

GARROW LAKE - STATION 262 - 3A (NEAR OUTLET) - TOTAL METALS ANALYSIS
MAXIMUM ICE THICKNESS SAMPLING EVENT - MAY 3, 2004

Sample ID	Total Metals Concentrations (mg/L)												
	Antimony	Arsenic	Cadmium	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Uranium	Zinc
GL South- 3m	<0.00020	<0.00020	0.000598	0.000066	0.00108	<0.010	0.000571	0.00965	<0.000010	<0.0050	0.00379	<0.010	0.232
GL South- 4m	<0.00020	<0.00020	0.000615	0.000112	0.000963	<0.010	0.000322	0.00994	-	<0.0050	0.00375	<0.010	0.23
GL South- 5m	<0.00020	<0.00020	0.000636	0.000076	0.00105	0.011	0.000517	0.0103	-	<0.0050	0.00404	<0.010	0.25
GL South- 6m	<0.00020	<0.00020	0.000628	0.000137	0.00104	<0.010	0.000226	0.00971	-	<0.0050	0.00398	<0.010	0.24
GL South- 7m	<0.00020	<0.00020	0.000668	0.000081	0.00127	0.025	0.00289	0.0106	-	<0.0050	0.00409	<0.010	0.252
GL South- 8m	<0.00020	0.00027	0.000628	0.000123	0.00125	0.012	0.000423	0.00983	-	<0.0050	0.00397	<0.010	0.228
GL South- 9m	<0.00020	<0.00020	0.00256	0.000151	0.00231	<0.010	0.000956	0.0238	-	<0.0050	0.00761	<0.010	0.916
GL South- 10m	0.0007	0.00034	0.000983	0.00076	0.00272	0.011	0.00288	0.114	<0.000010	<0.0050	0.00789	<0.010	0.496
GL South- 11m	0.00092	0.00046	0.000246	0.000887	0.00171	0.17	0.0034	0.103	-	<0.0050	0.00858	<0.010	0.3
GL South- 12m	0.00088	0.00035	0.000171	0.00079	0.00213	0.179	0.00384	0.0977	-	<0.0050	0.00894	<0.010	0.283
GL South- 13m	0.00095	0.00035	0.000205	0.000682	0.00255	0.153	0.00627	0.0905	-	0.0058	0.00867	<0.010	0.25
GL South- 14m	0.00081	0.00044	0.000114	0.000485	0.0019	0.198	0.0041	0.0811	-	<0.0050	0.00842	<0.010	0.203
GL South- 15m	0.00067	0.00052	0.000083	0.000402	0.00127	0.245	0.0021	0.0832	-	0.0056	0.00886	<0.010	0.211
GL South- 16m	0.0006	0.00047	0.000083	0.000369	0.00112	0.228	0.00272	0.0785	-	0.005	0.00821	<0.010	0.193
GL South- 17m	0.00074	0.00028	0.000067	0.000423	0.0011	0.214	0.00192	0.0792	-	0.0058	0.00816	<0.010	0.198
GL South- 18m	0.00072	0.00047	0.000074	0.000395	0.00105	0.207	0.00233	0.0845	-	<0.0050	0.00854	<0.010	0.198
GL South- 19m	0.00064	0.0004	0.000071	0.000395	0.00118	0.239	0.00201	0.0832	-	<0.0050	0.00903	<0.010	0.201
GL South- 20m	0.00072	0.00051	0.000074	0.000442	0.00119	0.241	0.00193	0.0834	-	<0.0050	0.00891	<0.010	0.206

Footnotes: Results are expressed as milligrams per litre except where noted.

< = Less than the detection limit indicated.

Due to ice can not sample the top two metres

GARROW LAKE - STATION 262 - 3A (NEAR OUTLET) - TOTAL METALS ANALYSIS

MINIMUM ICE THICKNESS SAMPLING EVENT - 2004

NOT ABLE TO DO AS ICE DID NOT LEAVE LAKE, COULD NOT SAFELY ACCESS SAMPLING LOCATION

Sample ID	Total Metals Concentrations (mg/L)												
	Antimony	Arsenic	Cadmium	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Uranium	Zinc
GL South- 3m													
GL South- 4m													
GL South- 5m													
GL South- 6m													
GL South- 7m													
GL South- 8m													
GL South- 9m													
GL South- 10m													
GL South- 11m													
GL South- 12m													
GL South- 13m													
GL South- 14m													
GL South- 15m													
GL South- 16m													
GL South- 17m													
GL South- 18m													
GL South- 19m													
GL South- 20m													
GL South- 22m													
GL South- 30m													
GL South- 40m													

Footnotes: Results are expressed as milligrams per litre except where noted.
 < = Less than the detection limit indicated.

