Depth (m)

	Mar-15	Sep-15	Mar-16	Aug-16	2015-2016 COUNT of samples for period	MIN of samples for period	MAX of samples for period	AVERAGE
Bore Hole 1	15.83	15.54	15.35	15.15	2	15.150	15.350	15.25
Bore Hole 2	0.00	0.00	0.00	0.00	2	0.000	15.570	0.00
Bore Hole 3	15.74	16.03	15.73	15.57	2	15.570	15.730	15.65
Bore Hole 4	14.12	13.64	11	9.84	2	9.840	11.000	10.42
Bore Hole 5	21.44	21.27	20.51	19.97	2	19.970	20.510	20.24
Bore Hole 6	19.39	19.35	19.05	19.2	2	19.050	19.200	19.125
Bore Hole 7	21.67	21.22	21.89	21.65	2	21.650	21.890	21.77
Leachate dam 1 Pt 9	0.00	0.00	0.00	0.00	2	0.000	0.000	0.00
Sed Pond dam 2 Pt 8	0.00	0.00	0.00	0.00	2	0.000	0.000	0.00
ThAtbogang Swamp								

pH

	Mar-15	Sep-15	Mar-16	Aug-16	COUNT	MIN	MAX	AVERAGE
Bore Hole 1	7.29	8.30	7.31	7.50	2	7.310	7.500	7.41
Bore Hole 2	0.00	0.00	0.00	0.00	2	0.000	0.000	0.00
Bore Hole 3	7.24	8.04	7.17	7.28	2	7.170	7.280	7.23
Bore Hole 4	7.31	8.01	7.28	7.44	2	7.280	7.440	7.36
Bore Hole 5	7.14	7.98	7.13	7.50	2	7.130	7.500	7.32
Bore Hole 6	7.28	8.44	7.32	7.88	2	7.320	7.880	7.60
Bore Hole 7	7.32	7.81	7.31	7.38	2	7.310	7.380	7.35
Leachate dam 1 Pt 9	0.00	8.56	0.00	8.35	2	0.000	8.350	4.18
Sed Pond dam 2 Pt 8	8.80	8.13	8.79	7.94	2	7.940	8.790	8.37
Tharbogang Swamp	0.00	8.25	7.94	8.23	2	7.940	8.230	8.09

Alkalinity (mg/L)

	Mar-15	Sep-15	Mar-16	Aug-16	COUNT	MIN	MAX	AVERAGE
Bore Hole 1	771.00	882.00	782.00	863.00	2	782.000	863.000	822.50
Bore Hole 2	0.00	0.00	0.00	0.00	2	0.000	0.000	0.00
Bore Hole 3	314.00	367.00	361.00	424.00	2	361.000	424.000	392.50
Bore Hole 4	1330.00	1170.00	1470.00	1440.00	2	1,440.000	1,470.000	1455.00
Bore Hole 5	875.00	492.00	798.00	546.00	2	546.000	798.000	672.00
Bore Hole 6	813.00	882.00	733.00	936.00	2	733.000	936.000	834.50
Bore Hole 7	783.00	649.00	847.00	853.00	2	847.000	853.000	850.00
Leachate dam 1 Pt 9	0.00	426.00	0.00	861.00	2	0.000	861.000	430.50
Sed Pond dam 2 Pt 8	215.00	168.00	157.00	258.00	2	157.000	258.000	207.50
Tharbogang Swamp	0.00	165.00	158.00	120.00	2	120.000	158.000	139.00

Fluoride (mg/L)

	Mar-15	Sep-15	Mar-16	Aug-16	COUNT	MIN	MAX	AVERAGE
Bore Hole 1	1.20	1.40	1.00	1.10	2	1.000	1.100	1.05
Bore Hole 2	0.00	0.00	0.00	0.00	2	0.000	0.000	0.00
Bore Hole 3	0.90	1.10	0.80	1.20	2	0.800	1.200	1.00
Bore Hole 4	0.70	0.60	0.50	0.60	2	0.500	0.600	0.55
Bore Hole 5	0.80	1.10	0.70	0.80	2	0.700	0.800	0.75
Bore Hole 6	0.90	1.40	0.70	1.20	2	0.700	1.200	0.95
Bore Hole 7	0.80	0.70	0.70	0.60	2	0.600	0.700	0.65
Leachate dam 1 Pt 9	0.00	0.30	0.00	0.20	2	0.000	0.200	0.10
Sed Pond dam 2 Pt 8	1.80	0.50	0.70	0.40	2	0.400	0.700	0.55
Tharbogang Swamp	0.00	0.40	0.30	0.30	2	0.300	0.300	0.30

