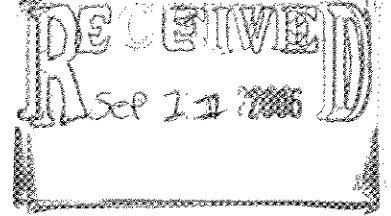




WOLFDEN
Resources Inc.



September 1, 2006

Mr. Philippe di Pizzo
Executive Director
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU
X0B 1J0

Dear Mr. di Pizzo:

**Re: ULU WATER LICENSE NWB1ULU0008 – JULY & AUGUST 2006 SNP
SAMPLING RESULTS**

Pursuant to Schedule I – Part D, Item 1 of the above note license, and the Interim Water Management Plan requirements, find enclosed the analytical results for the water samples collected during July and August 2006, including a summary of results to date for comparison.

Ulu was shut down on August 17, 2006 therefore no additional water samples will be taken until the camp is re-opened.

If you have any additional comments or questions I can be reached at the address indicated in the above, by telephone at (807) 346-2762 or email at dave.stevenson@wolfdenresources.com.

Yours truly,

David B. Stevenson, M.Sc., P.Geo.
Exploration Manager, Ulu
Wolfden Resources Inc.

Encl.

Mine Ice 200-2 - Ulu Waste Rock, Mine Ice and Ore Storage Monitoring.

Routine Parameters	CCME	Licence Limit	200-2	200-2	200-2	200-2	200-2	200-2	200-2	200-2	200-2	200-2	200-2	200-2	200-2	200-2
Date			24-May-06	31-May-06	7-Jun-06	14-Jun-06	21-Jun-06	28-Jun-06	5-Jul-06	12-Jul-06	19-Jul-06	26-Jul-06	2-Aug-06	16-Aug-06		
pH	6.5 - 9.0		6.88	8.29	6.7	7.3	7	6.8	7.2	7	6.8	6.7	7.5	no ice		
Nitrate	13		1.31	0.229	0.7	1.4	0.7	0.3	0.3	0.5	2.4	0.5	<0.1	no ice		
Nitrite	0.06		0.0635	0.0165	<0.05	<0.05	0.09	<0.05	0.08	<0.05	0.39	0.13	<0.05	no ice		
Ammonia (as N)	12.24		0.186	0.19	0.19	1.53	0.52	0.16	0.37	0.9	2.37	0.45	<0.05	no ice		
Total Suspended Solids	25		9.1	5.8	4	<3	13	9	3	18	9	3	17	no ice		
Sulphate			5.6	4.96	10.8	26.6	14.6	3.9	6.8	0.6	252	2.7	0.7	no ice		
Chloride			8.96	3.51	8	35	17	3	6	16	27	5	2	no ice		
Metals (Total)																
Total Aluminum	0.1		0.443	0.248	0.44	0.2	0.38	0.16	0.95	0.55	0.51	0.08	1.14	no ice		
Total Arsenic	0.005	1	0.00314	0.00113	0.0012	0.0021	0.0018	0.0006	0.0026	0.0039	0.0031	0.0007	0.0031	no ice		
Total Cadmium	0.000017		0.000355	0.000613	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0002	0.0005	<0.0002	no ice		
Total Chromium	0.001		<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	no ice		
Total Copper	0.002 - 0.004	0.6	0.0049	0.0031	0.003	0.004	0.008	0.008	0.006	0.007	0.016	0.003	0.003	no ice		
Total Lead	0.001 - 0.007	0.4	0.00655	0.00158	0.001	0.0007	0.0039	0.0015	0.0024	0.0015	0.003	0.0009	0.0021	no ice		
Total Nickel	0.025-0.15	1	0.0018	0.0013	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	no ice		
Total Zinc	0.03	1	0.0791	0.0166	0.014	0.008	0.026	0.024	0.063	0.017	0.046	0.027	0.016	no ice		

results exceed Licence Limits
results exceed CCME Aquatic Life Guidelines

Indices

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Toe of Ice 200-3 - Ulu Waste Rock, Mine Ice and Ore Storage Monitoring.

