



# Tritton and Girilambone Operations

## Monthly Environmental Monitoring Report

[January] [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>*

**[JANUARY] [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: D/M/Y  Obtained: D/M/Y  Published: 25/02/2019	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 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 m <sup>3</sup>
EPA ID No. 13 - PZH002	Quarterly	Sampled: D/M/Y  Obtained: D/M/Y  Published: 25/02/2019	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 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: D/M/Y  Obtained: D/M/Y  Published: 25/02/2019	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: 25/02/2019	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: D/M/Y  Obtained:	Arsenic Barium Beryllium Cadmium		mg/L mg/L mg/L mg/L

		D/M/Y  Published: 25/02/2019	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: D/M/Y  Obtained: D/M/Y  Published: 25/02/2019	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: 25/02/2019	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: 25/02/2019	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: 25/02/2019	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: 25/02/2019	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: 25/02/2019	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: 25/02/2019	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: 7/1/19  Obtained: 15/1/19  Published: 25/02/2019	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	0.001 0.033 0.001 0.0001 3440 0.001 0.001 12300 0.002 0.63 0.001 0.096 0.0001 0.001 8.12 651 0.01 0.014 44.91	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: 7/1/19  Obtained: 15/1/19  Published: 25/02/2019	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium	0.001 0.029 0.001 0.0001 8280 0.002 0.002 25100 0.01 0.66 0.001 0.27 0.0001 0.002 7.83 2530 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	0.028	mg/L
			SWL	19.45	m
EPA ID No. 27 - PZH019	Quarterly	Sampled: 7/1/19	Arsenic	0.006	mg/L
			Barium	0.024	mg/L
		Obtained: 15/1/19	Beryllium	0.001	mg/L
			Cadmium	0.0001	mg/L
		Published: 25/02/2019	Chloride	3260	mg/L
			Chromium	0.001	mg/L
			Cobalt	0.004	mg/L
			Conductivity (EC)	11900	µS/cm
			Copper	0.005	mg/L
			Iron	0.23	mg/L
			Lead	0.001	mg/L
			Manganese	0.068	mg/L
			Mercury	0.0001	mg/L
		Nickel	0.025	mg/L	
		pH	8.42	pH Unit	
		Sulfate	643	mg/L	
		Vanadium	0.01	mg/L	
Zinc	0.026	mg/L			
SWL	97.04	m			
EPA ID No. 28 - PZH020	Quarterly	Sampled: 7/1/19	Arsenic	0.001	mg/L
			Barium	0.012	mg/L
		Obtained: 15/1/19	Beryllium	0.001	mg/L
			Cadmium	0.0002	mg/L
		Published: 25/02/2019	Chloride	3690	mg/L
			Chromium	0.001	mg/L
			Cobalt	0.001	mg/L
			Conductivity (EC)	13500	µS/cm
			Copper	0.02	mg/L
			Iron	0.08	mg/L
			Lead	0.001	mg/L
			Manganese	0.096	mg/L
			Mercury	0.0001	mg/L
		Nickel	0.003	mg/L	
		pH	8.2	pH Unit	
		Sulfate	920	mg/L	
		Vanadium	0.01	mg/L	
Zinc	0.064	mg/L			
SWL	73.31	m			
EPA ID No. 29 - PZH021	Quarterly	Sampled: 7/1/19	Arsenic	0.001	mg/L
			Barium	0.066	mg/L
		Obtained: 15/1/19	Beryllium	0.001	mg/L
			Cadmium	0.0001	mg/L
			Chloride	4770	mg/L
Chromium	0.001	mg/L			



		Published: 25/02/2019	Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	0.001 16300 0.007 7.5 0.001 1.27 0.0001 0.001 7.84 1540 0.01 0.024 50.71	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. 30 - PZH022	Quarterly	Sampled: 7/1/2019  Obtained:  Published: 25/02/2019	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 μS/cm mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 31 - PZH023	Quarterly	Sampled: 7/1/19  Obtained: D/M/Y  Published: 25/02/2019	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 μS/cm 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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**[JANUARY] [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: 23/1/19	Arsenic	<0.010	mg/L
			Barium	0.022	mg/L
			Beryllium	<0.010	mg/L
		Obtained: 13/1/19	Cadmium	0.001	mg/L
			Chloride	8890	mg/L
			Chromium	<0.010	mg/L
		Published: 25/02/2019	Cobalt	<0.010	mg/L
			Conductivity (EC)	30000	µS/cm
			Copper	0.025	mg/L
			Iron	<0.10	mg/L
			Lead	<0.010	mg/L
			Manganese	0.217	mg/L
			Mercury	<0.0001	mg/L
			Nickel	0.034	mg/L
			pH	7.41	pH Unit
			Sulfate	4540	mg/L
			Vanadium	<0.10	mg/L
Zinc	0.105	mg/L			
SWL	7.51	m			
EPA ID No. 3 - GIP225	Monthly	Sampled: 17/1/19	Arsenic	0.01	mg/L
			Barium	0.01	mg/L
			Beryllium	0.01	mg/L
		Obtained: 13/1/19	Cadmium	0.001	mg/L
			Chloride	6480	mg/L
			Chromium	0.01	mg/L
		Published: 25/02/2019	Cobalt	0.011	mg/L
			Conductivity (EC)	32300	µS/cm
			Copper	0.055	mg/L
			Iron	0.45	mg/L
			Lead	0.01	mg/L
			Manganese	0.245	mg/L
			Mercury	0.0001	mg/L
			Nickel	0.01	mg/L
			pH	7.06	pH Unit
			Sulfate	14300	mg/L
			Vanadium	0.1	mg/L
Zinc	0.11	mg/L			
SWL	11.85	m			