Chloride (mg/L)

	Mar-15	Sep-15	Mar-16	Aug-16				
Bore Hole 1	1530.00	1500.00	1510.00	1560.00	2	1,510.000	1,560.000	1535.00
Bore Hole 2	0.00	0.00	0.00	0.00	2	0.000	0.000	0.00
Bore Hole 3	386.00	362.00	363.00	392.00	2	363.000	392.000	377.50
Bore Hole 4	4620.00	5160.00	4940.00	3950.00	2	3,950.000	4,940.000	4445.00
Bore Hole 5	1740.00	562.00	1400.00	105.00	2	105.000	1,400.000	752.50
Bore Hole 6	1420.00	1580.00	1440.00	1570.00	2	1,440.000	1,570.000	1505.00
Bore Hole 7	1330.00	1290.00	1300.00	1530.00	2	1,300.000	1,530.000	1415.00
Leachate dam 1 Pt 9	0.00	980.00	0.00	3930.00	2	0.000	3,930.000	1965.00
Sed Pond dam 2 Pt 8	36.00	70.00	107.00	125.00	2	107.000	125.000	116.00
Tharbogang Swamp	0.00	3420.00	15800.00	2900.00	2	2,900.000	15,800.000	9350.00

Sulphate (mg/L) SO4

	Mar-15	Sep-15	Mar-16	Aug-16				
Bore Hole 1	477.00	492.00	447.00	499.00	2	447.000	499.000	473.00
Bore Hole 2	0.00	0.00	0.00	0.00	2	0.000	0.000	0.00
Bore Hole 3	30.00	31.00	26.00	16.00	2	16.000	26.000	21.00
Bore Hole 4	685.00	744.00	595.00	476.00	2	476.000	595.000	535.50
Bore Hole 5	185.00	102.00	164.00	90.00	2	90.000	164.000	127.00
Bore Hole 6	266.00	297.00	282.00	225.00	2	225.000	282.000	253.50
Bore Hole 7	302.00	291.00	239.00	309.00	2	239.000	309.000	274.00
Leachate dam 1 Pt 9	0.00	180.00	0.00	847.00	2	0.000	847.000	423.50
Sed Pond dam 2 Pt 8	302.00	38.00	35.00	41.00	2	35.000	41.000	38.00
Tharbogang Swamp	0.00	1140.00	109.00	1050.00	2	109.000	1,050.000	579.50

Sp.Conductance (uS/cm)

	Mar-15	Sep-15	Mar-16	Aug-16				
Bore Hole 1	6540.00	7520.00	6890.00	7470.00	2	6,890.000	7,470.000	7180.00
Bore Hole 2	0.00	0.00	0.00	0.00	2	0.000	0.000	0.00
Bore Hole 3	1620.00	1890.00	1780.00	1760.00	2	1,760.000	1,780.000	1770.00
Bore Hole 4	15600.00	17700.00	16700.00	13100.00	2	13,100.000	16,700.000	14900.00
Bore Hole 5	6820.00	2920.00	6020.00	1540.00	2	1,540.000	6,020.000	3780.00
Bore Hole 6	7170.00	7340.00	6840.00	7040.00	2	6,840.000	7,040.000	6940.00
Bore Hole 7	7700.00	7760.00	6860.00	8780.00	2	6,860.000	8,780.000	7820.00
Leachate dam 1 Pt 9	0.00	4740.00	0.00	13600.00	2	0.000	13,600.000	6800.00
Sed Pond dam 2 Pt 8	555.00	587.00	705.00	875.00	2	705.000	875.000	790.00
Tharbogang Swamp	0.00	11800.00	798.00	9640.00	2	798.000	9,640.000	5219.00

Suspended.Solid (mg/L)