Routine Parameters	CCME	Licence Limit	200-3	200-3	200-3	200-3	200-3	200-3	200-3	200-3	200-3	200-3	200-3	200-3	200-3	200-3
Date			24-May-06	31-May-06	7-Jun-06	14-Jun-06	21-Jun-06	28-Jun-06	5-Jul-06	12-Jul-06	19-Jul-06	26-Jul-06	2-Aug-06	9-Aug-06	16-Aug-06	
pH	6.5 - 9.0		7.64	7.59	1.7	7.8	7.6	7.7	7.7	7.8	7.6	7.8	7.7	7.7	7.8	
Nitrate	13		0.412	0.946	17.7	34.2	21.6	17.6	37	20.8	43.2	35.6	31.9	31.9	15.5	
Nitrite	0.06		0.0245	9.95	0.48	2.36	1.49	2.07	3.65	0.96	2.81	1.78	0.81	0.81	<0.05	
Ammonia (as N)	12.24		0.055	2.99	6.1	80.3	7.17	9.17	22.6	10.3	40.9	18.6	14.8	14.8	6.85	
Total Suspended Solids	25		7.1	6.5	<3	<3	4	<3	<3	4	<3	<3	6	6	4	
Sulphate			33.9	55.5	1660	117	79.5	68.6	136	106	6.9	94.5	105	105	141	
Chloride			33.9	105	267	666	322	291	1910	545	796	560	593	593	360	
Metals (Total)																
Total Aluminum	0.1		0.298	0.317	0.1	0.08	0.04	0.013	0.18	0.09	0.08	0.15	0.1	0.1	0.12	
Total Arsenic	0.005	1	<0.00482	0.00199	0.0018	0.0014	0.0006	0.0018	0.0014	0.0024	0.0018	0.0016	0.0019	0.0019	0.0014	
Total Cadmium	0.000017		0.0000520	0.000149	<0.0002	0.0004	<0.0002	<0.0002	0.0017	0.0005	0.0008	0.0006	0.0010	0.0010	0.0006	
Total Chromium	0.001		0.0016	<0.0010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Total Copper	0.002 - 0.004	0.6	0.0048	0.0035	0.003	0.004	0.002	0.003	0.004	0.004	0.006	0.004	0.005	0.005	0.004	
Total Lead	0.001 - 0.007	0.4	0.00063	0.00084	0.0002	0.0002	<0.0001	0.0003	0.0003	0.0005	0.0003	0.0004	0.0006	0.0006	0.0002	
Total Nickel	0.025-0.15	1	0.0016	0.0052	0.004	0.006	0.002	0.011	0.015	0.008	0.008	0.009	0.018	0.018	0.015	
Total Zinc	0.03	1	<0.005	0.0099	0.01	0.039	0.005	0.061	0.026	0.011	0.016	0.012	0.018	0.018	0.017	

Notes:

results exceed Licence Limits
results exceed CCME Aquatic Life Guidelines

Outlet of East Lake 200-4 - Ulu Waste Rock, Mine Ice and Ore Storage Monitoring.

