolved (mg/L)
GV-02	7/20/2017	6.24	<0.005	<0.001
GV-02	8/8/2017	6.67	<0.005	<0.001
GV-02	8/8/2017	6.67		
GV-02	10/4/2017		<0.005	<0.001
GV-02	10/4/2017	6.12		
GV-02	4/9/2018	7.22	<0.0030	<0.0050
GV-02	4/8/2019		<0.0030	<0.0050
GV-02	4/8/2019	5.94		
GV-02	4/7/2020	5.97	<0.0030	<0.0050
GV-02	5/16/2023	6.47	<0.00100	<0.00008
GV-02	8/2/2023	4.24	<0.00200	<0.000160
GV-02	4/16/2024	6.3	<0.00200	<0.000160
GV-02	5/29/2024	4.7		
GV-06	10/4/2022	8.17	<0.00100	<0.0050
GV-06	6/12/2023	6.72	<0.00100	0.000082
GV-06	7/10/2023	6.28	<0.00100	<0.00008
GV-06	8/8/2023	6.93	<0.00100	<0.00008
GV-06	9/12/2023	6.41	<0.00100	<0.00008
GV-06	10/10/2023	6.14	<0.00100	<0.00008
GV-06	11/15/2023	7.14	<0.00100	<0.00008
GV-06	4/15/2024	6.57	<0.00100	<0.00008
GV-06	5/29/2024	7.24		

Sample Point	Date	Sodium - Dissolved (mg/L)	Sulfate - Total (mg/L)
GV-02	7/9/1996		1600
GV-02	8/23/1996		2462
GV-02	9/25/1996		1900
GV-02	10/14/1996		1400
GV-02	10/29/1996		1300
GV-02	11/4/1996		854
GV-02	11/14/1996		635
GV-02	11/21/1996		490
GV-02	3/28/1997		118
GV-02	4/29/1997		327
GV-02	5/15/1997		335
GV-02	5/29/1997		407
GV-02	6/12/1997		493
GV-02	6/30/1997		290
GV-02	7/10/1997		270
GV-02	7/29/1997		486
GV-02	8/4/1997		1130
GV-02	9/10/1997		931
GV-02	10/7/1997		707
GV-02	5/5/1998		200
GV-02	8/4/1998		221
GV-02	12/3/1998		241
GV-02	3/31/1999		172
GV-02	6/2/1999		111
GV-02	7/23/1999		397
GV-02	10/11/1999		238
GV-02	4/17/2000		66.1
GV-02	5/25/2000		219
GV-02	6/13/2000		197
GV-02	7/6/2000		354
GV-02	8/28/2000		1135
GV-02	9/20/2000		291
GV-02	4/10/2001		54.9
GV-02	5/9/2001		276
GV-02	6/12/2001		247
GV-02	7/17/2001		811
GV-02	8/16/2001		312
GV-02	9/11/2001		269
GV-02	5/7/2002		55.3
GV-02	5/1/2003		1100
GV-02	9/11/2003		1109
GV-02	4/19/2004		879
GV-02	7/1/2004		1362

Sample Point	Date	Sodium - Dissolved (mg/L)	Sulfate - Total (mg/L)
GV-02	10/26/2004		428
GV-02	5/6/2005		364
GV-02	7/19/2005		322
GV-02	10/14/2005		276
GV-02	10/5/2006		942
GV-02	3/28/2007		107
GV-02	5/10/2007		338
GV-02	7/3/2007		318
GV-02	7/31/2007		732
GV-02	8/30/2007		321
GV-02	11/8/2007		262
GV-02	6/30/2008		354
GV-02	7/24/2008		228
GV-02	9/12/2008		276
GV-02	10/27/2008		224
GV-02	6/3/2009		264
GV-02	8/6/2009		127
GV-02	9/10/2009		186
GV-02	8/18/2010		202
GV-02	7/30/2013		1740
GV-02	9/26/2013		370
GV-02	6/9/2014		572
GV-02	7/15/2014		1020
GV-02	8/20/2014		643
GV-02	3/18/2015		68.8
GV-02	3/23/2015		153
GV-02	5/6/2015		380
GV-02	6/24/2015		212
GV-02	7/21/2015		428
GV-02	10/7/2015		1120
GV-02	4/25/2016		598
GV-02	6/14/2016	<0.05	
GV-02	6/22/2016		324
GV-02	8/24/2016		986
GV-02	8/31/2016		645
GV-02	9/7/2016		739
GV-02	9/21/2016		1020
GV-02	9/28/2016		978
GV-02	10/5/2016		777
GV-02	3/28/2017		724
GV-02	3/28/2017		
GV-02	4/12/2017		536
GV-02	4/12/2017		

