



Tritton and Girilambone Operations

Monthly Environmental Monitoring Report

July 2018

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>

JULY 2018 – 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: 21/08/2018	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL		mg/L ¹ mg/L mg/L mg/L mg/L mg/L mg/L μS/cm ² mg/L mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m ³
EPA ID No. 13 - PZH002	Quarterly	Sampled: D/M/Y Obtained: D/M/Y Published: 21/08/2018	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

¹ Milligrams per litre

² Microsiemens per centimetre

³ 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: 21/08/2018	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: 21/08/2018	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: 21/08/2018	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: 21/08/2018	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: 21/08/2018	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: 21/08/2018	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 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: 21/08/2018	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 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: 21/08/2018	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: 21/08/2018	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: 21/08/2018	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: 16/7/18 Obtained: 30/7/18 Published: 21/08/2018	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 3550 0.001 0.001 12000 0.001 1.19 0.001 0.098 0.0001 0.001 7.89 974 0.01 0.02 45.83	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: 16/7/18 Obtained: 30/7/18 Published: 21/08/2018	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium	0.001 0.028 0.001 0.0002 8400 0.002 0.002 26000 0.005 0.68 0.001 0.272 0.0001 0.004 7.77 2630 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	0.026	mg/L
			SWL	19.26	m
EPA ID No. 27 - PZH019	Quarterly	Sampled: 17/7/18	Arsenic	0.007	mg/L
			Barium	0.024	mg/L
		Obtained: 30/7/18	Beryllium	0.001	mg/L
			Cadmium	0.0001	mg/L
		Published: 21/08/2018	Chloride	3290	mg/L
			Chromium	0.001	mg/L
			Cobalt	0.005	mg/L
			Conductivity (EC)	10900	µS/cm
			Copper	0.003	mg/L
			Iron	0.22	mg/L
			Lead	0.001	mg/L
			Manganese	0.061	mg/L
			Mercury	0.0001	mg/L
		Nickel	0.032	mg/L	
		pH	7.61	pH Unit	
		Sulfate	862	mg/L	
		Vanadium	0.01	mg/L	
Zinc	0.022	mg/L			
SWL	98.31	m			
EPA ID No. 28 - PZH020	Quarterly	Sampled: 17/7/18	Arsenic	0.001	mg/L
			Barium	0.012	mg/L
		Obtained: 30/7/18	Beryllium	0.001	mg/L
			Cadmium	0.0003	mg/L
		Published: 21/08/2018	Chloride	3670	mg/L
			Chromium	0.001	mg/L
			Cobalt	0.002	mg/L
			Conductivity (EC)	13000	µS/cm
			Copper	0.027	mg/L
			Iron	0.06	mg/L
			Lead	0.001	mg/L
			Manganese	0.15	mg/L
			Mercury	0.0001	mg/L
		Nickel	0.004	mg/L	
		pH	7.6	pH Unit	
		Sulfate	1280	mg/L	
		Vanadium	0.01	mg/L	
Zinc	0.075	mg/L			
SWL	72.83	m			
EPA ID No. 29 - PZH021	Quarterly	Sampled: 30/7/18	Arsenic	0.001	mg/L
			Barium	0.064	mg/L
		Obtained: 6/8/18	Beryllium	0.001	mg/L
			Cadmium	0.0001	mg/L
			Chloride	5040	mg/L
Chromium	0.001	mg/L			

		Published: 21/08/2018	Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	0.001 16100 0.005 3.99 0.001 1.24 0.0001 0.001 7.64 1560 0.01 0.024 50.46	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: D/M/Y Obtained: D/M/Y Published: 21/08/2018	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 mg/L m
EPA ID No. 31 - PZH023	Quarterly	Sampled: D/M/Y Obtained: D/M/Y Published: 21/08/2018	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel		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>
--	--	--	---	--	---

