



Appendix H
Groundwater Quality Control Assessment

Groundwater Quality Control Data

Location	Inorganic Parameters												Nutrients								Metals																			
	pH (no units)	Conductivity (mS/cm)		Total Dissolved Solids (mg/L)	Suspended Solids (mg/L)	Hydroxide Alkalinity (mg/L)	Carbonate Alkalinity (mg/L)	Bicarbonate Alkalinity (mg/L)	Total Acidity (mg CaCO3/L)	Total Alkalinity (mg CaCO3/L)	Chloride (mg/L)	Sulphate (mg/L)	Sulphur (mg/L)	NOx-N (mg/L)	Total Kjeldahl Nitrogen (mg/L)	Ammonia-N (mg/L)	Total Phosphorous (mg/L)	Reactive Phosphorous (mg/L)	Sulphide (mg/L)	Total Anions meq/L	Total Cations meq/L	Ionic Balance (%)	Aluminium (Total)	Aluminium (Dissolved)	Arsenic (Dissolved) (mg/L)	Calcium (dissolved) (mg/L)	Cadmium (Dissolved) (mg/L)	Chromium (Dissolved) (mg/L)	Copper (Dissolved) (mg/L)	Lead (Dissolved) (mg/L)	Iron (Total)	Iron (Dissolved)	Magnesium (Dissolved) (mg/L)	Mercury (Dissolved) (mg/L)	Mercury (Total) (mg/L)	Manganese (Dissolved)	Nickel (Dissolved) (mg/L)	Potassium (Dissolved) (mg/L)	Sodium (Dissolved) (mg/L)	Selenium (Dissolved)
Well 3	7.38	956	540	64	<1	<1	225	17	225	158	56	18	<0.010	0.2	0.057	0.07	0.038	<0.1	10.1	10.4	1.29	3.91	<0.01	<0.001	68	<0.0001	<0.001	0.001	<0.001	2.49	<0.10	28	<0.0001	<0.0001	0.054	0.003	<1	107	<0.010	<0.005
Dup 1	7.35	936	586	38	<1	<1	226	11	226	156	56	19	<0.010	0.1	0.057	0.07	0.039	<0.1	10.1	10.5	1.78	4.53	<0.01	<0.001	68	<0.0001	<0.001	<0.001	<0.001	2.76	<0.10	28	<0.0001	<0.0001	0.049	0.001	<1	108	<0.010	<0.005
RPD	0%	2%	8%	51%	0%*	0%*	0%	43%	0%	1%	0%	5%	0%*	67%	0%	0%	3%	0%*	0%	1%	32%	15%	0%*	0%*	0%	0%*	0%*	0%*	0%*	10%	0%*	0%	0%*	0%*	10%	100%	0%*	1%	0%*	0%*

Notes:

* Where one value was below detection limits the detection limit was used to determine PRD

1.2 Denotes value exceeds RPD by > 50%

518* Denotes value exceeds RPD by >50% where detection limit was us



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