EPA ID No. 4 - GIP234	Quarterly	Sampled: 17/1/19	Arsenic	0.001	mg/L
			Barium	0.03	mg/L
			Beryllium	0.001	mg/L
		Obtained: 13/2/19	Cadmium	0.0005	mg/L
			Chloride	7790	mg/L
			Chromium	0.003	mg/L
		Published: 25/02/2019	Cobalt	0.011	mg/L
			Conductivity (EC)	24600	µS/cm
			Copper	0.018	mg/L
			Iron	1.11	mg/L
			Lead	0.022	mg/L
			Manganese	0.388	mg/L
			Mercury	0.0001	mg/L
			Nickel	0.012	mg/L
			pH	7.42	pH Unit
	Sulfate	2550	mg/L		
	Vanadium	0.01	mg/L		
	Zinc	0.067	mg/L		
	SWL	25.02	m		
EPA ID No. 5 - GIP273	Quarterly	Sampled: 15/1/19	Arsenic	0.01	mg/L
			Barium	0.02	mg/L
			Beryllium	0.01	mg/L
		Obtained: 29/1/19	Cadmium	0.001	mg/L
			Chloride	11200	mg/L
			Chromium	0.01	mg/L
		Published: 25/02/2019	Cobalt	0.01	mg/L
			Conductivity (EC)	33700	µS/cm
			Copper	0.063	mg/L
			Iron	0.52	mg/L
			Lead	0.015	mg/L
			Manganese	0.086	mg/L
			Mercury	0.0001	mg/L
			Nickel	0.01	mg/L
			pH	8.13	pH Unit
	Sulfate	2940	mg/L		
	Vanadium	0.1	mg/L		
	Zinc	0.148	mg/L		
	SWL	17.14	m		
EPA ID No. 7 - GIP274	Monthly	Sampled: 17/1/19	Arsenic	0.01	mg/L
			Barium	0.011	mg/L
			Beryllium	0.01	mg/L
		Obtained: 13/2/19	Cadmium	0.001	mg/L
			Chloride	10100	mg/L
		Published: 25/02/2019	Chromium	0.01	mg/L
	Cobalt	0.01	mg/L		
	Conductivity (EC)	31300	µS/cm		

			Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	0.01 0.15 0.01 0.046 0.0001 0.01 7.33 2500 0.1 0.05 18.73	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: 9/1/19  Obtained: 29/1/19  Published: 25/02/2019	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	0.01 0.029 0.01 0.001 8640 0.01 0.017 27200 0.045 1.59 0.064 0.593 0.0001 0.012 8.22 2660 0.1 0.089 20.94	mg/L mg/L mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 8 - GIP277	Quarterly	Sampled: 9/1/19  Obtained: 29/1/19  Published: 25/02/2019	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate	0.001 0.024 0.001 0.0001 1070 0.001 0.004 5540 0.016 0.72 0.007 0.086 0.0001 0.003 8.65 361	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