JULY 2018 – 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: 17/7/18	Arsenic	<0.010	mg/L
			Barium	0.028	mg/L
			Beryllium	<0.010	mg/L
		Obtained: 30/7/18	Cadmium	0.0014	mg/L
			Chloride	9050	mg/L
			Chromium	<0.010	mg/L
		Published: 21/08/2018	Cobalt	<0.010	mg/L
			Conductivity (EC)	31500	µS/cm
			Copper	0.046	mg/L
			Iron	<0.10	mg/L
			Lead	<0.010	mg/L
			Manganese	0.202	mg/L
			Mercury	<0.0001	mg/L
			Nickel	0.013	mg/L
			pH	7.59	pH Unit
			Sulfate	4380	mg/L
Vanadium	<0.10	mg/L			
Zinc	0.139	mg/L			
SWL	6.02	m			
EPA ID No. 3 - GIP225	Monthly	Sampled: 17/7/18	Arsenic	<0.010	mg/L
			Barium	0.061	mg/L
			Beryllium	<0.010	mg/L
		Obtained: 30/7/18	Cadmium	<0.0010	mg/L
			Chloride	6440	mg/L
			Chromium	<0.010	mg/L
		Published: 21/08/2018	Cobalt	<0.010	mg/L
			Conductivity (EC)	34100	µS/cm
			Copper	<0.010	mg/L
			Iron	1.09	mg/L
			Lead	<0.010	mg/L
			Manganese	0.819	mg/L
			Mercury	<0.0001	mg/L
			Nickel	0.014	mg/L
			pH	7.71	pH Unit
			Sulfate	14200	mg/L
Vanadium	<0.10	mg/L			
Zinc	0.162	mg/L			
SWL	11.91	m			

EPA ID No. 4 - GIP234	Quarterly	Sampled: 16/7/18	Arsenic	0.001	mg/L
			Barium	0.033	mg/L
			Beryllium	0.001	mg/L
		Obtained: 30/7/18	Cadmium	0.0015	mg/L
			Chloride	7990	mg/L
			Chromium	0.004	mg/L
		Published: 21/08/2018	Cobalt	0.015	mg/L
			Conductivity (EC)	25600	µS/cm
			Copper	0.037	mg/L
			Iron	0.66	mg/L
			Lead	0.032	mg/L
			Manganese	0.432	mg/L
			Mercury	0.0001	mg/L
			Nickel	0.018	mg/L
			pH	7.6	pH Unit
EPA ID No. 5 - GIP273	Quarterly	Sampled: 16/7/18	Arsenic	0.01	mg/L
			Barium	0.021	mg/L
			Beryllium	0.01	mg/L
		Obtained: 30/7/18	Cadmium	0.001	mg/L
			Chloride	10800	mg/L
			Chromium	0.01	mg/L
		Published: 21/08/2018	Cobalt	0.01	mg/L
			Conductivity (EC)	34600	µS/cm
			Copper	0.069	mg/L
			Iron	0.24	mg/L
			Lead	0.013	mg/L
			Manganese	0.119	mg/L
			Mercury	0.0001	mg/L
			Nickel	0.01	mg/L
			pH	7.4	pH Unit
EPA ID No. 7 - GIP274	Monthly	Sampled: 23/7/18	Arsenic	0.01	mg/L
			Barium	0.01	mg/L
			Beryllium	0.01	mg/L
		Obtained: 6/8/18	Cadmium	0.001	mg/L
			Chloride	9590	mg/L
			Chromium	0.01	mg/L
		Published: 21/08/2018	Cobalt	0.01	mg/L
			Conductivity (EC)	32800	µS/cm
			Zinc	0.164	mg/L
			SWL	16.94	m

			Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	0.01 0.13 0.01 0.021 0.0001 0.01 7.34 3180 0.1 0.05 18.29	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: 9/7/18 Obtained: 30/7/18 Published: 21/08/2018	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 0.0008 8680 0.004 0.026 27500 0.016 0.96 0.073 0.63 0.0001 0.024 7.64 2790 0.01 0.103 20.82	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: 9/7/18 Obtained: 30/7/18 Published: 21/08/2018	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate	0.001 0.019 0.001 0.0001 1120 0.003 0.003 5320 0.028 0.52 0.009 0.066 0.0001 0.004 7.95 485	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	0.076	mg/L
			SWL	17.55	m
EPA ID No. 9 - GIP278	Quarterly	Sampled: 9/7/18	Arsenic	0.006	mg/L
			Barium	0.017	mg/L
		Obtained: 30/7/18	Beryllium	0.001	mg/L
			Cadmium	0.0004	mg/L
		Published: 21/08/2018	Chloride	8630	mg/L
			Chromium	0.006	mg/L
			Cobalt	0.001	mg/L
			Conductivity (EC)	27500	µS/cm
			Copper	0.008	mg/L
			Iron	0.15	mg/L
			Lead	0.004	mg/L
			Manganese	0.009	mg/L
			Mercury	0.0001	mg/L
			Nickel	0.016	mg/L
		pH	7.46	pH Unit	
		Sulfate	2590	mg/L	
Vanadium	0.01	mg/L			
Zinc	0.085	mg/L			
SWL	25.44	m			
EPA ID No. 10 - GIP279A	Quarterly	Sampled: 9/7/18	Arsenic	0.001	mg/L
			Barium	0.026	mg/L
		Obtained: 30/7/18	Beryllium	0.001	mg/L
			Cadmium	0.0003	mg/L
		Published: 21/08/2018	Chloride	9240	mg/L
			Chromium	0.001	mg/L
			Cobalt	0.001	mg/L
			Conductivity (EC)	28700	µS/cm
			Copper	0.023	mg/L
			Iron	0.16	mg/L
			Lead	0.001	mg/L
			Manganese	0.008	mg/L
			Mercury	0.0001	mg/L
			Nickel	0.003	mg/L
		pH	7.46	pH Unit	
		Sulfate	2710	mg/L	
Vanadium	0.01	mg/L			
Zinc	0.034	mg/L			
SWL	24.43	m			
EPA ID No. 11 - GIP280A	Quarterly	Sampled: 17/7/18	Arsenic	<0.001	mg/L
			Barium	0.037	mg/L
		Obtained: 30/7/18	Beryllium	<0.001	mg/L
			Cadmium	0.0002	mg/L
			Chloride	5960	mg/L