Routine Parameters	CCME	Licence Limit	200-4	200-4	200-4	200-4	200-4	200-4	200-4	200-4	200-4	200-4	200-4	200-4	200-4
Date			24-May-06	31-May-06	7-Jun-06	14-Jun-06	21-Jun-06	28-Jun-06	5-Jul-06	12-Jul-06	19-Jul-06	26-Jul-06	2-Aug-06	16-Aug-06	
pH	6.5 - 9.0		7	7.82	6.9	7.2	7	7.1	6.9	7	6.9	7	6.9	6.9	
Nitrate	13		0.175	0.193	1.2	1.6	2.1	2.7	3.4	4.3	4.4	2.5	5.3	7.9	
Nitrite	0.06		0.0011	0.0018	<0.05	<0.05	<0.	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Ammonia (as N)	12.24		0.089	0.028	0.26	0.31	<0.05	0.47	0.71	0.94	0.75	0.11	0.22	0.79	
Total Suspended Solids	25		<3	<3	3	<3	5	<3	<3	<3	<3	6	4	<3	
Sulphate			12.7	10.9	19.7	17.8	18.6	20.4	24.2	2.8	54.4	28.7	34.8	47.8	
Chloride			7.48	7.56	29	34	47	53	72	99	106	141	156	244	
Metals (Total)															
Total Aluminum	0.1		0.082	0.0667	0.07	0.05	0.04	0.04	0.04	0.03	0.04	0.1	0.02	0.03	
Total Arsenic	0.005	1	<0.0005	<0.0005	<0.0004	<0.0004	0.0005	0.0004	0.0007	<0.0004	<0.0004	0.0006	<0.0004	<0.0004	
Total Cadmium	0.000017		0.000051	0.000033	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0005	<0.0002	0.0002	
Total Chromium	0.001		<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Total Copper	0.002 - 0.004	0.6	0.0023	0.0022	0.002	0.002	0.002	0.002	0.011	0.002	0.002	0.002	0.002	0.002	
Total Lead	0.001 - 0.007	0.4	<0.0005	<0.0005	<0.0001	<0.0001	<0.0001	0.0001	<0.0001	<0.0001	<0.0001	0.0002	0.0001	0.0002	
Total Nickel	0.025-0.15	1	0.0026	0.0022	0.002	<0.002	0.002	0.002	0.003	0.002	0.003	0.013	0.003	0.006	
Total Zinc	0.03	1	0.0074	0.0054	0.006	0.007	0.007	0.005	0.012	0.01	0.013	0.037	0.015	0.041	

Indices

results exceed Licence Limits
results exceed CCME Aquatic Life Guidelines

Inflow to Ulu Lake 200-5a - Ulu Waste Rock, Mine Ice and Ore Storage Monitoring.

Routine Parameters	CCME	Licence Limit	200-5A	200-5A	200-5A	200-5A	200-5A	200-5A	200-5A	200-5A	200-5A	200-5A	200-5A	200-5A	200-5A	200-5A	200-5A
Date			24-May-06	31-May-06	7-Jun-06	14-Jun-06	21-Jun-06	28-Jun-06	5-Jul-06	12-Jul-06	19-Jul-06	26-Jul-06	2-Aug-06	16-Aug-06			
pH	6.5 - 9.0		6.9	7.48	6.6	6.9	6.7	6.8	6.6	6.5	6.6	6.7	7.6	6.8			
Nitrate	13		0.271	0.2	1.3	1.7	1.8	2.3	3.3	4.2	3.8	5	32.9	8.5			
Nitrite	0.06		0.0011	<0.001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.55	<0.05			
Ammonia (as N)	12.24		<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	0.08	0.11	0.34	0.78	0.75			
Total Suspended Solids	25		<3	<3	<3	<3	3	<3	<3	<3	<3	<3	<3	<3			
Sulphate			12.9	10.8	19.6	18	16.7	18.6	21.7	2.5	50.1	31.5	105	42.6			
Chloride			7.87	7.57	29	32	37	43	63	91	89	132	579	201			
Metals (Total)																	
Total Aluminum	0.1		0.0582	0.0656	0.07	0.06	0.1	0.11	0.12	0.12	0.11	0.1	0.1	0.3			
Total Arsenic	0.005	1	<0.0005	<0.0005	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004			
Total Cadmium	0.000017		0.000044	0.000027	<0.0002	<0.0002	<0.0002	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0004			
Total Chromium	0.001		<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
Total Copper	0.002 - 0.004	0.6	0.002	0.0022	0.002	0.002	0.002	0.002	0.002	0.001	0.002	0.001	0.002	0.003			
Total Lead	0.001 - 0.007	0.4	<0.0005	<0.0005	0.0002	<0.0001	<0.0001	<0.0001	0.0002	<0.0001	<0.0001	0.0002	0.0001	0.0004			
Total Nickel	0.025-0.15	1	0.0017	0.0017	0.002	0.002	0.003	0.003	0.004	0.004	0.004	0.004	0.005	0.006			
Total Zinc	0.03	1	0.0054	0.0051	0.012	0.016	0.01	0.043	0.015	0.015	0.019	0.047	0.022	0.033			

Indicators

results exceed Licence Limits
results exceed CCME Aquatic Life Guidelines

Outlet of Ulu Lake 200-5 - Ulu Waste Rock, Mine Ice and Ore Storage Monitoring.