Sample Point	Date	Sodium - Dissolved (mg/L)	Sulfate - Total (mg/L)
GV-02	7/20/2017		986
GV-02	8/8/2017		689
GV-02	8/8/2017		
GV-02	10/4/2017		869
GV-02	10/4/2017		
GV-02	4/9/2018		1260
GV-02	4/8/2019		430
GV-02	4/8/2019		
GV-02	4/7/2020		504
GV-02	5/16/2023	10.6	479
GV-02	8/2/2023	30.9	1140
GV-02	4/16/2024	8.24	164
GV-02	5/29/2024		
GV-06	10/4/2022	12.1	48.7
GV-06	6/12/2023	13.3	89.3
GV-06	7/10/2023	13	125
GV-06	8/8/2023	12.1	46.9
GV-06	9/12/2023	13.1	62.6
GV-06	10/10/2023	12.7	69.3
GV-06	11/15/2023	16.5	88.8
GV-06	4/15/2024	4.22	18
GV-06	5/29/2024		

Sample Point	Date	Thallium - Dissolved (mg/L)	Total Dissolved Solids (mg/L)
GV-02	7/9/1996		2300
GV-02	8/23/1996		3400
GV-02	9/25/1996		2900
GV-02	10/14/1996		2200
GV-02	10/29/1996		1900
GV-02	11/4/1996		1200
GV-02	11/14/1996		1000
GV-02	11/21/1996		800
GV-02	3/28/1997		169
GV-02	4/29/1997		500
GV-02	5/15/1997		500
GV-02	5/29/1997		418
GV-02	6/12/1997		600
GV-02	6/30/1997		400
GV-02	7/10/1997		289
GV-02	7/29/1997		900
GV-02	8/4/1997		1600
GV-02	9/10/1997		1400
GV-02	10/7/1997		1300
GV-02	5/5/1998		336
GV-02	8/4/1998		422
GV-02	12/3/1998		
GV-02	3/31/1999		295
GV-02	6/2/1999		214
GV-02	7/23/1999		642
GV-02	10/11/1999		421
GV-02	4/17/2000		149
GV-02	5/25/2000		396
GV-02	6/13/2000		351
GV-02	7/6/2000		612
GV-02	8/28/2000		1789
GV-02	9/20/2000		507
GV-02	4/10/2001		123
GV-02	5/9/2001		468
GV-02	6/12/2001		407
GV-02	7/17/2001		1353
GV-02	8/16/2001		557
GV-02	9/11/2001		440
GV-02	5/7/2002		195
GV-02	5/1/2003		1672
GV-02	9/11/2003		1715
GV-02	4/19/2004		1414
GV-02	7/1/2004		1957

