Tharbogang Borehole Test Results 2014-15

Depth (m)

	Test Results		2014/2015				
	Mar-15	Sep-15	COUNT of samples for period	MIN of samples for period	MAX of samples for period	AVERAGE	Publication Date
Bore Hole 1	15.83	15.54	2	15.54	15.83	15.685	10/09/2015
Bore Hole 2	0.00	0.00	2	0	0	0	10/09/2015
Bore Hole 3	15.74	16.03	2	15.74	16.03	15.885	10/09/2015
Bore Hole 4	14.12	13.64	2	13.64	14.12	13.88	10/09/2015
Bore Hole 5	21.44	21.27	2	21.27	21.44	21.355	10/09/2015
Bore Hole 6	19.39	19.35	2	19.35	19.39	19.37	10/09/2015
Bore Hole 7	21.67	21.22	2	21.22	21.67	21.445	10/09/2015
Leachate dam 1 Pt 9	0.00	0.00	2	0	0	0	10/09/2015
Sed Pond dam 2 Pt 8	0.00	0.00	2	0	0	0	10/09/2015

pH

	Test Results						
	Mar-15	Sep-15					
Bore Hole 1	7.29	8.30	2	7.29	8.3	7.795	10/09/2015
Bore Hole 2	0.00	0.00	2	0	0	0	10/09/2015
Bore Hole 3	7.24	8.04	2	7.24	8.04	7.64	10/09/2015
Bore Hole 4	7.31	8.01	2	7.31	8.01	7.66	10/09/2015
Bore Hole 5	7.14	7.98	2	7.14	7.98	7.56	10/09/2015
Bore Hole 6	7.28	8.44	2	7.28	8.44	7.86	10/09/2015
Bore Hole 7	7.32	7.81	2	7.32	7.81	7.565	10/09/2015
Leachate dam 1 Pt 9	0.00	8.56	2	0	8.56	4.28	10/09/2015
Sed Pond dam 2 Pt 8	8.80	8.13	2	8.13	8.8	8.465	10/09/2015

Alkalinity (mg/L)

	Test Results						
	Mar-15	Sep-15					
Bore Hole 1	771.00	882.00	2	771	882	882	10/09/2015
Bore Hole 2	0.00	0.00	2	0	0	0	10/09/2015
Bore Hole 3	314.00	367.00	2	314	367	367	10/09/2015
Bore Hole 4	1330.00	1170.00	2	1170	1330	1330	10/09/2015
Bore Hole 5	875.00	492.00	2	492	875	875	10/09/2015
Bore Hole 6	813.00	882.00	2	813	882	882	10/09/2015
Bore Hole 7	783.00	649.00	2	649	783	783	10/09/2015
Leachate dam 1 Pt 9	0.00	426.00	2	0	426	426	10/09/2015
Sed Pond dam 2 Pt 8	215.00	168.00	2	168	215	215	10/09/2015

Fluoride (mg/L)

	Test Results						
	Mar-15	Sep-15					
Bore Hole 1	1.20	1.40	2	1.2	1.4	1.4	10/09/2015
Bore Hole 2	0.00	0.00	2	0	0	0	10/09/2015
Bore Hole 3	0.90	1.10	2	0.9	1.1	1.1	10/09/2015
Bore Hole 4	0.70	0.60	2	0.6	0.7	0.7	10/09/2015
Bore Hole 5	0.80	1.10	2	0.8	1.1	1.1	10/09/2015
Bore Hole 6	0.90	1.40	2	0.9	1.4	1.4	10/09/2015
Bore Hole 7	0.80	0.70	2	0.7	0.8	0.8	10/09/2015
Leachate dam 1 Pt 9	0.00	0.30	2	0	0.3	0.3	10/09/2015
Sed Pond dam 2 Pt 8	1.80	0.50	2	0.5	1.8	1.8	10/09/2015

Chloride (mg/L)

	Test Results						
	Mar-15	Sep-15					
Bore Hole 1	1530.00	1500.00	2	1500	1530	1530	10/09/2015
Bore Hole 2	0.00	0.00	2	0	0	0	10/09/2015
Bore Hole 3	386.00	362.00	2	362	386	386	10/09/2015
Bore Hole 4	4620.00	5160.00	2	4620	5160	5160	10/09/2015
Bore Hole 5	1740.00	562.00	2	562	1740	1740	10/09/2015
Bore Hole 6	1420.00	1580.00	2	1420	1580	1580	10/09/2015
Bore Hole 7	1330.00	1290.00	2	1290	1330	1330	10/09/2015
Leachate dam 1 Pt 9	0.00	980.00	2	0	980	980	10/09/2015
Sed Pond dam 2 Pt 8	36.00	70.00	2	36	70	70	10/09/2015