Routine Parameters	CCME	Licence Limit	200-5	200-5	200-5	200-5	200-5	200-5	200-5	200-5	200-5	200-5	200-5	200-5	200-5
Date			24-May-06	31-May-06	7-Jun-06	14-Jun-06	21-Jun-06	28-Jun-06	5-Jul-06	12-Jul-06	19-Jul-06	26-Jul-06	2-Aug-06	16-Aug-06	
pH	6.5 - 9.0		6.75	6.76	6.6	6.9	6.9	6.9	6.8	6.9	6.8	6.8	6.9	7	
Nitrate	13		0.0251	0.013	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Nitrite	0.06		<0.001	<0.001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Ammonia (as N)	12.24		<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Total Suspended Solids	25		<3	<3	<3	4	4	<3	<3	<3	<3	<3	3	<3	
Sulphate			3.56	2.66	3.5	5.4	4.2	4.4	4.8	<0.5	50.2	4.9	5.1	5.7	
Chloride			1.55	0.66	2	4	3	2	3	3	3	4	4	5	
Metals (Total)															
Total Aluminum	0.1		0.0391	0.0534	0.05	0.04	0.04	0.03	0.02	0.02	0.03	0.03	0.02	0.03	
Total Arsenic	0.005	1	<0.0005	<0.0005	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	
Total Cadmium	0.000017		0.000035	0.000022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
Total Chromium	0.001		<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Total Copper	0.002 - 0.004	0.6	0.0018	0.0028	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	
Total Lead	0.001 - 0.007	0.4	<0.0005	<0.0005	<0.0001	0.0002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
Total Nickel	0.025-0.15	1	0.0041	0.0031	<0.002	0.002	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.002	
Total Zinc	0.03	1	0.0119	0.009	0.007	0.009	<0.004	0.012	<0.004	0.005	0.007	0.005	<0.004	0.017	

Indices

results exceed Licence Limits
results exceed CCME Aquatic Life Guidelines

ALS Laboratory Group

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ALS Laboratory Group

PRELIMINARY RESULTS

WOLFDEN RESOURCES INC.
ATTN: DAVE STEVENSON
401 - 1113 JADE COURT
THUNDER BAY ON P7B 6M7

Reported On: 21-JUL-06 05:42 PM

Project P.O. #:
Job Reference: ULU
Legal Site Desc:
CofC Numbers: 74500

Other Information:

Comments:



ROY JONES
General Manager

For any questions about this report please contact your Account Manager:
ERIN ANDERSON

THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN AUTHORITY OF THE LABORATORY.
ALL SAMPLES WILL BE DISPOSED OF AFTER 30 DAYS FOLLOWING ANALYSIS. PLEASE CONTACT THE LAB IF YOU
REQUIRE ADDITIONAL SAMPLE STORAGE TIME.

ALS Laboratory Group
9536-57 Avenue, Edmonton, AB T6E 0P5
Phone: +1 780 413 5227 Fax: +1 780 437 2311 www.alsglobal.com
A Campbell Brothers Limited Company