GARROW LAKE - STATION 262-3A Continued
MID WINTER SAMPLING EVENT - JANUARY 27, 2004

Sample ID	Inorganic Parameters	Physical Tests		Cyanides
	Sulphide S	Salinity ‰	Total Suspended Solids	Total Cyanide CN
GL South- 3m	-	7.7	3.3	<0.0050
GL South- 4m	<0.020	7.7	<3.0	-
GL South- 5m	-	7.7	<3.0	-
GL South- 6m	-	7.7	3.3	-
GL South- 7m	-	7.7	<3.0	-
GL South- 8m	<0.020	7.6	<3.0	-
GL South- 9m	-	34.1	5.8	-
GL South- 10m	-	55.9	26.7	0.0098
GL South- 11m	-	62	31.3	-
GL South- 12m	<0.020	62.7	30	-
GL South- 13m	-	62.8	21.3	-
GL South- 14m	-	62.9	33.3	-
GL South- 15m	-	62.6	34	-
GL South- 16m	<0.020	62.7	41.3	-
GL South- 17m	-	61.5	33.3	-
GL South- 18m	-	61	40	-
GL South- 19m	-	62.3	15.3	-
GL South- 20m	<0.020	63	9.1	-
GL South- 22m	-	63.4	17.8	-
GL South- 30m	-	60.6	26	-
GL South- 40m	<0.020	61.7	38	-

Footnotes:

Data for TSS is believed to be incorrect. Believe that the laboratory did not rinse the salt off the filter paper. This will overstate TSS values.

GARROW LAKE - STATION 262-3A Continued
MAXIMUM ICE THICKNESS SAMPLING EVENT - MAY 3, 2004

Sample ID	Inorganic Parameters	Physical Tests		Cyanides
	Sulphide S	Salinity o/oo	Total Suspended Solids	Total Cyanide CN
GL South- 3m	-	8.2	<3.0	<0.0050
GL South- 4m	-	8.2	<3.0	-
GL South- 5m	-	8.1	<3.0	-
GL South- 6m	-	8.1	<3.0	-
GL South- 7m	-	8.1	<3.0	-
GL South- 8m	-	8.2	<3.0	-
GL South- 9m	-	32.9	7	-
GL South- 10m	<0.020	58.7	23.7	0.0172
GL South- 11m	-	63	35	-
GL South- 12m	-	63.5	25	-
GL South- 13m	-	63.6	16.3	-
GL South- 14m	0.044	63.6	27	-
GL South- 15m	-	11.4	11.4	-
GL South- 16m	-	28.7	28.7	-
GL South- 17m	0.026	27.4	27.4	-
GL South- 18m	-	16.7	16.7	-
GL South- 19m	-	17.4	17.4	-
GL South- 20m	0.025	20.1	20.1	-

Footnotes:

Data for TSS is believed to be incorrect. Believe that the laboratory did not rinse the salt off the filter paper. This will overstate TSS values.

GARROW LAKE - STATION 262-3A Continued
 MINIMUM ICE THICKNESS SAMPLING EVENT - 2004
 COULD NOT SAFELY ACCESS SAMPLING LOCATION

Sample ID	Inorganic Parameters	Physical Tests		Cyanides
	Sulphide S	Salinity o/oo	Total Suspended Solids	Total Cyanide CN
GL South- 3m				
GL South- 4m				
GL South- 5m				
GL South- 6m				
GL South- 7m				
GL South- 8m				
GL South- 9m				
GL South- 10m				
GL South- 11m				
GL South- 12m				
GL South- 13m				
GL South- 14m				
GL South- 15m				
GL South- 16m				
GL South- 17m				
GL South- 18m				
GL South- 19m				
GL South- 20m				
GL South- 22m				
GL South- 30m				
GL South- 40m				