		Published: 21/08/2018	Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	<0.001 0.001 19300 0.019 0.06 <0.001 0.033 <0.0001 0.003 7.92 1770 <0.01 0.145 22.29	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: 18/7/18 Obtained: 30/7/18 Published: 21/08/2018	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	0.006 0.011 0.001 0.153 3500 0.001 1.77 18900 0.297 0.11 0.005 41.1 0.0001 0.341 6.84 7070 0.01 4.43 15.42	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: 18/7/18 Obtained: 30/7/18 Published: 21/08/2018	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury	0.001 0.022 0.001 0.0013 8400 0.001 0.007 27100 0.043 0.1 0.002 0.184 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	0.006	mg/L
			pH	7.39	pH Unit
			Sulfate	2960	mg/L
			Vanadium	0.01	mg/L
			Zinc	0.082	mg/L
			SWL	10.32	m
EPA ID No. 14 - GIP292A	Monthly	Sampled: 25/7/18 Obtained: 6/8/18 Published: 21/08/2018	Arsenic	0.109	mg/L
			Barium	0.014	mg/L
			Beryllium	0.212	mg/L
			Cadmium	4.79	mg/L
			Chloride	1530	mg/L
			Chromium	0.851	mg/L
			Cobalt	77.5	mg/L
			Conductivity (EC)	32800	µS/cm
			Copper	449	mg/L
			Iron	472	mg/L
			Lead	0.01	mg/L
			Manganese	676	mg/L
			Mercury	0.0001	mg/L
			Nickel	21.6	mg/L
			pH	3.63	pH Unit
			Sulfate	38800	mg/L
			Vanadium	0.28	mg/L
			Zinc	343	mg/L
			SWL	9.77	m
EPA ID No. 16 - GIP292AS	Monthly	Sampled: 25/7/18 Obtained: DRY Published: 21/08/2018	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: 18/7/18	Arsenic	0.02	mg/L
			Barium	0.01	mg/L

GIP293		Obtained: 30/7/18 Published: 21/08/2018	Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	0.016 2.43 4400 0.01 31.4 43900 53.2 0.43 0.01 513 0.0004 11.1 4.15 37900 0.1 121 15.79	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 mg/L m
EPA ID No. 18 - GIP294	Monthly	Sampled: 25/7/18 Obtained: 6/8/18 Published: 21/08/2018	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 0.485 2590 0.01 5.37 29800 14.2 0.27 0.01 50.1 0.0001 2.06 6.99 18200 0.1 29.1 14.61	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: 16/7/18 Obtained: 7/8/18 Published: 21/08/2018	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron	0.001 0.046 0.001 0.0007 9680 0.001 0.005 30700 0.024 0.05	mg/L mg/L mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L