			Vanadium	0.01	mg/L
			Zinc	0.086	mg/L
			SWL	17.72	m
EPA ID No. 9 - GIP278	Quarterly	Sampled: 9/1/19	Arsenic	0.01	mg/L
			Barium	0.015	mg/L
		Obtained: 29/1/19	Beryllium	0.01	mg/L
			Cadmium	0.001	mg/L
		Published: 25/02/2019	Chloride	8840	mg/L
			Chromium	0.01	mg/L
			Cobalt	0.01	mg/L
			Conductivity (EC)	26800	µS/cm
			Copper	0.01	mg/L
			Iron	0.4	mg/L
			Lead	0.01	mg/L
			Manganese	0.011	mg/L
			Mercury	0.0001	mg/L
			Nickel	0.012	mg/L
		pH	8.32	pH Unit	
		Sulfate	2380	mg/L	
Vanadium	0.1	mg/L			
Zinc	0.056	mg/L			
SWL	25.58	m			
EPA ID No. 10 - GIP279A	Quarterly	Sampled: 9/1/19	Arsenic	0.01	mg/L
			Barium	0.026	mg/L
		Obtained: 29/1/19	Beryllium	0.01	mg/L
			Cadmium	0.001	mg/L
		Published: 25/02/2019	Chloride	9320	mg/L
			Chromium	0.01	mg/L
			Cobalt	0.015	mg/L
			Conductivity (EC)	28000	µS/cm
			Copper	0.015	mg/L
			Iron	0.15	mg/L
			Lead	0.01	mg/L
			Manganese	0.01	mg/L
			Mercury	0.0001	mg/L
			Nickel	0.01	mg/L
		pH	8.25	pH Unit	
		Sulfate	2490	mg/L	
Vanadium	0.1	mg/L			
Zinc	0.05	mg/L			
SWL	24.59	m			
EPA ID No. 11 - GIP280A	Quarterly	Sampled: 15/1/19	Arsenic	<0.001	mg/L
			Barium	0.04	mg/L
		Obtained: 29/1/19	Beryllium	<0.001	mg/L
			Cadmium	0.0003	mg/L
			Chloride	5830	mg/L

		Published: 25/02/2019	Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	<0.001 0.001 18700 0.019 0.16 <0.001 0.045 <0.0001 0.003 7.58 1780 <0.01 0.161 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: 30/1/19  Obtained: 13/2/19  Published: 25/02/2019	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	0.001 0.013 0.001 0.0856 3610 0.001 0.528 17400 0.098 0.09 0.001 25.2 0.0001 0.05 6.39 4700 0.01 1.14 15.67	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. 13 - GIP291	Monthly	Sampled: 23/1/19  Obtained: 13/2/19  Published: 25/02/2019	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury	0.01 0.022 0.01 0.0044 8440 0.01 0.046 26200 0.037 0.17 0.01 0.705 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	0.018	mg/L
			pH	7.14	pH Unit
			Sulfate	1880	mg/L
			Vanadium	0.1	mg/L
			Zinc	0.188	mg/L
			SWL	11.88	m
EPA ID No. 14 - GIP292A	Monthly	Sampled: 15/1/19  Obtained: 29/1/19  Published: 25/02/2019	Arsenic	0.091	mg/L
			Barium	0.003	mg/L
			Beryllium	0.128	mg/L
			Cadmium	3.99	mg/L
			Chloride	2480	mg/L
			Chromium	0.112	mg/L
			Cobalt	73.1	mg/L
			Conductivity (EC)	34000	µS/cm
			Copper	348	mg/L
			Iron	222	mg/L
			Lead	0.002	mg/L
			Manganese	641	mg/L
			Mercury	0.0002	mg/L
			Nickel	22.1	mg/L
			pH	3.47	pH Unit
			Sulfate	28900	mg/L
			Vanadium	0.23	mg/L
			Zinc	335	mg/L
			SWL	11.31	m
EPA ID No. 16 - GIP292AS	Monthly	Sampled: 15/1/19  Obtained:  Published: 25/02/2019	Arsenic	DRY	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		m
EPA ID No. 17 -	Monthly	Sampled: 30/1/19	Arsenic	0.011	mg/L
			Barium	0.015	mg/L



GIP293		Obtained: 13/2/19  Published: 25/02/2019	Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	0.011 1.67 4910 0.019 22.1 39000 38 0.24 0.01 358 0.0016 7.7 4.54 32400 0.1 81.2 16.84	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 mg/L m
EPA ID No. 18 - GIP294	Monthly	Sampled: 23/1/19  Obtained: 13/2/19  Published: 25/02/2019	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	0.01 0.026 0.01 0.75 2670 0.01 8.87 31800 25.1 0.1 0.01 61.8 0.0007 3.06 6.77 23200 0.1 45.3 16.67	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: 15/1/19  Obtained: 29/1/19  Published: 25/02/2019	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron	0.01 0.04 0.01 0.001 9920 0.01 0.01 30800 0.022 0.1	mg/L mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L

