



# Tritton and Girilambone Operations

## Monthly Environmental Monitoring Report

[October] [2019]

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### **Environmental Protection License 11254**

TRITTON COPPER MINE

YARRANDALE ROAD, HERMIDALE, NSW, 2831

*<http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=11254&id=11254&option=licence&searchrange=licence&range=POEO licence&prp=no&status=Issued>*

### **Environmental Protection License 4501**

TRITTON COPPER MINE

BOORAMUGGA ROAD, GIRILAMBONE, NSW, 2831

*<http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=4501&id=4501&option=licence&searchrange=licence&range=POEO licence&prp=no&status=Issued>*

**[OCTOBER] [2019] – GROUNDWATER MONITORING REPORT**  
**TRITTON OPERATIONS LICENCE NO.11254**

Licensee: TRITTON RESOURCES LIMITED EPL No. 11254					
Sample Point	Monitoring Frequency	Date	Parameter	Measurement	Unit
EPA ID No. 12 - PZH001	Quarterly	Sampled:  Obtained:  Published: 26/11/2019	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL		mg/L <sup>1</sup> mg/L mg/L mg/L mg/L mg/L mg/L mg/L μS/cm <sup>2</sup> mg/L mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L mg/L m <sup>3</sup>
EPA ID No. 13 - PZH002	Quarterly	Sampled:  Obtained:  Published: 26/11/2019	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH		mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L μS/cm mg/L mg/L mg/L mg/L mg/L mg/L mg/L pH Unit

<sup>1</sup> Milligrams per litre

<sup>2</sup> Microsiemens per centimetre

<sup>3</sup> Metres

			Sulfate Vanadium Zinc SWL		mg/L mg/L mg/L m
EPA ID No. 14 - PZH003	Quarterly	Sampled:  Obtained:  Published: 26/11/2019	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL		mg/L mg/L mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 15 - PZH004	Quarterly	Sampled: D/M/Y  Obtained: D/M/Y  Published: 26/11/2019	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL		mg/L mg/L mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 16 - PZH005	Quarterly	Sampled:  Obtained:	Arsenic Barium Beryllium Cadmium		mg/L mg/L mg/L mg/L

		Published: 26/11/2019	Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL		mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 17 - PZH006	Quarterly	Sampled:  Obtained:  Published: 26/11/2019	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL		mg/L mg/L mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 18 - PZH007	Quarterly	Sampled: D/M/Y  Obtained: D/M/Y  Published: 26/11/2019	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese		mg/L mg/L mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L

			Mercury Nickel pH Sulfate Vanadium Zinc SWL		mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 19 - PZH008	Quarterly	Sampled: D/M/Y  Obtained: D/M/Y  Published: 26/11/2019	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL		mg/L mg/L mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 20 - PZH009	Quarterly	Sampled: D/M/Y  Obtained: D/M/Y  Published: 26/11/2019	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL		mg/L mg/L mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID	Quarterly	Sampled:	Arsenic		mg/L

No. 22 - PZH013		D/M/Y  Obtained: D/M/Y  Published: 26/11/2019	Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL		mg/L mg/L mg/L mg/L mg/L mg/L μS/cm mg/L mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 23 - PZH014	Quarterly	Sampled: D/M/Y  Obtained: D/M/Y  Published: 26/11/2019	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL		mg/L mg/L mg/L mg/L mg/L mg/L mg/L μS/cm mg/L mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 24 - PZH015	Quarterly	Sampled: D/M/Y  Obtained: D/M/Y  Published: 26/11/2019	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper		mg/L mg/L mg/L mg/L mg/L mg/L mg/L μS/cm mg/L

			Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL		mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L mg/L m
EPA ID No. 25 - PZH017	Quarterly	Sampled: 8/10/19  Obtained: 31/10/19  Published: 26/11/2019	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	0.001 0.031 0.001 0.0003 3480 0.001 0.001 12800 0.012 0.05 0.001 0.087 0.0001 0.008 8.24 776 0.01 0.026 44.64	mg/L mg/L mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L mg/L m
EPA ID No. 26 - PZH018	Quarterly	Sampled: 8/10/19  Obtained: 31/10/19  Published: 26/11/2019	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium	0.002 0.003 0.001 0.0005 8510 0.001 0.001 29200 0.022 0.05 0.001 0.013 0.0001 0.005 8.15 3920 0.01	mg/L mg/L mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L

			Zinc	0.065	mg/L
			SWL	20.75	m
EPA ID No. 27 - PZH019	Quarterly	Sampled: 8/10/19	Arsenic	0.003	mg/L
			Barium	0.026	mg/L
		Obtained: 31/10/19	Beryllium	0.001	mg/L
			Cadmium	0.0001	mg/L
		Published: 26/11/2019	Chloride	3280	mg/L
			Chromium	0.001	mg/L
			Cobalt	0.002	mg/L
			Conductivity (EC)	11800	µS/cm
			Copper	0.006	mg/L
			Iron	0.08	mg/L
			Lead	0.001	mg/L
			Manganese	0.053	mg/L
			Mercury	0.0001	mg/L
		Nickel	0.019	mg/L	
		pH	8.33	pH Unit	
		Sulfate	721	mg/L	
		Vanadium	0.01	mg/L	
Zinc	0.057	mg/L			
SWL	95.21	m			
EPA ID No. 28 - PZH020	Quarterly	Sampled: 8/10/19	Arsenic	0.001	mg/L
			Barium	0.02	mg/L
		Obtained: 31/10/19	Beryllium	0.001	mg/L
			Cadmium	0.0006	mg/L
		Published: 26/11/2019	Chloride	3880	mg/L
			Chromium	0.001	mg/L
			Cobalt	0.002	mg/L
			Conductivity (EC)	14000	µS/cm
			Copper	0.017	mg/L
			Iron	0.11	mg/L
			Lead	0.001	mg/L
			Manganese	0.089	mg/L
			Mercury	0.0001	mg/L
		Nickel	0.005	mg/L	
		pH	8.24	pH Unit	
		Sulfate	856	mg/L	
		Vanadium	0.01	mg/L	
Zinc	0.108	mg/L			
SWL	72.44	m			
EPA ID No. 29 - PZH021	Quarterly	Sampled: 11/10/19	Arsenic	0.001	mg/L
			Barium	0.056	mg/L
		Obtained: 31/10/19	Beryllium	0.001	mg/L
			Cadmium	0.0005	mg/L
			Chloride	4940	mg/L
Chromium	0.001	mg/L			



		Published: 26/11/2019	Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	0.003 17200 0.006 4.69 0.001 1.11 0.0001 0.002 8.08 1730 0.01 0.04 48.16	mg/L $\mu$ S/cm mg/L mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L mg/L m
EPA ID No. 30 - PZH022	Quarterly	Sampled: 11/10/19  Obtained:  Published: 26/11/2019	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	DRY	mg/L mg/L mg/L mg/L mg/L mg/L mg/L $\mu$ S/cm mg/L mg/L mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L mg/L m
EPA ID No. 31 - PZH023	Quarterly	Sampled: 11/10/19  Obtained:  Published: 26/11/2019	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel	DRY	mg/L mg/L mg/L mg/L mg/L mg/L mg/L $\mu$ S/cm mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L

			<p>pH</p> <p>Sulfate</p> <p>Vanadium</p> <p>Zinc</p> <p>SWL</p>		<p>pH Unit</p> <p>mg/L</p> <p>mg/L</p> <p>mg/L</p> <p>m</p>
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**[OCTOBER] [2019] – GROUNDWATER MONITORING REPORT**  
**GIRILAMBONE OPERATIONS LICENCE NO.4501**