Now part of the ALS Laboratory Group

ALS LABORATORY GROUP ANALYTICAL REPORT

L408312-1	200-2							
Sampled By:	JM on 05-JUL-06							
Matrix:	WATER							
Hardness								
Calcium (Ca)	4.7		0.5	mg/L	10-JUL-06	JWU	R417921	
Hardness (as CaCO3)	12			mg/L	11-JUL-06			
Magnesium (Mg)	0.6		0.1	mg/L	10-JUL-06	JWU	R417921	
Dissolved Metals - CCME								
Dissolved Major Metals								
Calcium (Ca)	3.9		0.5	mg/L	10-JUL-06	HAS	R418036	
Potassium (K)	0.5		0.1	mg/L	10-JUL-06	HAS	R418036	
Magnesium (Mg)	0.45		0.01	mg/L	10-JUL-06	HAS	R418036	
Sodium (Na)	3.1		0.5	mg/L	10-JUL-06	HAS	R418036	
Iron (Fe)	0.029		0.005	mg/L	10-JUL-06	HAS	R418036	
Manganese (Mn)	0.020		0.001	mg/L	10-JUL-06	HAS	R418036	
Dissolved Trace Metals								
Silver (Ag)	<0.0001	RAMB	0.0001	mg/L	12-JUL-06	MCHU	R418841	
Aluminum (Al)	0.25		0.01	mg/L	12-JUL-06	MCHU	R418841	
Arsenic (As)	<0.0004		0.0004	mg/L	12-JUL-06	MCHU	R418841	
Boron (B)	<0.05		0.05	mg/L	12-JUL-06	MCHU	R418841	
Barium (Ba)	0.005		0.003	mg/L	12-JUL-06	MCHU	R418841	
Beryllium (Be)	<0.001		0.001	mg/L	12-JUL-06	MCHU	R418841	
Cadmium (Cd)	<0.0001		0.0001	mg/L	12-JUL-06	MCHU	R418841	
Cobalt (Co)	<0.002		0.002	mg/L	12-JUL-06	MCHU	R418841	
Chromium (Cr)	<0.005		0.005	mg/L	12-JUL-06	MCHU	R418841	
Copper (Cu)	0.002		0.001	mg/L	12-JUL-06	MCHU	R418841	
Mercury (Hg)	<0.0001		0.0001	mg/L	12-JUL-06	MCHU	R418841	
Lithium (Li)	<0.003		0.003	mg/L	12-JUL-06	MCHU	R418841	
Molybdenum (Mo)	<0.005		0.005	mg/L	12-JUL-06	MCHU	R418841	
Nickel (Ni)	<0.002		0.002	mg/L	12-JUL-06	MCHU	R418841	
Lead (Pb)	0.0002		0.0001	mg/L	12-JUL-06	MCHU	R418841	
Antimony (Sb)	0.0007		0.0004	mg/L	12-JUL-06	MCHU	R418841	
Selenium (Se)	<0.0004		0.0004	mg/L	12-JUL-06	MCHU	R418841	
Tin (Sn)	<0.05		0.05	mg/L	12-JUL-06	MCHU	R418841	
Titanium (Ti)	<0.001		0.001	mg/L	12-JUL-06	MCHU	R418841	
Thallium (Tl)	<0.0001		0.0001	mg/L	12-JUL-06	MCHU	R418841	
Uranium (U)	<0.0001		0.0001	mg/L	12-JUL-06	MCHU	R418841	
Vanadium (V)	<0.001		0.001	mg/L	12-JUL-06	MCHU	R418841	
Zinc (Zn)	0.012		0.002	mg/L	12-JUL-06	MCHU	R418841	
Total Metals - CCME								
Total Major Metals								
Calcium (Ca)	5.9		0.5	mg/L	12-JUL-06	HAS	R418850	
Potassium (K)	0.5		0.1	mg/L	12-JUL-06	HAS	R418850	
Magnesium (Mg)	0.8		0.1	mg/L	12-JUL-06	HAS	R418850	
Sodium (Na)	3		1	mg/L	12-JUL-06	HAS	R418850	
Iron (Fe)	0.976		0.005	mg/L	12-JUL-06	HAS	R418850	
Manganese (Mn)	0.057		0.001	mg/L	12-JUL-06	HAS	R418850	
Total Trace Metals								
Silver (Ag)	<0.0004		0.0004	mg/L	12-JUL-06	MCHU	R418843	
Aluminum (Al)	0.95		0.01	mg/L	12-JUL-06	MCHU	R418843	
Arsenic (As)	0.0026		0.0004	mg/L	12-JUL-06	MCHU	R418843	
Boron (B)	<0.05		0.05	mg/L	12-JUL-06	MCHU	R418843	
Barium (Ba)	0.010		0.003	mg/L	12-JUL-06	MCHU	R418843	
Beryllium (Be)	<0.001		0.001	mg/L	12-JUL-06	MCHU	R418843	
Cadmium (Cd)	<0.0002		0.0002	mg/L	12-JUL-06	MCHU	R418843	
Cobalt (Co)	<0.002		0.002	mg/L	12-JUL-06	MCHU	R418843	