			Lead	0.001	mg/L
			Manganese	0.439	mg/L
			Mercury	0.0001	mg/L
			Nickel	0.007	mg/L
			pH	7.57	pH Unit
			Sulfate	2960	mg/L
			Vanadium	0.01	mg/L
			Zinc	0.07	mg/L
			SWL	18.19	m
EPA ID No. 20 - GIP296	Monthly	Sampled: 17/7/18	Arsenic	0.001	mg/L
			Barium	0.012	mg/L
		Obtained: 30/7/18	Beryllium	0.001	mg/L
			Cadmium	0.0001	mg/L
		Published: 21/08/2018	Chloride	1690	mg/L
			Chromium	0.001	mg/L
			Cobalt	0.002	mg/L
			Conductivity (EC)	15100	µS/cm
			Copper	0.015	mg/L
			Iron	0.05	mg/L
			Lead	0.001	mg/L
			Manganese	0.045	mg/L
			Mercury	0.0001	mg/L
			Nickel	0.004	mg/L
			pH	7.56	pH Unit
		Sulfate	5720	mg/L	
		Vanadium	0.01	mg/L	
Zinc	0.023	mg/L			
SWL	10.19	m			
EPA ID No. 21 - GIP297	Monthly	Sampled: 16/7/18	Arsenic	0.006	mg/L
			Barium	0.002	mg/L
		Obtained: 30/7/18	Beryllium	0.001	mg/L
			Cadmium	0.0001	mg/L
		Published: 21/08/2018	Chloride	184	mg/L
			Chromium	0.001	mg/L
			Cobalt	0.001	mg/L
			Conductivity (EC)	1360	µS/cm
			Copper	0.014	mg/L
			Iron	0.13	mg/L
			Lead	0.001	mg/L
			Manganese	0.02	mg/L
			Mercury	0.0001	mg/L
			Nickel	0.001	mg/L
			pH	7.91	pH Unit
		Sulfate	236	mg/L	
		Vanadium	0.01	mg/L	
Zinc	0.022	mg/L			

			SWL	27.05	m
EPA ID No. 22 - GIP298	Monthly	Sampled: 23/7/18	Arsenic	0.01	mg/L
			Barium	0.01	mg/L
		Obtained: 6/8/18	Beryllium	0.01	mg/L
			Cadmium	0.001	mg/L
		Published: 21/08/2018	Chloride	9550	mg/L
			Chromium	0.01	mg/L
			Cobalt	0.01	mg/L
			Conductivity (EC)	31800	µS/cm
			Copper	0.01	mg/L
			Iron	0.12	mg/L
			Lead	0.01	mg/L
			Manganese	0.095	mg/L
			Mercury	0.0001	mg/L
			Nickel	0.01	mg/L
		pH	7.4	pH Unit	
		Sulfate	3070	mg/L	
		Vanadium	0.1	mg/L	
Zinc	0.05	mg/L			
SWL	22.09	m			
EPA ID No. 23 - GIP299	Monthly	Sampled: 23/7/18	Arsenic	0.003	mg/L
			Barium	0.08	mg/L
		Obtained: 6/8/18	Beryllium	0.001	mg/L
			Cadmium	0.0005	mg/L
		Published: 21/08/2018	Chloride	5510	mg/L
			Chromium	0.001	mg/L
			Cobalt	0.156	mg/L
			Conductivity (EC)	25100	µS/cm
			Copper	0.004	mg/L
			Iron	1.19	mg/L
			Lead	0.004	mg/L
			Manganese	33	mg/L
			Mercury	0.0001	mg/L
			Nickel	0.025	mg/L
		pH	7.35	pH Unit	
		Sulfate	7170	mg/L	
		Vanadium	0.01	mg/L	
Zinc	0.029	mg/L			
SWL	30.98	m			
EPA ID No. 24 - GIP300	Monthly	Sampled: 23/7/18	Arsenic	0.01	mg/L
			Barium	0.028	mg/L
		Obtained: 6/8/18	Beryllium	0.01	mg/L
			Cadmium	0.002	mg/L
		Published:	Chloride	9630	mg/L
			Chromium	0.01	mg/L
			Cobalt	0.01	mg/L

		21/08/2018	Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	34900 0.016 0.05 0.01 0.38 0.0001 0.025 7.28 5010 0.1 0.055 20.95	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: 23/7/18 Obtained: 6/8/18 Published: 21/08/2018	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 0.0002 1600 0.001 0.001 9380 0.011 0.05 0.001 0.023 0.0001 0.001 7.83 1660 0.01 0.026 16.11	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: 17/7/18 Obtained: 30/7/18 Published: 21/08/2018	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH	0.01 0.01 0.01 0.0575 8490 0.077 0.687 32000 4.42 0.71 0.01 5.48 0.0001 0.681 7.08	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 pH Unit

			Sulfate	7300	mg/L
			Vanadium	0.1	mg/L
			Zinc	3.73	mg/L
			SWL	18.08	m