Licensee: TRITTON RESOURCES LIMITED					
EPL No. 4501					
Sample Point	Monitoring Frequency	Date	Parameter	Measurement	Unit
EPA ID No. 2 - GIP224	Monthly	Sampled: 23/10/19	Arsenic	0.01	mg/L
			Barium	0.03	mg/L
			Beryllium	0.01	mg/L
		Obtained: 31/10/19	Cadmium	0.0022	mg/L
			Chloride	9110	mg/L
			Chromium	0.01	mg/L
		Published: 26/11/2019	Cobalt	0.021	mg/L
			Conductivity (EC)	33300	µS/cm
			Copper	0.06	mg/L
			Iron	0.16	mg/L
			Lead	0.01	mg/L
			Manganese	0.417	mg/L
			Mercury	0.0001	mg/L
			Nickel	0.029	mg/L
			pH	8.28	pH Unit
			Sulfate	4410	mg/L
Vanadium	0.1	mg/L			
Zinc	0.121	mg/L			
SWL	9.23	m			
EPA ID No. 3 - GIP225	Monthly	Sampled: 23/10/19	Arsenic	0.01	mg/L
			Barium	0.01	mg/L
			Beryllium	0.01	mg/L
		Obtained: 31/10/19	Cadmium	0.001	mg/L
			Chloride	7020	mg/L
			Chromium	0.01	mg/L
		Published: 26/11/2019	Cobalt	0.01	mg/L
			Conductivity (EC)	35200	µS/cm
			Copper	0.052	mg/L
			Iron	0.54	mg/L
			Lead	0.01	mg/L
			Manganese	0.207	mg/L
			Mercury	0.0001	mg/L
			Nickel	0.01	mg/L
			pH	8.02	pH Unit
			Sulfate	8860	mg/L
Vanadium	0.1	mg/L			
Zinc	0.05	mg/L			
SWL	12.98	m			

EPA ID No. 4 - GIP234	Quarterly	Sampled: 18/10/19	Arsenic	0.002	mg/L
			Barium	0.025	mg/L
			Beryllium	0.001	mg/L
		Obtained: 31/10/19	Cadmium	0.0004	mg/L
			Chloride	8150	mg/L
			Chromium	0.001	mg/L
		Published: 26/11/2019	Cobalt	0.014	mg/L
			Conductivity (EC)	27900	µS/cm
			Copper	0.007	mg/L
			Iron	1	mg/L
			Lead	0.001	mg/L
			Manganese	0.263	mg/L
			Mercury	0.0001	mg/L
			Nickel	0.012	mg/L
			pH	8.47	pH Unit
	Sulfate	2640	mg/L		
	Vanadium	0.01	mg/L		
	Zinc	0.074	mg/L		
	SWL	24.62	m		
EPA ID No. 5 - GIP273	Quarterly	Sampled: 17/10/19	Arsenic	0.01	mg/L
			Barium	0.013	mg/L
			Beryllium	0.01	mg/L
		Obtained: 31/10/19	Cadmium	0.0018	mg/L
			Chloride	10600	mg/L
			Chromium	0.01	mg/L
		Published: 26/11/2019	Cobalt	0.027	mg/L
			Conductivity (EC)	35800	µS/cm
			Copper	0.078	mg/L
			Iron	0.1	mg/L
			Lead	0.01	mg/L
			Manganese	0.276	mg/L
			Mercury	0.0001	mg/L
			Nickel	0.01	mg/L
			pH	7.62	pH Unit
	Sulfate	3440	mg/L		
	Vanadium	0.1	mg/L		
	Zinc	0.173	mg/L		
	SWL	17.19	m		
EPA ID No. 7 - GIP274	Monthly	Sampled: 25/10/19	Arsenic	0.01	mg/L
			Barium	0.01	mg/L
			Beryllium	0.01	mg/L
		Obtained: 7/11/19	Cadmium	0.001	mg/L
			Chloride	10200	mg/L
			Chromium	0.01	mg/L
		Published: 26/11/2019	Cobalt	0.01	mg/L
	Conductivity (EC)	37100	µS/cm		

			Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	0.01 0.1 0.01 0.01 0.0001 0.01 7.76 3300 0.1 0.05 19.42	mg/L mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 6 - GIP276	Quarterly	Sampled: 18/10/19  Obtained: 31/10/19  Published: 26/11/2019	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	0.002 0.026 0.001 0.002 8940 0.001 0.016 29700 0.062 0.06 0.003 0.307 0.0001 0.018 8.01 2990 0.01 0.16 21.28	mg/L mg/L mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 8 - GIP277	Quarterly	Sampled: 18/10/19  Obtained: 31/10/19  Published: 26/11/2019	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate	0.001 0.017 0.001 0.0002 1130 0.001 0.002 5880 0.02 0.07 0.001 0.056 0.0001 0.003 8.75 480	mg/L mg/L mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L mg/L mg/L pH Unit mg/L

			Vanadium	0.01	mg/L
			Zinc	0.051	mg/L
			SWL	18.35	m
EPA ID No. 9 - GIP278	Quarterly	Sampled: 23/10/19	Arsenic	0.008	mg/L
			Barium	0.016	mg/L
		Obtained: 31/10/19	Beryllium	0.001	mg/L
			Cadmium	0.0004	mg/L
		Published: 26/11/2019	Chloride	8640	mg/L
			Chromium	0.006	mg/L
			Cobalt	0.001	mg/L
			Conductivity (EC)	28800	µS/cm
			Copper	0.012	mg/L
			Iron	0.15	mg/L
			Lead	0.002	mg/L
			Manganese	0.007	mg/L
			Mercury	0.0001	mg/L
			Nickel	0.022	mg/L
		pH	8.17	pH Unit	
		Sulfate	2850	mg/L	
Vanadium	0.01	mg/L			
Zinc	0.031	mg/L			
SWL	25.82	m			
EPA ID No. 10 - GIP279A	Quarterly	Sampled: 22/10/19	Arsenic	0.003	mg/L
			Barium	0.027	mg/L
		Obtained: 31/10/19	Beryllium	0.001	mg/L
			Cadmium	0.0002	mg/L
		Published: 26/11/2019	Chloride	9230	mg/L
			Chromium	0.002	mg/L
			Cobalt	0.001	mg/L
			Conductivity (EC)	29600	µS/cm
			Copper	0.021	mg/L
			Iron	0.09	mg/L
			Lead	0.001	mg/L
			Manganese	0.008	mg/L
			Mercury	0.0001	mg/L
			Nickel	0.004	mg/L
		pH	8.08	pH Unit	
		Sulfate	2840	mg/L	
Vanadium	0.01	mg/L			
Zinc	0.028	mg/L			
SWL	24.88	m			
EPA ID No. 11 - GIP280A	Quarterly	Sampled: 23/10/19	Arsenic	0.002	mg/L
			Barium	0.037	mg/L
		Obtained: 31/10/19	Beryllium	0.001	mg/L
			Cadmium	0.0002	mg/L
			Chloride	5910	mg/L

		Published: 26/11/2019	Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	0.001 0.001 20500 0.034 0.19 0.001 0.039 0.0001 0.006 8.4 2000 0.01 0.189 22.51	mg/L mg/L µS/cm mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 12 - GIP290	Monthly	Sampled: 25/10/19  Obtained: 7/11/19  Published: 26/11/2019	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	0.001 0.023 0.001 0.0502 3690 0.002 0.257 19200 0.091 0.28 0.004 12.9 0.0001 0.025 7.12 4720 0.01 0.575 16.21	mg/L mg/L mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 13 - GIP291	Monthly	Sampled: 25/10/19  Obtained: 7/11/19  Published: 26/11/2019	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury	0.002 0.031 0.001 0.0048 8470 0.003 0.043 30900 0.053 0.29 0.002 0.754 0.0001	mg/L mg/L mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L mg/L