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Sulphate (mg/L) SO4

	Test Results						
	Mar-15	Sep-15					
Bore Hole 1	477.00	492.00	2	477	492	492	10/09/2015
Bore Hole 2	0.00	0.00	2	0	0	0	10/09/2015
Bore Hole 3	30.00	31.00	2	30	31	31	10/09/2015
Bore Hole 4	685.00	744.00	2	685	744	744	10/09/2015
Bore Hole 5	185.00	102.00	2	102	185	185	10/09/2015
Bore Hole 6	266.00	297.00	2	266	297	297	10/09/2015
Bore Hole 7	302.00	291.00	2	291	302	302	10/09/2015
Leachate dam 1 Pt 9	0.00	180.00	2	0	180	180	10/09/2015
Sed Pond dam 2 Pt 8	302.00	38.00	2	38	302	302	10/09/2015

Sp.Conductance (uS/cm)

	Test Results						
	Mar-15	Sep-15					
Bore Hole 1	6540.00	7520.00	2	6540	7520	7520	10/09/2015
Bore Hole 2	0.00	0.00	2	0	0	0	10/09/2015
Bore Hole 3	1620.00	1890.00	2	1620	1890	1890	10/09/2015
Bore Hole 4	15600.00	17700.00	2	15600	17700	17700	10/09/2015
Bore Hole 5	6820.00	2920.00	2	2920	6820	6820	10/09/2015
Bore Hole 6	7170.00	7340.00	2	7170	7340	7340	10/09/2015
Bore Hole 7	7700.00	7760.00	2	7700	7760	7760	10/09/2015
Leachate dam 1 Pt 9	0.00	4740.00	2	0	4740	4740	10/09/2015
Sed Pond dam 2 Pt 8	555.00	587.00	2	555	587	587	10/09/2015

Suspended.Solid (mg/L)

	Test Results						
	Mar-15	Sep-15					
Bore Hole 1	24.00	31.00	2	24	31	27.5	10/09/2015
Bore Hole 2	0.00	0.00	2	0	0	0	10/09/2015
Bore Hole 3	114.00	239.00	2	114	239	176.5	10/09/2015
Bore Hole 4	120.00	136.00	2	120	136	128	10/09/2015
Bore Hole 5	61.00	60.00	2	60	61	60.5	10/09/2015
Bore Hole 6	61.00	1310.00	2	61	1310	685.5	10/09/2015
Bore Hole 7	81.00	344.00	2	81	344	212.5	10/09/2015
Leachate dam 1 Pt 9	0.00	<5	2	0	0	0	10/09/2015
Sed Pond dam 2 Pt 8	76.00	19.00	2	19	76	47.5	10/09/2015

Total Org Carbon-filt (mg/L)

	Test Results						
	Mar-15	Sep-15					
Bore Hole 1	6.00	7.00	2	6	7	6.5	10/09/2015
Bore Hole 2	0.00	0.00	2	0	0	0	10/09/2015
Bore Hole 3	2.00	2.00	2	2	2	2	10/09/2015
Bore Hole 4	10.00	11.00	2	10	11	10.5	10/09/2015
Bore Hole 5	31.00	27.00	2	27	31	29	10/09/2015
Bore Hole 6	14.00	11.00	2	11	14	12.5	10/09/2015
Bore Hole 7	7.00	8.00	2	7	8	7.5	10/09/2015
Leachate dam 1 Pt 9	0.00	52.00	2	0	52	26	10/09/2015
Sed Pond dam 2 Pt 8	19.00	18.00	2	18	19	18.5	10/09/2015

Total Phenol (mg/L)