ALS LABORATORY GROUP ANALYTICAL REPORT

L408312-1	200-2							
Sampled By:	JM on 05-JUL-06							
Matrix:	WATER							
Total Metals - CCME								
Total Trace Metals								
Chromium (Cr)	<0.005	0.005	mg/L	12-JUL-06	MCHU	R418843		
Copper (Cu)	0.006	0.001	mg/L	12-JUL-06	MCHU	R418843		
Mercury (Hg)	<0.0002	0.0002	mg/L	12-JUL-06	MCHU	R418843		
Lithium (Li)	<0.01	0.01	mg/L	12-JUL-06	MCHU	R418843		
Molybdenum (Mo)	<0.005	0.005	mg/L	12-JUL-06	MCHU	R418843		
Nickel (Ni)	<0.002	0.002	mg/L	12-JUL-06	MCHU	R418843		
Lead (Pb)	0.0024	0.0001	mg/L	12-JUL-06	MCHU	R418843		
Antimony (Sb)	<0.0004	0.0004	mg/L	12-JUL-06	MCHU	R418843		
Selenium (Se)	<0.0004	0.0004	mg/L	12-JUL-06	MCHU	R418843		
Tin (Sn)	<0.05	0.05	mg/L	12-JUL-06	MCHU	R418843		
Titanium (Ti)	0.031	0.001	mg/L	12-JUL-06	MCHU	R418843		
Thallium (Tl)	<0.0001	0.0001	mg/L	12-JUL-06	MCHU	R418843		
Uranium (U)	0.0003	0.0001	mg/L	12-JUL-06	MCHU	R418843		
Vanadium (V)	0.001	0.001	mg/L	12-JUL-06	MCHU	R418843		
Zinc (Zn)	0.063	0.004	mg/L	12-JUL-06	MCHU	R418843		
Alkalinity, Total (as CaCO3)	<5	5	mg/L	10-JUL-06	PTT	R418232		
Ammonia-N	0.37	0.05	mg/L	12-JUL-06	KMY	R418715		
Chloride (Cl)	6	1	mg/L	08-JUL-06	WYA	R417502		
Conductivity (EC)	51.6	0.2	uS/cm	10-JUL-06	PTT	R418232		
Nitrate-N	0.3	0.1	mg/L	07-JUL-06	SHC	R417430		
Nitrite-N	0.08	0.05	mg/L	07-JUL-06	SHC	R417430		
Sulphate (SO4)	6.8	0.5	mg/L	10-JUL-06	JWU	R418352		
Total Suspended Solids	3	3	mg/L	10-JUL-06	SVG	R417905		
pH	7.2	0.1	pH	10-JUL-06	PTT	R418232		
L408312-2	200-3							
Sampled By:	JM on 05-JUL-06							
Matrix:	WATER							
Hardness								
Calcium (Ca)	162	0.5	mg/L	10-JUL-06	JWU	R417921		
Hardness (as CaCO3)	428		mg/L	11-JUL-06				
Magnesium (Mg)	26.5	0.1	mg/L	10-JUL-06	JWU	R417921		
Dissolved Metals - CCME								
Dissolved Major Metals								
Calcium (Ca)	137	0.5	mg/L	10-JUL-06	HAS	R418036		
Potassium (K)	24.9	0.1	mg/L	10-JUL-06	HAS	R418036		
Magnesium (Mg)	20.8	0.01	mg/L	10-JUL-06	HAS	R418036		
Sodium (Na)	1040	0.5	mg/L	10-JUL-06	HAS	R418036		
Iron (Fe)	0.017	0.005	mg/L	10-JUL-06	HAS	R418036		
Manganese (Mn)	0.760	0.001	mg/L	10-JUL-06	HAS	R418036		
Dissolved Trace Metals								
Silver (Ag)	<0.0001	RAMB 0.0001	mg/L	12-JUL-06	MCHU	R418841		
Aluminum (Al)	0.03	0.01	mg/L	12-JUL-06	MCHU	R418841		
Arsenic (As)	0.0006	0.0004	mg/L	14-JUL-06	HLA	R419673		
Boron (B)	0.08	0.05	mg/L	12-JUL-06	MCHU	R418841		
Barium (Ba)	0.204	0.003	mg/L	12-JUL-06	MCHU	R418841		
Beryllium (Be)	<0.001	0.001	mg/L	12-JUL-06	MCHU	R418841		
Cadmium (Cd)	0.0017	0.0001	mg/L	12-JUL-06	MCHU	R418841		
Cobalt (Co)	0.005	0.002	mg/L	12-JUL-06	MCHU	R418841		