Sample Point	Date	Thallium - Dissolved (mg/L)	Total Dissolved Solids (mg/L)
GV-02	10/26/2004		716
GV-02	5/6/2005		561
GV-02	7/19/2005		558
GV-02	10/14/2005		474
GV-02	10/5/2006		1340
GV-02	3/28/2007		195
GV-02	5/10/2007		572
GV-02	7/3/2007		531
GV-02	7/31/2007		1130
GV-02	8/30/2007		445
GV-02	11/8/2007		431
GV-02	6/30/2008		557
GV-02	7/24/2008		504
GV-02	9/12/2008		501
GV-02	10/27/2008		365
GV-02	6/3/2009		463
GV-02	8/6/2009		375
GV-02	9/10/2009		457
GV-02	8/18/2010		397
GV-02	7/30/2013		2610
GV-02	9/26/2013		668
GV-02	6/9/2014		959
GV-02	7/15/2014		1540
GV-02	8/20/2014		1040
GV-02	3/18/2015		171
GV-02	3/23/2015		336
GV-02	5/6/2015		671
GV-02	6/24/2015		410
GV-02	7/21/2015		761
GV-02	10/7/2015		1840
GV-02	4/25/2016		997
GV-02	6/14/2016		
GV-02	6/22/2016		613
GV-02	8/24/2016		1550
GV-02	8/31/2016		1010
GV-02	9/7/2016		1170
GV-02	9/21/2016		1610
GV-02	9/28/2016		1600
GV-02	10/5/2016		1310
GV-02	3/28/2017		1110
GV-02	3/28/2017		
GV-02	4/12/2017		868
GV-02	4/12/2017		

Sample Point	Date	Thallium - Dissolved (mg/L)	Total Dissolved Solids (mg/L)
GV-02	7/20/2017		1490
GV-02	8/8/2017		1110
GV-02	8/8/2017		
GV-02	10/4/2017		1410
GV-02	10/4/2017		
GV-02	4/9/2018		2050
GV-02	4/8/2019	<0.00100	685
GV-02	4/8/2019		
GV-02	4/7/2020	<0.00100	812
GV-02	5/16/2023	<0.00100	759
GV-02	8/2/2023	<0.000400	1640
GV-02	4/16/2024	<0.000400	272
GV-02	5/29/2024		
GV-06	10/4/2022	<0.00100	189
GV-06	6/12/2023	<0.00100	244
GV-06	7/10/2023	<0.00100	298
GV-06	8/8/2023	<0.000200	233
GV-06	9/12/2023	<0.000200	209
GV-06	10/10/2023	<0.000200	223
GV-06	11/15/2023	<0.000200	277
GV-06	4/15/2024	<0.000200	118
GV-06	5/29/2024		

Sample Point	Date	Total Suspended Solids (mg/L)	Uranium - Dissolved (mg/L)
GV-02	7/9/1996		180
GV-02	8/23/1996		51
GV-02	9/25/1996		6
GV-02	10/14/1996		10
GV-02	10/29/1996		8
GV-02	11/4/1996		41
GV-02	11/14/1996	<10	
GV-02	11/21/1996		10
GV-02	3/28/1997	<10	
GV-02	4/29/1997	<10	
GV-02	5/15/1997	<10	
GV-02	5/29/1997	<10	
GV-02	6/12/1997	<10	
GV-02	6/30/1997	<10	
GV-02	7/10/1997	<10	
GV-02	7/29/1997	<10	
GV-02	8/4/1997		16
GV-02	9/10/1997	<10	
GV-02	10/7/1997	<10	
GV-02	5/5/1998	<10	
GV-02	8/4/1998	<10	
GV-02	12/3/1998		12
GV-02	3/31/1999	<10	
GV-02	6/2/1999	<10	
GV-02	7/23/1999		10
GV-02	10/11/1999		13
GV-02	4/17/2000		28
GV-02	5/25/2000	<10	
GV-02	6/13/2000	<10	
GV-02	7/6/2000	<10	
GV-02	8/28/2000	<10	
GV-02	9/20/2000	<10	
GV-02	4/10/2001	<10	
GV-02	5/9/2001	<10	
GV-02	6/12/2001	<10	
GV-02	7/17/2001	<10	
GV-02	8/16/2001	<10	
GV-02	9/11/2001	<10	
GV-02	5/7/2002	<10	
GV-02	5/1/2003	<10	
GV-02	9/11/2003	<10	
GV-02	4/19/2004	<10	
GV-02	7/1/2004	<10	