	Test Results						
	Mar-15	Sep-15					
Bore Hole 1	<1.0	<1.0	2	<1.0	<1.0	<1.0	10/09/2015
Bore Hole 2	0.00	0.00	2	0	0	0	10/09/2015
Bore Hole 3	<1.0	<1.0	2	<1.0	<1.0	<1.0	10/09/2015
Bore Hole 4	<1.0	<1.0	2	<1.0	<1.0	<1.0	10/09/2015
Bore Hole 5	<1.0	<1.0	2	<1.0	<1.0	<1.0	10/09/2015
Bore Hole 6	<1.0	<1.0	2	<1.0	<1.0	<1.0	10/09/2015
Bore Hole 7	<1.0	<1.0	2	<1.0	<1.0	<1.0	10/09/2015
Leachate dam 1 Pt 9	0.00	<1.0	2	<1.0	<1.0	<1.0	10/09/2015
Sed Pond dam 2 Pt 8	<1.0	<1.0	2	<1.0	<1.0	<1.0	10/09/2015

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Dissolved Iron (mg/L)

	Test Results						
	Mar-15	Sep-15					
Bore Hole 1	0.08	1.12	2	0.08	1.12	0.6	10/09/2015
Bore Hole 2	0.00	0.00	2	0	0.00	0	10/09/2015
Bore Hole 3	0.35	7.76	2	0.35	7.76	4.055	10/09/2015
Bore Hole 4	0.50	2.43	2	0.5	2.43	1.465	10/09/2015
Bore Hole 5	4.14	1.70	2	1.7	4.14	2.92	10/09/2015
Bore Hole 6	15.50	22.70	2	15.5	22.70	19.1	10/09/2015
Bore Hole 7	0.39	8.63	2	0.39	8.63	4.51	10/09/2015
Leachate dam 1 Pt 9	0.00	0.76	2	0	0.76	0.38	10/09/2015
Sed Pond dam 2 Pt 8	1.02	1.68	2	1.02	1.68	1.35	10/09/2015

Dissolved Manganese (mg/L)

	Test Results						
	Mar-15	Sep-15					
Bore Hole 1	0.002	0.013	2	0.002	0.013	0.0075	10/09/2015
Bore Hole 2	0.00	0.00	2	0	0	0	10/09/2015
Bore Hole 3	0.008	0.13	2	0.008	0.13	0.069	10/09/2015
Bore Hole 4	0.029	0.038	2	0.029	0.038	0.0335	10/09/2015
Bore Hole 5	0.194	0.217	2	0.194	0.217	0.2055	10/09/2015
Bore Hole 6	0.123	0.155	2	0.123	0.155	0.139	10/09/2015
Bore Hole 7	0.107	0.155	2	0.107	0.155	0.131	10/09/2015
Leachate dam 1 Pt 9	0	0.013	2	0	0.013	0.0065	10/09/2015
Sed Pond dam 2 Pt 8	0.041	0.015	2	0.015	0.041	0.028	10/09/2015

Dissolved Calcium (mg/L)

	Test Results						
	Mar-15	Sep-15					
Bore Hole 1	30.00	36.00	2	30	36	33.00	10/09/2015
Bore Hole 2	0.00	0.00	2	0	0	0.00	10/09/2015
Bore Hole 3	5.00	8.00	2	5	8	6.50	10/09/2015
Bore Hole 4	142.00	158.00	2	142	158	150.00	10/09/2015
Bore Hole 5	98.00	78.00	2	78	98	88.00	10/09/2015
Bore Hole 6	156.00	43.00	2	43	156	99.50	10/09/2015
Bore Hole 7	206.00	200.00	2	200	206	203.00	10/09/2015
Leachate dam 1 Pt 9	0.00	55.00	2	0	55	27.50	10/09/2015
Sed Pond dam 2 Pt 8	16.00	24.00	2	16	24	20.00	10/09/2015

Dissolved Magnesium (mg/L)

	Test Results						
	Mar-15	Sep-15					
Bore Hole 1	157.00	168.00	2	157	168	162.5	10/09/2015
Bore Hole 2	0	0	2	0	0	0	10/09/2015
Bore Hole 3	11	10	2	11	15	13	10/09/2015
Bore Hole 4	232	262	2	261	276	268.5	10/09/2015
Bore Hole 5	87	162	2	94	201	147.5	10/09/2015
Bore Hole 6	98	357	2	100	223	161.5	10/09/2015
Bore Hole 7	908	748	2	265	281	273	10/09/2015
Leachate dam 1 Pt 9	152	208	2	0	88	44	10/09/2015
Sed Pond dam 2 Pt 8	7	9	2	8	12	10	10/09/2015

Dissolved Potassium (mg/L)