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L408312-2 200-3							
Sampled By: JM on 05-JUL-06							
Matrix: WATER							
Dissolved Metals - CCME							
Dissolved Trace Metals							
Chromium (Cr)	<0.005	0.005	mg/L	12-JUL-06	MCHU	R418841	
Copper (Cu)	0.003	0.001	mg/L	12-JUL-06	MCHU	R418841	
Mercury (Hg)	<0.0001	0.0001	mg/L	12-JUL-06	MCHU	R418841	
Lithium (Li)	0.009	0.003	mg/L	12-JUL-06	MCHU	R418841	
Molybdenum (Mo)	0.010	0.005	mg/L	12-JUL-06	MCHU	R418841	
Nickel (Ni)	0.015	0.002	mg/L	12-JUL-06	MCHU	R418841	
Lead (Pb)	0.0001	0.0001	mg/L	12-JUL-06	MCHU	R418841	
Antimony (Sb)	0.0013	0.0004	mg/L	12-JUL-06	MCHU	R418841	
Selenium (Se)	0.0005	0.0004	mg/L	17-JUL-06	HLA	R420482	
Tin (Sn)	<0.05	0.05	mg/L	12-JUL-06	MCHU	R418841	
Titanium (Ti)	0.001	0.001	mg/L	12-JUL-06	MCHU	R418841	
Thallium (Tl)	0.0002	0.0001	mg/L	12-JUL-06	MCHU	R418841	
Uranium (U)	0.0015	0.0001	mg/L	12-JUL-06	MCHU	R418841	
Vanadium (V)	0.003	0.001	mg/L	12-JUL-06	MCHU	R418841	
Zinc (Zn)	0.026	0.002	mg/L	12-JUL-06	MCHU	R418841	
Total Metals - CCME							
Total Major Metals							
Calcium (Ca)	152	0.5	mg/L	12-JUL-06	HAS	R418850	
Potassium (K)	24.1	0.1	mg/L	12-JUL-06	HAS	R418850	
Magnesium (Mg)	24.1	0.1	mg/L	12-JUL-06	HAS	R418850	
Sodium (Na)	1030	1	mg/L	12-JUL-06	HAS	R418850	
Iron (Fe)	0.268	0.005	mg/L	12-JUL-06	HAS	R418850	
Manganese (Mn)	0.840	0.001	mg/L	12-JUL-06	HAS	R418850	
Total Trace Metals							
Silver (Ag)	<0.0004	RAMB 0.0004	mg/L	12-JUL-06	MCHU	R418843	
Aluminum (Al)	0.18	0.01	mg/L	12-JUL-06	MCHU	R418843	
Arsenic (As)	0.0014	0.0004	mg/L	19-JUL-06	RA	R421141	
Boron (B)	0.07	0.05	mg/L	12-JUL-06	MCHU	R418843	
Barium (Ba)	0.196	0.003	mg/L	12-JUL-06	MCHU	R418843	
Beryllium (Be)	<0.001	0.001	mg/L	12-JUL-06	MCHU	R418843	
Cadmium (Cd)	0.0017	0.0002	mg/L	12-JUL-06	MCHU	R418843	
Cobalt (Co)	0.005	0.002	mg/L	12-JUL-06	MCHU	R418843	
Chromium (Cr)	<0.005	0.005	mg/L	12-JUL-06	MCHU	R418843	
Copper (Cu)	0.004	0.001	mg/L	12-JUL-06	MCHU	R418843	
Mercury (Hg)	<0.0002	0.0002	mg/L	12-JUL-06	MCHU	R418843	
Lithium (Li)	<0.01	0.01	mg/L	12-JUL-06	MCHU	R418843	
Molybdenum (Mo)	0.009	0.005	mg/L	12-JUL-06	MCHU	R418843	
Nickel (Ni)	0.015	0.002	mg/L	12-JUL-06	MCHU	R418843	
Lead (Pb)	0.0003	0.0001	mg/L	12-JUL-06	MCHU	R418843	
Antimony (Sb)	0.0006	0.0004	mg/L	12-JUL-06	MCHU	R418843	
Selenium (Se)	0.0007	0.0004	mg/L	20-JUL-06	HLA	R421536	
Tin (Sn)	<0.05	0.05	mg/L	12-JUL-06	MCHU	R418843	
Titanium (Ti)	0.009	0.001	mg/L	12-JUL-06	MCHU	R418843	
Thallium (Tl)	0.0004	0.0001	mg/L	12-JUL-06	MCHU	R418843	
Uranium (U)	0.0014	0.0001	mg/L	12-JUL-06	MCHU	R418843	
Vanadium (V)	<0.001	0.001	mg/L	12-JUL-06	MCHU	R418843	
Zinc (Zn)	0.026	0.004	mg/L	12-JUL-06	MCHU	R418843	
Alkalinity, Total (as CaCO3)							
Alkalinity, Total (as CaCO3)	54	5	mg/L	10-JUL-06	PTT	R418232	
Ammonia-N							
Ammonia-N	22.6	0.05	mg/L	12-JUL-06	KMY	R418715	