			Nickel	0.025	mg/L
			pH	7.53	pH Unit
			Sulfate	2880	mg/L
			Vanadium	0.01	mg/L
			Zinc	0.176	mg/L
			SWL	12.73	m
EPA ID No. 14 - GIP292A	Monthly	Sampled: 11/10/19  Obtained: 31/10/19  Published: 26/11/2019	Arsenic	0.059	mg/L
			Barium	0.01	mg/L
			Beryllium	0.103	mg/L
			Cadmium	3.54	mg/L
			Chloride	1990	mg/L
			Chromium	0.136	mg/L
			Cobalt	57.9	mg/L
			Conductivity (EC)	36100	µS/cm
			Copper	252	mg/L
			Iron	139	mg/L
			Lead	0.01	mg/L
			Manganese	522	mg/L
			Mercury	0.0006	mg/L
			Nickel	18.2	mg/L
			pH	3.66	pH Unit
			Sulfate	34200	mg/L
			Vanadium	0.16	mg/L
			Zinc	279	mg/L
			SWL	14.06	m
EPA ID No. 16 - GIP292AS	Monthly	Sampled: 11/10/19 Obtained:  Published: 26/11/2019	Arsenic		mg/L
			Barium		mg/L
			Beryllium		mg/L
			Cadmium		mg/L
			Chloride		mg/L
			Chromium		mg/L
			Cobalt		mg/L
			Conductivity (EC)		µS/cm
			Copper		mg/L
			Iron		mg/L
			Lead		mg/L
			Manganese		mg/L
			Mercury		mg/L
			Nickel		mg/L
			pH		pH Unit
			Sulfate		mg/L
			Vanadium		mg/L
			Zinc		mg/L
			SWL	10.31	m
EPA ID No. 17 -	Monthly	Sampled: 9/10/19	Arsenic	0.024	mg/L
			Barium	0.01	mg/L



GIP293		Obtained: 31/10/19  Published: 26/11/2019	Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	0.01 1.87 4630 0.01 24.7 45100 33 0.75 0.01 441 0.0003 8.37 4.34 32100 0.1 92 18.52	mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L mg/L m
EPA ID No. 18 - GIP294	Monthly	Sampled: 25/10/19  Obtained: 7/11/19  Published: 26/11/2019	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	0.01 0.034 0.01 0.821 2620 0.01 9.69 38300 21.7 0.1 0.01 73.6 0.0003 3.31 7.25 24300 0.1 50.6 18.27	mg/L mg/L mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 19 - GIP295	Monthly	Sampled: 17/10/19  Obtained: 31/10/19  Published: 26/11/2019	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron	0.01 0.038 0.01 0.001 9670 0.01 0.01 32200 0.024 0.1	mg/L mg/L mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L

			Lead	0.01	mg/L
			Manganese	0.033	mg/L
			Mercury	0.0001	mg/L
			Nickel	0.01	mg/L
			pH	8.36	pH Unit
			Sulfate	3000	mg/L
			Vanadium	0.1	mg/L
			Zinc	0.054	mg/L
			SWL	18.54	m
EPA ID No. 20 - GIP296	Monthly	Sampled: 25/10/19	Arsenic	0.001	mg/L
			Barium	0.016	mg/L
		Obtained: 7/11/19	Beryllium	0.001	mg/L
			Cadmium	0.0006	mg/L
		Published: 26/11/2019	Chloride	1670	mg/L
			Chromium	0.001	mg/L
			Cobalt	0.008	mg/L
			Conductivity (EC)	17300	µS/cm
			Copper	0.052	mg/L
			Iron	0.05	mg/L
			Lead	0.001	mg/L
			Manganese	0.097	mg/L
			Mercury	0.0001	mg/L
			Nickel	0.007	mg/L
			pH	7.06	pH Unit
		Sulfate	5920	mg/L	
		Vanadium	0.01	mg/L	
Zinc	0.071	mg/L			
SWL	12.98	m			
EPA ID No. 21 - GIP297	Monthly	Sampled: 17/10/19	Arsenic	0.005	mg/L
			Barium	0.001	mg/L
		Obtained: 31/10/19	Beryllium	0.001	mg/L
			Cadmium	0.0001	mg/L
		Published: 26/11/2019	Chloride	83	mg/L
			Chromium	0.001	mg/L
			Cobalt	0.001	mg/L
			Conductivity (EC)	1740	µS/cm
			Copper	0.012	mg/L
			Iron	0.05	mg/L
			Lead	0.001	mg/L
			Manganese	0.008	mg/L
			Mercury	0.0001	mg/L
			Nickel	0.001	mg/L
			pH	8.59	pH Unit
		Sulfate	234	mg/L	
		Vanadium	0.01	mg/L	
Zinc	0.011	mg/L			