Footnotes:

GARROW LAKE MONITORING - STATION 262 - 3 (MID LAKE)

Depth (m)	MID WINTER 26-Jan-04				MAXIMUM ICE THICKNESS 03-May-04				MINIMUM ICE THICKNESS Unable to Sample Due to Ice Conditions			
	Temp (C)	pH	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Temp (C)	pH	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Temp (C)	pH	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)
0	-	-	-	-	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-	-	-	-	-
1.5	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-
3	-0.37	7.7	8.29	14.4								
4	0.38	7.7	9.95	14.09	GLL to supply data - tests were conducted as required							
5	0.98	7.7	10.87	13.59								
6	1.3	7.7	10.89	13.55								
7	1.85	7.7	10.9	13.05								
8	2.03	7.7	10.9	12.92								
9	2.32	7.7	10.93	12.83								
10	2.49	7.5	10.9	12.74								
11	3.2	7	10.94	11.8								
12	4.03	6.8	12.91	10								
13	5.08	6.8	41.8	6.75								
14	6.59	6.8	63.3	7.18								
15	8.45	6.8	78.5	3.03								
16	8.7	6.8	80.7	2.32								
17	8.8	6.8	81.3	1.86								
18	8.89	6.8	81.4	1.66								
19	8.89	6.8	81.7	1.3								
20	9.05	6.8	82	0.97								
21	9.12	6.8	82.1	0.71								
22	9.12	6.8	82.1	0.62								
23	9.12	6.8	82.1	0.53								
24	9.12	6.8	82.2	0.45								
25	9.12	6.8	82.1	0.4								
26	9.12	6.8	82.1	0.35								
27	9.12	6.7	82.2	0.32								
28	9.12	6.7	82.2	0.28								
29	9.12	6.7	82.2	0.25								
30	9.12	6.7	82.1	0.23								
31	9.12	6.7	82.2	0.21								
32	9.12	6.7	82.2	0.19								
33	9.12	6.7	82.2	0.17								
34	9.12	6.7	82.2	0.15								
35	9.12	6.6	82.2	0.13								
36	9.12	6.6	82.2	0.12								
37	9.12	6.6	82.2	0.11								
38	9.13	6.6	82.5	0.11								
39	9.16	6.6	82.5	0.11								
40	9.25	6.6	83.9	0.1								

GARROW LAKE MONITORING - STATION 262 - 3A (NEAR OUTLET)

Depth (m)	MID WINTER 27-Jan-04				MAXIMUM ICE THICKNESS 03-May-04				MINIMUM ICE THICKNESS Unable to Sample Due to Ice Conditions			
	Temp (C)	pH	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Temp (C)	pH	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Temp (C)	pH	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)
0	-	-	-	-	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-	-	-	-	-
1.5	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-
3	-0.3	8.36	12.4	19.2	GLL to supply data - tests were conducted as required				-	-	-	-
4	2.8	8.35	12.5	18.0					-	-	-	-
5	3.3	8.34	12.4	17.5								
6	3.3	8.34	12.4	17.5								
7	3.3	8.34	12.5	17.4								
8	3.3	8.32	12.5	16.3								
9	4.1	8.26	13.0	12.4								
10	5.4	7.9	28.1	6.1								
11	6.8	7.56	76.1	0.1								
12	7.8	7.5	80.4	0.1								
13	8.0	7.5	80.6	0.1								
14	8.2	7.49	80.8	0.1								
15	8.3	7.5	80.7	0.1								
16	8.3	7.49	80.7	0.1								
17	8.3	7.49	80.8	0.1								
18	8.3	7.49	80.8	0.1								
19	8.3	7.49	80.8	0.1								
20	8.3	7.48	80.8	0.1								
21	8.3	7.48	80.8	0.1								
22	8.3	7.48	80.8	0.1								
23	8.3	7.48	80.8	0.1								
24	8.3	7.48	80.8	0.1								
25	8.3	7.48	80.9	0.1								
26	8.3	7.47	80.9	0.1								
27	8.4	7.47	80.9	0.1								
28	8.4	7.46	80.9	0.1								
29	8.4	7.46	80.8	0.1								
30	8.4	7.44	80.9	0.1								
31	8.4	7.43	80.9	0.1								
32	8.4	7.43	80.9	0.1								
33	8.4	7.43	80.9	0.1								
34	8.4	7.42	80.9	0.1								
35	8.4	7.41	80.8	0.1								