	Mar-15	Sep-15	Mar-16	Aug-16				
Bore Hole 1	24.00	31.00	60.00	23.00	2	23.000	60.000	41.50
Bore Hole 2	0.00	0.00	0.00	0.00	2	0.000	0.000	0.00
Bore Hole 3	114.00	239.00	686.00	60.00	2	60.000	686.000	373.00
Bore Hole 4	120.00	136.00	32.00	36.00	2	32.000	36.000	34.00
Bore Hole 5	61.00	60.00	51.00	6.00	2	6.000	51.000	28.50
Bore Hole 6	61.00	1310.00	94.00	543.00	2	94.000	543.000	318.50
Bore Hole 7	81.00	344.00	132.00	45.00	2	45.000	132.000	88.50
Leachate dam 1 Pt 9	0.00	<5	0.00	<5	2	0.000	0.000	0.00
Sed Pond dam 2 Pt 8	76.00	19.00	27.00	40.00	2	27.000	40.000	33.50
Tharbogang Swamp	-	<5	72.0	32.0	2	32.000	72.000	52.00

Dissolved Calcium (mg/L)

	Mar-15	Sep-15	Mar-16	Aug-16				
Bore Hole 1	30.00	36.00	42.00	36.00	2	36.000	42.000	39.00
Bore Hole 2	0.00	0.00	0.00	0.00	2	0.000	0.000	0.00
Bore Hole 3	5.00	8.00	8.00	9.00	2	8.000	9.000	8.50
Bore Hole 4	142.00	158.00	108.00	88.00	2	88.000	108.000	98.00
Bore Hole 5	98.00	78.00	113.00	114.00	2	113.000	114.000	113.50
Bore Hole 6	156.00	43.00	200.00	44.00	2	44.000	200.000	122.00
Bore Hole 7	206.00	200.00	172.00	254.00	2	172.000	254.000	213.00
Leachate dam 1 Pt 9	0.00	55.00	0.00	83.00	2	0.000	83.000	41.50
Sed Pond dam 2 Pt 8	16.00	24.00	16.00	39.00	2	16.000	39.000	27.50
Tharbogang Swamp	0.00	307.00	1550.00	312.00	2	312.000	1,550.000	931.00

Dissolved Magnesium (mg/L)

	Mar-15	Sep-15	Mar-16	Aug-16				
Bore Hole 1	157.00	168.00	187.00	194.00	2	187.000	194.000	190.50
Bore Hole 2	0.00	0.00	0.00	0.00	2	0.000	0.000	0.00
Bore Hole 3	11.00	15.00	16.00	18.00	2	16.000	18.000	17.00
Bore Hole 4	261.00	276.00	237.00	190.00	2	190.000	237.000	213.50
Bore Hole 5	201.00	94.00	187.00	74.00	2	74.000	187.000	130.50
Bore Hole 6	223.00	100.00	238.00	105.00	2	105.000	238.000	171.50
Bore Hole 7	281.00	265.00	233.00	391.00	2	233.000	391.000	312.00
Leachate dam 1 Pt 9	0.00	88.00	0.00	296.00	2	0.000	296.000	148.00
Sed Pond dam 2 Pt 8	8.00	12.00	16.00	24.00	2	16.000	24.000	20.00
Tharbogang Swamp	0.00	207.00	1550.00	210.00	2	210.000	1,550.000	880.00

Dissolved Potassium (mg/L)

	Mar-15	Sep-15	Mar-16	Aug-16				
Bore Hole 1	63.00	65.00	69.00	63.00	2	63.000	69.000	66.00
Bore Hole 2	0.00	0.00	0.00	0.00	2	0.000	0.000	0.00
Bore Hole 3	6.00	9.00	12.00	9.00	2	9.000	12.000	10.50
Bore Hole 4	126.00	132.00	174.00	128.00	2	128.000	174.000	151.00
Bore Hole 5	66.00	36.00	63.00	18.00	2	18.000	63.000	40.50
Bore Hole 6	75.00	62.00	86.00	56.00	2	56.000	86.000	71.00
Bore Hole 7	86.00	84.00	77.00	109.00	2	77.000	109.000	93.00
Leachate dam 1 Pt 9	0.00	205.00	0.00	409.00	2	0.000	409.000	204.50
Sed Pond dam 2 Pt 8	7.00	13.00	19.00	24.00	2	19.000	24.000	21.50
Tharbogang Swamp	0.00	36.00	178.00	30.00	2	30.000	178.000	104.00

Dissolved Sodium (mg/L)