			SWL	27.98	m
EPA ID No. 22 - GIP298	Monthly	Sampled: 25/10/19	Arsenic	0.01	mg/L
			Barium	0.01	mg/L
			Beryllium	0.01	mg/L
		Obtained: 7/11/19	Cadmium	0.001	mg/L
			Chloride	9990	mg/L
			Chromium	0.01	mg/L
		Published: 26/11/2019	Cobalt	0.01	mg/L
			Conductivity (EC)	36200	µS/cm
			Copper	0.01	mg/L
			Iron	0.1	mg/L
			Lead	0.01	mg/L
			Manganese	0.079	mg/L
			Mercury	0.0001	mg/L
			Nickel	0.01	mg/L
			pH	7.71	pH Unit
			Sulfate	3140	mg/L
			Vanadium	0.1	mg/L
Zinc	0.05	mg/L			
SWL	22.61	m			
EPA ID No. 23 - GIP299	Monthly	Sampled: 9/10/19	Arsenic	0.01	mg/L
			Barium	0.01	mg/L
			Beryllium	0.01	mg/L
		Obtained: 31/10/19	Cadmium	0.0043	mg/L
			Chloride	7270	mg/L
			Chromium	0.01	mg/L
		Published: 26/11/2019	Cobalt	0.01	mg/L
			Conductivity (EC)	34200	µS/cm
			Copper	0.011	mg/L
			Iron	0.1	mg/L
			Lead	0.01	mg/L
			Manganese	1.07	mg/L
			Mercury	0.0001	mg/L
			Nickel	0.01	mg/L
			pH	8.06	pH Unit
			Sulfate	8260	mg/L
			Vanadium	0.1	mg/L
Zinc	0.115	mg/L			
SWL	32.35	m			
EPA ID No. 24 - GIP300	Monthly	Sampled: 9/10/19	Arsenic	0.01	mg/L
			Barium	0.013	mg/L
			Beryllium	0.01	mg/L
		Obtained: 31/10/19	Cadmium	0.0018	mg/L
			Chloride	4980	mg/L
		Published:	Chromium	0.01	mg/L
			Cobalt	0.01	mg/L

		26/11/2019	Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	38900 0.01 0.1 0.01 0.048 0.0001 0.01 7.97 16400 0.1 0.068 22.84	µS/cm mg/L mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 25 - GIP301	Monthly	Sampled: 9/10/19  Obtained: 31/10/19  Published: 26/11/2019	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	0.001 0.024 0.001 0.0008 6230 0.001 0.021 22100 0.009 0.05 0.001 0.935 0.0001 0.011 8.13 2820 0.01 0.063 17.14	mg/L mg/L mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L m
EPA ID No. 26 - GIP302	Monthly	Sampled: 9/10/19  Obtained: 31/10/19  Published: 26/11/2019	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH	0.01 0.016 0.01 0.199 6590 0.01 2.31 34100 0.155 0.31 0.01 72.8 0.0001 1.17 7.49	mg/L mg/L mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L pH Unit

			Sulfate	9380	mg/L
			Vanadium	0.1	mg/L
			Zinc	3.73	mg/L
			SWL	21.24	m