	Test Results						
	Mar-15	Sep-15					
Bore Hole 1	63.00	65.00	2	63	65	64	10/09/2015
Bore Hole 2	0.00	0.00	2	0	0	0	10/09/2015
Bore Hole 3	6.00	9.00	2	6	9	7.5	10/09/2015
Bore Hole 4	126.00	132.00	2	126	132	129	10/09/2015
Bore Hole 5	66.00	36.00	2	36	66	51	10/09/2015
Bore Hole 6	75.00	62.00	2	62	75	68.5	10/09/2015
Bore Hole 7	86.00	84.00	2	84	86	85	10/09/2015
Leachate dam 1 Pt 9	0.00	205.00	2	0	205	102.5	10/09/2015
Sed Pond dam 2 Pt 8	7.00	13.00	2	7	13	10	10/09/2015

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Dissolved Sodium (mg/L)	Test Results						
	Mar-15	Sep-15					
Bore Hole 1	1140.00	1200.00	2	1140	1200	1170	10/09/2015
Bore Hole 2	0.00	0.00	2	0	0	0	10/09/2015
Bore Hole 3	342.00	332.00	2	332	342	337	10/09/2015
Bore Hole 4	3020.00	3120.00	2	3020	3120	3070	10/09/2015
Bore Hole 5	1090.00	326.00	2	326	1090	708	10/09/2015
Bore Hole 6	933.00	1300.00	2	933	1300	1116.5	10/09/2015
Bore Hole 7	928.00	948.00	2	928	948	938	10/09/2015
Leachate dam 1 Pt 9	0.00	569.00	2	0	569	284.5	10/09/2015
Sed Pond dam 2 Pt 8	89.00	52.00	2	52	89	70.5	10/09/2015

Ammonia (as N) (mg/L) N	Test Results						
	Mar-15	Sep-15					
Bore Hole 1	0.03	0.04	2	0.03	0.04	0.035	10/09/2015
Bore Hole 2	0.00	0.00	2	0	0	0	10/09/2015
Bore Hole 3	0.03	0.09	2	0.03	0.09	0.06	10/09/2015
Bore Hole 4	0.28	0.78	2	0.28	0.78	0.53	10/09/2015
Bore Hole 5	0.59	0.49	2	0.49	0.59	0.54	10/09/2015
Bore Hole 6	11.60	0.46	2	0.46	11.6	6.03	10/09/2015
Bore Hole 7	3.25	1.99	2	1.99	3.25	2.62	10/09/2015
Leachate dam 1 Pt 9	0.00	8.06	2	0	8.06	4.03	10/09/2015
Sed Pond dam 2 Pt 8	0.00	0.38	2	0	0.38	0.19	10/09/2015

Total Oxidised Nitrogen (as N) (mg/L)	Test Results						
	Mar-15	Sep-15					
Bore Hole 1	6.30	8.29	2	6.3	8.29	7.295	10/09/2015
Bore Hole 2	0.00	0.00	2	0	0	0	10/09/2015
Bore Hole 3	1.14	0.75	2	0.75	1.14	0.945	10/09/2015
Bore Hole 4	0.68	0.56	2	0.56	0.68	0.62	10/09/2015
Bore Hole 5	0.36	0.12	2	0.12	0.36	0.24	10/09/2015
Bore Hole 6	0.49	1.17	2	0.49	1.17	0.83	10/09/2015
Bore Hole 7	246.00	192.00	2	192	246	219	10/09/2015
Leachate dam 1 Pt 9	0.00	15.40	2	0	15.4	7.7	10/09/2015
Sed Pond dam 2 Pt 8	0.18	4.24	2	0.18	4.24	2.21	10/09/2015

Volatile Organics (ug/L)	Test Results						
	Mar-15	Sep-15					
Bore Hole 1	<50	<50	2	<50	<50	<50	10/09/2015
Bore Hole 2	0	0	2				10/09/2015
Bore Hole 3	<50	<50	2	<50	<50	<50	10/09/2015
Bore Hole 4	<50	<50	2	<50	<50	<50	10/09/2015
Bore Hole 5	<50	<50	2	<50	<50	<50	10/09/2015
Bore Hole 6	<50	<50	2	<50	<50	<50	10/09/2015
Bore Hole 7	<50	<50	2	<50	<50	<50	10/09/2015
Leachate dam 1 Pt 9	<50	<50	2	<50	<50	<50	10/09/2015
Sed Pond dam 2 Pt 8	<50	<50	2	<50	<50	<50	10/09/2015