	Mar-15	Sep-15	Mar-16	Aug-16				
Bore Hole 1	1140.00	1200.00	1270.00	1430.00	2	1,270.000	1,430.000	1350.00
Bore Hole 2	0.00	0.00	0.00	0.00	2	0.000	0.000	0.00
Bore Hole 3	342.00	332.00	368.00	400.00	2	368.000	400.000	384.00
Bore Hole 4	3020.00	3120.00	3560.00	3110.00	2	3,110.000	3,560.000	3335.00
Bore Hole 5	1090.00	326.00	919.00	128.00	2	128.000	919.000	523.50
Bore Hole 6	933.00	1300.00	996.00	1420.00	2	996.000	1,420.000	1208.00
Bore Hole 7	928.00	948.00	854.00	1160.00	2	854.000	1,160.000	1007.00
Leachate dam 1 Pt 9	0.00	569.00	0.00	2710.00	2	0.000	2,710.000	1355.00
Sed Pond dam 2 Pt 8	89.00	52.00	99.00	93.00	2	93.000	99.000	96.00
Tharbogang Swamp	0.00	1760.00	10100.00	1740.00	2	1,740.000	10,100.000	5920.00

Total Org Carbon-filt (mg/L)

	Mar-15	Sep-15	Mar-16	Aug-16				
Bore Hole 1	6.00	7.00	<10	14.00	2	14.000	14.000	14.00
Bore Hole 2	0.00	0.00	0.00	0.00	2	0.000	0.000	0.00
Bore Hole 3	2.00	2.00	<1.0	<1.0	2	0.000	0.000	<1.0
Bore Hole 4	10.00	11.00	12.00	<1.0	2	12.000	12.000	12.00
Bore Hole 5	31.00	27.00	2.00	12.00	2	2.000	12.000	7.00
Bore Hole 6	14.00	11.00	14.00	16.00	2	14.000	16.000	15.00
Bore Hole 7	7.00	8.00	<10	5.00	2	5.000	5.000	5.00
Leachate dam 1 Pt 9	0.00	52.00	0.00	114.00	2	0.000	114.000	57.00
Sed Pond dam 2 Pt 8	19.00	18.00	16.00	29.00	2	16.000	29.000	22.50
Tharbogang Swamp	0.00	27.00	174.00	16.00	2	16.000	174.000	95.00

Total Phenol (mg/L)

	Mar-15	Sep-15	Mar-16	Aug-16				
Bore Hole 1	<1.0	<1.0	<1.0	<1.0	2	<1.0	<1.0	<1.0
Bore Hole 2	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00
Bore Hole 3	<1.0	<1.0	<1.0	<1.0	2	<1.0	<1.0	<1.0
Bore Hole 4	<1.0	<1.0	<1.0	<1.0	2	<1.0	<1.0	<1.0
Bore Hole 5	<1.0	<1.0	<1.0	<1.0	2	<1.0	<1.0	<1.0
Bore Hole 6	<1.0	<1.0	<1.0	<1.0	2	<1.0	<1.0	<1.0
Bore Hole 7	<1.0	<1.0	<1.0	<1.0	2	<1.0	<1.0	<1.0
Leachate dam 1 Pt 9	0.00	<1.0	0.00	0.00	2	0.00	<1.0	<1.0
Sed Pond dam 2 Pt 8	<1.0	<1.0	<1.0	<1.0	2	<1.0	<1.0	<1.0
Tharbogang Swamp	0.00	<1.0	<1.0	<1.0	2	0.00	<1.0	<1.0

Dissolved Iron (mg/L)

	Mar-15	Sep-15	Mar-16	Aug-16				
Bore Hole 1	0.08	1.12	0.3	0.51	2	0.300	0.510	0.41
Bore Hole 2	0.00	0	0	0	2	0.000	0.000	0.00
Bore Hole 3	0.35	7.76	0.73	3.79	2	0.730	3.790	2.26
Bore Hole 4	0.50	2.43	0.2	0.21	2	0.200	0.210	0.21
Bore Hole 5	4.14	1.7	0.68	0.42	2	0.420	0.680	0.55
Bore Hole 6	15.50	22.7	0.44	8.41	2	0.440	8.410	4.43
Bore Hole 7	0.39	8.63	0.7	2.21	2	0.700	2.210	1.46
Leachate dam 1 Pt 9	0.00	0.76	0.00	0.06	2	0.000	0.060	0.03
Sed Pond dam 2 Pt 8	1.02	1.68	0.7	0.48	2	0.480	0.700	0.59
Tharbogang Swamp	0.00	0.32	0.3	0.39	2	0.300	0.390	0.35