Sample Point	Date	Total Suspended Solids (mg/L)	Uranium - Dissolved (mg/L)
GV-02	10/26/2004	<10	
GV-02	5/6/2005	<10	
GV-02	7/19/2005	<10	
GV-02	10/14/2005	<10	
GV-02	10/5/2006	<10	
GV-02	3/28/2007	<10	
GV-02	5/10/2007	<10	
GV-02	7/3/2007	<10	
GV-02	7/31/2007	<10	
GV-02	8/30/2007	<10	
GV-02	11/8/2007	<10	
GV-02	6/30/2008		33
GV-02	7/24/2008		12
GV-02	9/12/2008	<10	
GV-02	10/27/2008	<10	
GV-02	6/3/2009	<10	
GV-02	8/6/2009	<10	
GV-02	9/10/2009	<10	
GV-02	8/18/2010	<10	
GV-02	7/30/2013	<10	
GV-02	9/26/2013	<10	
GV-02	6/9/2014	<10	
GV-02	7/15/2014	<10	
GV-02	8/20/2014	<10	
GV-02	3/18/2015	<10	
GV-02	3/23/2015	<10	
GV-02	5/6/2015	<10	
GV-02	6/24/2015	<10	
GV-02	7/21/2015	<10	
GV-02	10/7/2015	<10	
GV-02	4/25/2016	<10	
GV-02	6/14/2016		
GV-02	6/22/2016	<10	
GV-02	8/24/2016	<10	
GV-02	8/31/2016	<10	
GV-02	9/7/2016		18
GV-02	9/21/2016	<10	
GV-02	9/28/2016		14
GV-02	10/5/2016	<10	
GV-02	3/28/2017	<10.0	
GV-02	3/28/2017		
GV-02	4/12/2017	<10.0	
GV-02	4/12/2017		

Sample Point	Date	Total Suspended Solids (mg/L)	Uranium - Dissolved (mg/L)
GV-02	7/20/2017	<10.0	
GV-02	8/8/2017	<10.0	
GV-02	8/8/2017		
GV-02	10/4/2017		17
GV-02	10/4/2017		
GV-02	4/9/2018		17
GV-02	4/8/2019		62 <0.00100
GV-02	4/8/2019		
GV-02	4/7/2020		17 <0.00100
GV-02	5/16/2023	<5.0	0.00011
GV-02	8/2/2023		9 0.000431
GV-02	4/16/2024	<5.0	<0.000200
GV-02	5/29/2024		
GV-06	10/4/2022		15 0.000886
GV-06	6/12/2023	<5.0	0.000742
GV-06	7/10/2023		7 0.00169
GV-06	8/8/2023		15 0.00182
GV-06	9/12/2023		27 0.00126
GV-06	10/10/2023		11 0.00145
GV-06	11/15/2023		34 0.00132
GV-06	4/15/2024		16 0.000533
GV-06	5/29/2024		

Sample Point	Date	Zinc - Dissolved (mg/L)	Specific Conductance - 25C Field (µS/cm)
GV-02	7/9/1996	0.068	
GV-02	8/23/1996	1.99	3510
GV-02	9/25/1996	3.8	3240
GV-02	10/14/1996	2.5	2690
GV-02	10/29/1996	2	1591
GV-02	11/4/1996	1.01	1066
GV-02	11/14/1996	0.564	690
GV-02	11/21/1996	0.37	801
GV-02	3/28/1997	0.146	431
GV-02	4/29/1997	0.07	1365
GV-02	5/15/1997	0.072	1204
GV-02	5/29/1997	0.307	1261
GV-02	6/12/1997	0.872	1385
GV-02	6/30/1997	0.104	414
GV-02	7/10/1997	<0.05	748
GV-02	7/29/1997	0.278	1910
GV-02	8/4/1997	2.27	1875
GV-02	9/10/1997	0.734	1674
GV-02	10/7/1997	0.185	1479
GV-02	5/5/1998	0.054	742
GV-02	8/4/1998	0.121	462
GV-02	12/3/1998	0.08	446
GV-02	3/31/1999	0.056	473
GV-02	6/2/1999	0.051	352
GV-02	7/23/1999	0.076	726
GV-02	10/11/1999	0.057	636
GV-02	4/17/2000	<0.05	238
GV-02	5/25/2000	0.068	535
GV-02	6/13/2000	<0.05	513
GV-02	7/6/2000	<0.05	820
GV-02	8/28/2000	1.69	2050
GV-02	9/20/2000	<0.05	342
GV-02	4/10/2001		
GV-02	5/9/2001	0.112	480
GV-02	6/12/2001	<0.05	576
GV-02	7/17/2001	0.176	1231
GV-02	8/16/2001	0.314	689
GV-02	9/11/2001	0.137	541
GV-02	5/7/2002	<0.05	309
GV-02	5/1/2003	8.09	1899
GV-02	9/11/2003	1.46	2050
GV-02	4/19/2004	1.32	1601
GV-02	7/1/2004	2.09	2180