GARROW LAKE - STATION 262 - 3 (MID LAKE) - TOTAL METALS ANALYSIS
MID-WINTER SAMPLING EVENT - JANUARY 26, 2004

Sample ID	Total Metals Detection Limits (mg/L)												
	Antimony	Arsenic	Cadmium	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Uranium	Zinc
GL Mid- 3m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	0.00001	0.005	0.00005	0.01	0.0005
GL Mid- 4m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005		0.005	0.00005	0.01	0.0005
GL Mid- 5m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL Mid- 6m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL Mid- 7m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL Mid- 8m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL Mid- 9m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL Mid- 10m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	0.00001	0.005	0.00005	0.01	0.0005
GL Mid- 11m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL Mid- 12m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL Mid- 13m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL Mid- 14m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL Mid- 15m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL Mid- 16m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL Mid- 17m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL Mid- 18m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL Mid- 19m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL Mid- 20m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL Mid- 22m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL Mid- 30m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL Mid- 40m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005

Footnotes: Results are expressed as milligrams per litre except where noted.

< = Less than the detection limit indicated.

Due to ice can not sample the top 2 metres

GARROW LAKE - STATION 262 - 3 (MID LAKE) - TOTAL METALS ANALYSIS
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Sample ID	Total Metals Detection Limits (mg/L)												
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GL Mid- 3m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	0.00001	0.005	0.00005	0.01	0.0005
GL Mid- 4m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL Mid- 5m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL Mid- 6m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL Mid- 7m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL Mid- 8m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL Mid- 9m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL Mid- 10m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	0.00001	0.005	0.00005	0.01	0.0005
GL Mid- 11m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL Mid- 12m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL Mid- 13m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL Mid- 14m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL Mid- 15m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL Mid- 16m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL Mid- 17m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL Mid- 18m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL Mid- 19m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL Mid- 20m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL Mid- 22m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL Mid- 30m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL Mid- 40m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005

Footnotes: Results are expressed as milligrams per litre except where noted.

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Due to ice can not sample the top two metres

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MINIMUM ICE THICKNESS SAMPLING EVENT - 2004

NOT ABLE TO DO AS ICE DID NOT LEAVE LAKE, COULD NOT SAFELY ACCESS SAMPLING LOCATION

Sample ID	Total Metals Detection Limits (mg/L)												
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GL Mid- 3m													
GL Mid- 4m													
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GL Mid- 13m													
GL Mid- 14m													
GL Mid- 15m													
GL Mid- 16m													
GL Mid- 17m													
GL Mid- 18m													
GL Mid- 19m													
GL Mid- 20m													
GL Mid- 22m													
GL Mid- 30m													
GL Mid- 40m													

Footnotes: Results are expressed as milligrams per litre except where noted.
 < = Less than the detection limit indicated.

GARROW LAKE - STATION 262-3 Continued
MID WINTER SAMPLING EVENT - JANUARY 26, 2004

Sample ID	Detection Limits			
	Inorganic Parameters	Physical Tests		Cyanides
	Sulphide S	Salinity o/oo	Total Suspended Solids	Total Cyanide CN
GL Mid- 3m	-			
GL Mid- 4m	0.02			
GL Mid- 5m	-			
GL Mid- 6m	-			
GL Mid- 7m	-			
GL Mid- 8m	0.02			
GL Mid- 9m	-			
GL Mid- 10m	-			
GL Mid- 11m	-			
GL Mid- 12m	0.02			
GL Mid- 13m	-			
GL Mid- 14m	-			
GL Mid- 15m	-			
GL Mid- 16m	0.02			
GL Mid- 17m	-			
GL Mid- 18m	-			
GL Mid- 19m	-			
GL Mid- 20m	0.02			
GL Mid- 22m	-			
GL Mid- 30m	-			
GL Mid- 40m	0.02			

Footnotes:

GARROW LAKE - STATION 262-3 Continued
MAXIMUM ICE THICKNESS SAMPLING EVENT - MAY 3, 2004

Sample ID	Inorganic Parameters		Physical Tests			Cyanides
	Sulphide S	Salinity	o/oo	Total Suspended Solids	Total Cyanide CN	
GL Mid- 3m	-	1	3			
GL Mid- 4m	0.02	1	3			
GL Mid- 5m	-	1	3			
GL Mid- 6m	-	1	3			
GL Mid- 7m	-	1	3			
GL Mid- 8m	0.02	1	3			
GL Mid- 9m	-	1	3			
GL Mid- 10m	-	1	3			
GL Mid- 11m	-	1	3			
GL Mid- 12m	0.02	1	3			
GL Mid- 13m	-	1	3			
GL Mid- 14m	-	1	3			
GL Mid- 15m	-	1	3			
GL Mid- 16m	0.02	1	3			
GL Mid- 17m	-	1	3			
GL Mid- 18m	-	1	3			
GL Mid- 19m	-	1	3			
GL Mid- 20m	0.02	1	3			
GL Mid- 22m	-					
GL Mid- 30cm	-					
GL Mid- 40cm	0.02					

Footnotes:

GARROW LAKE - STATION 262-3 Continued
 MINIMUM ICE THICKNESS SAMPLING EVENT - 2004
 COULD NOT SAFELY ACCESS SAMPLING LOCATION

Sample ID	Detection Limits			
	Inorganic Parameters	Physical Tests		Cyanides
	Sulphide S	Salinity	o/oo	Total Suspended Solids
GL Mid- 3m				
GL Mid- 4m				
GL Mid- 5m				
GL Mid- 6m				
GL Mid- 7m				
GL Mid- 8m				
GL Mid- 9m				
GL Mid- 10m				
GL Mid- 11m				
GL Mid- 12m				
GL Mid- 13m				
GL Mid- 14m				
GL Mid- 15m				
GL Mid- 16m				
GL Mid- 17m				
GL Mid- 18m				
GL Mid- 19m				
GL Mid- 20m				
GL Mid- 22m				
GL Mid- 30m				
GL Mid- 40m				

Footnotes:

GARROW LAKE - STATION 262 - 3A (NEAR OUTLET) - TOTAL METALS ANALYSIS
MID-WINTER SAMPLING EVENT - JANUARY 27, 2004

Sample ID	Total Metals Concentrations (mg/L)												
	Antimony	Arsenic	Cadmium	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Uranium	Zinc
GL South- 3m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	0.00001	0.005	0.00005	0.01	0.0005
GL South- 4m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL South- 5m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL South- 6m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL South- 7m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL South- 8m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL South- 9m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL South- 10m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	0.00001	0.005	0.00005	0.01	0.0005
GL South- 11m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL South- 12m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL South- 13m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL South- 14m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL South- 15m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL South- 16m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL South- 17m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL South- 18m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL South- 19m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL South- 20m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL South- 22m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL South- 30m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005
GL South- 40m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.0005

Footnotes: Results are expressed as milligrams per litre except where noted.

< = Less than the detection limit indicated.

Due to ice can not sample the top two metres

GARROW LAKE - STATION 262 - 3A (NEAR OUTLET) - TOTAL METALS ANALYSIS
MAXIMUM ICE THICKNESS SAMPLING EVENT - MAY 3, 2004

Sample ID	Total Metals Concentrations (mg/L)												
	Antimony	Arsenic	Cadmium	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Uranium	Zinc
GL South- 3m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	0.00001	0.005	0.00005	0.01	0.00005
GL South- 4m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.00005
GL South- 5m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.00005
GL South- 6m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.00005
GL South- 7m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.00005
GL South- 8m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.00005
GL South- 9m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.00005
GL South- 10m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	0.00001	0.005	0.00005	0.01	0.00005
GL South- 11m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.00005
GL South- 12m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.00005
GL South- 13m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.00005
GL South- 14m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.00005
GL South- 15m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.00005
GL South- 16m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.00005
GL South- 17m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.00005
GL South- 18m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.00005
GL South- 19m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.00005
GL South- 20m	0.0002	0.0002	0.00002	0.00005	0.00005	0.01	0.00005	0.00005	-	0.005	0.00005	0.01	0.00005

Footnotes: Results are expressed as milligrams per litre except where noted.

< = Less than the detection limit indicated.