			Lead	0.01	mg/L
			Manganese	0.263	mg/L
			Mercury	0.0001	mg/L
			Nickel	0.011	mg/L
			pH	5.53	pH Unit
			Sulfate	2640	mg/L
			Vanadium	0.1	mg/L
			Zinc	0.094	mg/L
			SWL	17.28	m
EPA ID No. 20 - GIP296	Monthly	Sampled: 23/1/19	Arsenic	0.001	mg/L
			Barium	0.015	mg/L
		Obtained: 13/2/19	Beryllium	0.001	mg/L
			Cadmium	0.0006	mg/L
		Published: 25/02/2019	Chloride	1490	mg/L
			Chromium	0.001	mg/L
			Cobalt	0.007	mg/L
			Conductivity (EC)	15000	µS/cm
			Copper	0.069	mg/L
			Iron	0.05	mg/L
			Lead	0.001	mg/L
			Manganese	0.1	mg/L
			Mercury	0.0001	mg/L
			Nickel	0.007	mg/L
			pH	7.3	pH Unit
		Sulfate	5120	mg/L	
		Vanadium	0.01	mg/L	
Zinc	0.062	mg/L			
SWL	11.22	m			
EPA ID No. 21 - GIP297	Monthly	Sampled: 15/1/19	Arsenic	0.006	mg/L
			Barium	0.001	mg/L
		Obtained: 29/1/19	Beryllium	0.001	mg/L
			Cadmium	0.0001	mg/L
		Published: 25/02/2019	Chloride	107	mg/L
			Chromium	0.001	mg/L
			Cobalt	0.001	mg/L
			Conductivity (EC)	1550	µS/cm
			Copper	0.006	mg/L
			Iron	0.15	mg/L
			Lead	0.001	mg/L
			Manganese	0.004	mg/L
			Mercury	0.0001	mg/L
			Nickel	0.001	mg/L
			pH	7.83	pH Unit
		Sulfate	211	mg/L	
		Vanadium	0.01	mg/L	
Zinc	0.01	mg/L			

			SWL	26.94	m
EPA ID No. 22 - GIP298	Monthly	Sampled: 30/1/19	Arsenic	0.01	mg/L
			Barium	0.01	mg/L
			Beryllium	0.01	mg/L
		Obtained: 13/2/19	Cadmium	0.001	mg/L
			Chloride	9870	mg/L
			Chromium	0.01	mg/L
		Published: 25/02/2019	Cobalt	0.01	mg/L
			Conductivity (EC)	30400	µS/cm
			Copper	0.023	mg/L
			Iron	0.1	mg/L
			Lead	0.01	mg/L
			Manganese	0.062	mg/L
			Mercury	0.0001	mg/L
			Nickel	0.01	mg/L
			pH	7.33	pH Unit
			Sulfate	3240	mg/L
			Vanadium	0.1	mg/L
Zinc	0.171	mg/L			
SWL	22.57	m			
EPA ID No. 23 - GIP299	Monthly	Sampled: 24/1/19	Arsenic	0.018	mg/L
			Barium	0.047	mg/L
			Beryllium	0.01	mg/L
		Obtained: 13/2/19	Cadmium	0.001	mg/L
			Chloride	6720	mg/L
			Chromium	0.01	mg/L
		Published: 25/02/2019	Cobalt	0.064	mg/L
			Conductivity (EC)	28200	µS/cm
			Copper	0.03	mg/L
			Iron	5.17	mg/L
			Lead	0.01	mg/L
			Manganese	20.2	mg/L
			Mercury	0.0001	mg/L
			Nickel	0.019	mg/L
			pH	7.15	pH Unit
			Sulfate	8710	mg/L
			Vanadium	0.1	mg/L
Zinc	0.07	mg/L			
SWL	32.28	m			
EPA ID No. 24 - GIP300	Monthly	Sampled: 24/1/19	Arsenic	0.01	mg/L
			Barium	0.037	mg/L
			Beryllium	0.01	mg/L
		Obtained: 13/2/19	Cadmium	0.0023	mg/L
			Chloride	10500	mg/L
			Chromium	0.01	mg/L
		Published:	Cobalt	0.01	mg/L

		25/02/2019	Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	33100 0.01 0.1 0.01 0.26 0.0001 0.026 7.02 3830 0.1 0.064 21.75	µS/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. 25 - GIP301	Monthly	Sampled: 23/1/19  Obtained: 13/2/19  Published: 25/02/2019	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	0.001 0.012 0.001 0.0042 1630 0.001 0.002 9650 0.055 0.16 0.001 0.297 0.0001 0.015 7.62 1850 0.01 0.165 16.69	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: 23/1/19  Obtained: 13/2/19  Published: 25/02/2019	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH	0.004 0.006 0.008 0.303 5760 0.844 6.34 25000 48.6 5.71 0.003 32.5 0.0011 3.35 4.52	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	9570	mg/L
			Vanadium	0.01	mg/L
			Zinc	32.8	mg/L
			SWL	19.62	m