Sample Point	Date	Zinc - Dissolved (mg/L)	Specific Conductance - 25C Field (µS/cm)
GV-02	10/26/2004	0.154	869
GV-02	5/6/2005	0.398	702
GV-02	7/19/2005	<0.05	711
GV-02	10/14/2005	<0.05	650
GV-02	10/5/2006	0.615	1528
GV-02	3/28/2007	0.221	286
GV-02	5/10/2007	0.853	442
GV-02	7/3/2007	0.215	683
GV-02	7/31/2007	0.571	1423
GV-02	8/30/2007	0.078	613
GV-02	11/8/2007	<0.05	646
GV-02	6/30/2008	0.556	129
GV-02	7/24/2008	<0.05	697
GV-02	9/12/2008	<0.05	585
GV-02	10/27/2008	<0.05	582
GV-02	6/3/2009	<0.05	646
GV-02	8/6/2009	<0.05	572
GV-02	9/10/2009	<0.05	668
GV-02	8/18/2010	<0.05	538
GV-02	7/30/2013	14.9	2680
GV-02	9/26/2013	0.766	998
GV-02	6/9/2014	0.328	1260
GV-02	7/15/2014		1840
GV-02	8/20/2014	0.143	1360
GV-02	3/18/2015	0.075	264
GV-02	3/23/2015	0.275	468
GV-02	5/6/2015	0.17	918
GV-02	6/24/2015	<0.05	576
GV-02	7/21/2015	<0.05	831
GV-02	10/7/2015	<0.05	1552
GV-02	4/25/2016	0.105	2310
GV-02	6/14/2016		1210
GV-02	6/22/2016	<0.05	
GV-02	8/24/2016	0.306	849
GV-02	8/31/2016	0.126	1950
GV-02	9/7/2016	0.072	758
GV-02	9/21/2016	0.056	1470
GV-02	9/28/2016	<0.05	1670
GV-02	10/5/2016	<0.05	2030
GV-02	3/28/2017	0.078	1390
GV-02	3/28/2017		1519
GV-02	4/12/2017	<0.050	
GV-02	4/12/2017		

Sample Point	Date	Zinc - Dissolved (mg/L)	Specific Conductance - 25C Field (µS/cm)
GV-02	7/20/2017	0.306	1385
GV-02	8/8/2017	0.108	1410
GV-02	8/8/2017		1405
GV-02	10/4/2017	<0.050	
GV-02	10/4/2017		1785
GV-02	4/9/2018	0.271	
GV-02	4/8/2019	0.796	
GV-02	4/8/2019		922
GV-02	4/7/2020	2.34	
GV-02	5/16/2023	5.37	1232
GV-02	8/2/2023	8.09	969.9
GV-02	4/16/2024	0.748	1799
GV-02	5/29/2024		412.4
GV-06	10/4/2022	<0.0100	1749
GV-06	6/12/2023	<0.0100	309.5
GV-06	7/10/2023	<0.0100	360
GV-06	8/8/2023	<0.0100	461.5
GV-06	9/12/2023	<0.0100	346.4
GV-06	10/10/2023	<0.0100	351.8
GV-06	11/15/2023	<0.0100	344.2
GV-06	4/15/2024	<0.0100	414.7
GV-06	5/29/2024		189.2



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Attachment 4