Dissolved Manganese (mg/L)

	Mar-15	Sep-15	Mar-16	Aug-16				
Bore Hole 1	0.002	0.013	0.008	0.012	2	0.008	0.012	0.010
Bore Hole 2	0.00	0.00	0.00	0.00	2	0.000	0.000	0.000
Bore Hole 3	0.008	0.130	0.108	0.152	2	0.108	0.152	0.130
Bore Hole 4	0.029	0.038	0.089	0.025	2	0.025	0.089	0.057
Bore Hole 5	0.194	0.217	0.344	0.108	2	0.108	0.344	0.226
Bore Hole 6	0.123	0.155	0.084	0.076	2	0.076	0.084	0.080
Bore Hole 7	0.107	0.155	0.088	0.088	2	0.088	0.088	0.088
Leachate dam 1 Pt 9	0.000	0.013	0.000	0.032	2	0.000	0.032	0.016
Sed Pond dam 2 Pt 8	0.041	0.015	0.037	0.275	2	0.037	0.275	0.156
Tharbogang Swamp	0.000	0.028	0.793	0.067	2	0.067	0.793	0.430

Ammonia (as N) (mg/L) N

	Mar-15	Sep-15	Mar-16	Aug-16				
Bore Hole 1	0.03	0.04	0.04	0.09	2.000	0.040	0.090	0.065
Bore Hole 2	0.00	0.00	0.00	0.00	2.000	0.000	0.000	0.000
Bore Hole 3	0.03	0.09	1.80	1.72	2.000	1.720	1.800	1.760
Bore Hole 4	0.28	0.78	0.03	<.01	2.000	0.030	0.030	0.030
Bore Hole 5	0.59	0.49	0.42	<.01	2.000	0.420	0.420	0.420
Bore Hole 6	11.60	0.46	6.01	4.05	2.000	4.050	6.010	5.030
Bore Hole 7	3.25	1.99	1.30	0.41	2.000	0.410	1.300	0.855
Leachate dam 1 Pt 9	0.00	8.06	0.00	21.50	2.000	0.000	21.500	10.750
Sed Pond dam 2 Pt 8	0.00	0.38	0.04	4.68	2.000	0.040	4.680	2.360
Tharbogang Swamp	0.00	0.41	0.43	0.10	2.000	0.100	0.430	0.265

Total Oxidised Nitrogen (as N) (mg/L)

	Mar-15	Sep-15	Mar-16	Aug-16				
Bore Hole 1	6.30	8.29	7.69	9.19	2	7.690	9.190	8.44
Bore Hole 2	0.00	0.00	0.00	0.00	2	0.000	0.000	0.00
Bore Hole 3	1.14	0.75	0.49	0.01	2	0.010	0.490	0.25
Bore Hole 4	0.68	0.56	0.59	0.56	2	0.560	0.590	0.58
Bore Hole 5	0.36	0.12	0.70	0.60	2	0.600	0.700	0.65
Bore Hole 6	0.49	1.17	0.19	0.05	2	0.050	0.190	0.12
Bore Hole 7	246.00	192.00	150.00	303.00	2	150.000	303.000	226.50
Leachate dam 1 Pt 9	0.00	15.40	0.00	126.00	2	0.000	126.000	63.00
Sed Pond dam 2 Pt 8	0.18	4.24	0.02	0.17	2	0.020	0.170	0.10
Tharbogang Swamp	0.00	0.01	0.00	1.98	2	0.000	1.980	0.99

Volatile Organics (ug/L)

	Mar-15	Sep-15	Mar-16	Aug-16				
Bore Hole 1	<50	<50	<50	<50	0	<50	<50	<50
Bore Hole 2	0.00	0.00	0.00	0.00	2			
Bore Hole 3	<50	<50	<50	<50	0	<50	<50	<50
Bore Hole 4	<50	<50	<50	<50	0	<50	<50	<50
Bore Hole 5	<50	<50	<50	<50	0	<50	<50	<50
Bore Hole 6	<50	<50	<50	<50	0	<50	<50	<50
Bore Hole 7	<50	<50	<50	<50	0	<50	<50	<50
Leachate dam 1 Pt 9	0	0	0	<50	0	<50	<50	<50
Sed Pond dam 2 Pt 8	<50	<50	<50	<50	0	<50	<50	<50
Tharbogang Swamp	0	0	0	<50	0	<50	<50	<50