Due to ice can not sample the top two metres

GARROW LAKE - STATION 262 - 3A (NEAR OUTLET) - TOTAL METALS ANALYSIS

MINIMUM ICE THICKNESS SAMPLING EVENT - 2004

NOT ABLE TO DO AS ICE DID NOT LEAVE LAKE, COULD NOT SAFELY ACCESS SAMPLING LOCATION

Sample ID	Total Metals Concentrations (mg/L)										
	Antimony	Arsenic	Cadmium	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel
GL South- 3m											
GL South- 4m											
GL South- 5m											
GL South- 6m											
GL South- 7m											
GL South- 8m											
GL South- 9m											
GL South- 10m											
GL South- 11m											
GL South- 12m											
GL South- 13m											
GL South- 14m											
GL South- 15m											
GL South- 16m											
GL South- 17m											
GL South- 18m											
GL South- 19m											
GL South- 20m											
GL South- 22m											
GL South- 30m											
GL South- 40m											

Footnotes: Results are expressed as milligrams per litre except where noted.
 < = Less than the detection limit indicated.

GARROW LAKE - STATION 262-3A Continued
MID WINTER SAMPLING EVENT - JANUARY 27, 2004

Sample ID	Inorganic Parameters Sulphide S	Physical Tests		Cyanides Total Cyanide CN
		Salinity	o/oo	
GL South- 3m	-			
GL South- 4m	0.02			
GL South- 5m	-			
GL South- 6m	-			
GL South- 7m	-			
GL South- 8m	0.02			
GL South- 9m	-			
GL South- 10m	-			
GL South- 11m	-			
GL South- 12m	0.02			
GL South- 13m	-			
GL South- 14m	-			
GL South- 15m	-			
GL South- 16m	0.02			
GL South- 17m	-			
GL South- 18m	-			
GL South- 19m	-			
GL South- 20m	0.02			
GL South- 22m	-			
GL South- 30m	-			
GL South- 40m	0.02			

Footnotes:

GARROW LAKE - STATION 262-3A Continued
MAXIMUM ICE THICKNESS SAMPLING EVENT - MAY 3, 2004

Sample ID	Inorganic Parameters	Physical Tests		Cyanides
	Sulphide S	Salinity o/oo	Total Suspended Solids	Total Cyanide CN
GL South- 3m	-	-	-	0.005
GL South- 4m	-	-	-	-
GL South- 5m	-	-	-	-
GL South- 6m	-	-	-	-
GL South- 7m	-	-	-	-
GL South- 8m	-	-	-	-
GL South- 9m	-	-	-	-
GL South- 10m	0.02	-	-	0.005
GL South- 11m	-	-	-	-
GL South- 12m	-	-	-	-
GL South- 13m	-	-	-	-
GL South- 14m	0.02	-	-	-
GL South- 15m	-	1	3	-
GL South- 16m	-	1	3	-
GL South- 17m	0.02	1	3	-
GL South- 18m	-	1	3	-
GL South- 19m	-	1	3	-
GL South- 20m	0.02	1	3	-

Footnotes:

GARROW LAKE - STATION 262-3A Continued
 MINIMUM ICE THICKNESS SAMPLING EVENT - 2004
 COULD NOT SAFELY ACCESS SAMPLING LOCATION

Sample ID	Inorganic Parameters		Physical Tests		Cyanides	
	Sulphide S	Salinity	o/oo	Total Suspended Solids	Total Cyanide	CN
GL South- 3m						
GL South- 4m						
GL South- 5m						
GL South- 6m						
GL South- 7m						
GL South- 8m						
GL South- 9m						
GL South- 10m						
GL South- 11m						
GL South- 12m						
GL South- 13m						
GL South- 14m						
GL South- 15m						
GL South- 16m						
GL South- 17m						
GL South- 18m						
GL South- 19m						
GL South- 20m						
GL South- 22m						
GL South- 30m						
GL South- 40m						

Footnotes:

GARROW LAKE - STATION 262 - 3 (MID LAKE) - TOTAL METALS ANALYSIS						
MID WINTER SAMPLING EVENT - JANUARY 26, 2004						
DUPLICATE RESULTS						
Project	Polaris SNP Saline Water Analysis (Garrow Lake)					
Report to	Gartner Lee Ltd.					
ALS File No.	T9117					
Date Received	30/01/2004					
Date:	20/02/2004					
Sample ID	GL Mid- 7m	GL Mid- 7m	RPD %	GL Mid- 16m	GL Mid- 16m	RPD %
Date Sampled	26/01/2004	QC# 373743		26/01/2004	QC# 373744	
Time Sampled						
ALS Sample ID	5			14		
Nature	Water			Water		
Total Metals						
Arsenic T-As	0.00029	<0.00020	36.7	0.00069	0.00069	25.3
Cadmium T-Cd	0.000493	0.000492	0.203	0.000082	0.000085	3.59
Cobalt T-Co	0.000061	0.000062	1.63	0.000402	0.000415	3.18
Copper T-Cu	0.000976	0.000944	3.33	0.00143	0.00145	1.39
Iron T-Fe	<0.010	<0.010	0	0.211	0.223	5.53
Lead T-Pb	0.000794	0.000689	14.2	0.00255	0.00254	0.393
Manganese T-Mn	0.00819	0.00807	1.48	0.0857	0.0876	2.19
Molybdenum T-Mo	<0.0050	<0.0050	0	0.0073	0.0069	5.63
Nickel T-Ni	0.00341	0.00315	7.93	0.00696	0.00919	2.53
Uranium T-U	<0.010	<0.010	0	<0.010	<0.010	0
Zinc T-Zn	0.197	0.188	4.68	0.265	0.271	2.24
Inorganic Parameters						
Sulphide S	-	-	-	<0.020	<0.020	0

GARROW LAKE - STATION 262 - 3 (MID LAKE) - TOTAL METALS ANALYSIS						
MAXIMUM ICE THICKNESS SAMPLING EVENT - MAY 3, 2004						
DUPLICATE RESULTS						
Project	40137 Saline Water Analysis Garrow SNP (Polaris)					
Report to	Gartner Lee Ltd.					
ALS File No.	U3258					
Date Received	07/05/2004					
Date:	21/05/2004					
Sample ID	GL Mid- 6m	GL Mid- 6m	RPD %	GL Mid- 12m	GL Mid- 12m	RPD %
Date Sampled	03/05/2004	QC# 385669		03/05/2004	QC# 385670	
Time Sampled						
ALS Sample ID	4			10		
Nature	Water			Water		
Total Metals						
Antimony T-Sb	<0.00020	<0.00020	0	0.00096	0.00105	8.96
Arsenic T-As	<0.00020	0.00023	14	0.00046	0.00046	0
Cadmium T-Cd	0.000617	0.000636	3.03	0.000207	0.00024	14.8
Cobalt T-Co	0.000096	0.00007	5.88	0.000751	0.000814	8.05
Copper T-Cu	0.00102	0.00102	0	0.00218	0.00242	10.4
Iron T-Fe	<0.010	0.01	0	0.173	0.195	12
Lead T-Pb	0.00168	0.00138	19.6	0.00682	0.00783	13.8
Manganese T-Mn	0.00957	0.00968	1.14	0.0971	0.112	14.3
Molybdenum T-Mo	<0.0050	<0.0050	0	<0.0050	0.0064	24.6
Nickel T-Ni	0.00385	0.00383	0.521	0.00621	0.009	9.18
Uranium T-U	<0.010	<0.010	0	<0.010	<0.010	0
Zinc T-Zn	0.229	0.233	1.73	0.262	0.28	6.64

GARROW LAKE - STATION 262 - 3 (MID LAKE) - TOTAL METALS ANALYSIS						
MINIMUM ICE THICKNESS SAMPLING EVENT - NOT SAMPLED						
DUPLICATE RESULTS						
Project						
Report to						
ALS File No.						
Date Received						
Date:						
Sample ID			RPD %			RPD %
Date Sampled						
Time Sampled						
ALS Sample ID						
Nature						
Total Metals						
Antimony T-Sb						
Arsenic T-As						
Cadmium T-Cd						
Cobalt T-Co						
Copper T-Cu						
Iron T-Fe						
Lead T-Pb						
Manganese T-Mn						
Molybdenum T-Mo						
Nickel T-Ni						
Uranium T-U						
Zinc T-Zn						