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L408312-2	200-3							
Sampled By:	JM on 05-JUL-06							
Matrix:	WATER							
Chloride (Cl)	1910		1	mg/L	08-JUL-06	WYA	R417502	
Conductivity (EC)	5170		0.2	uS/cm	10-JUL-06	PTT	R418232	
Nitrate-N	37.0		0.1	mg/L	07-JUL-06	SHC	R417430	
Nitrite-N	3.65		0.05	mg/L	07-JUL-06	SHC	R417430	
Sulphate (SO4)	136	RRV	0.5	mg/L	10-JUL-06	JWU	R418352	
Total Suspended Solids	<3		3	mg/L	10-JUL-06	SVG	R417905	
pH	7.7		0.1	pH	10-JUL-06	PTT	R418232	
L408312-3	200-4							
Sampled By:	JM on 05-JUL-06							
Matrix:	WATER							
Hardness								
Calcium (Ca)	18.9		0.5	mg/L	10-JUL-06	JWU	R417921	
Hardness (as CaCO3)	49			mg/L	11-JUL-06			
Magnesium (Mg)	3.6		0.1	mg/L	10-JUL-06	JWU	R417921	
Dissolved Metals - CCME								
Dissolved Major Metals								
Calcium (Ca)	15.3		0.5	mg/L	10-JUL-06	HAS	R418036	
Potassium (K)	2.0		0.1	mg/L	10-JUL-06	HAS	R418036	
Magnesium (Mg)	2.74		0.01	mg/L	10-JUL-06	HAS	R418036	
Sodium (Na)	36.1		0.5	mg/L	10-JUL-06	HAS	R418036	
Iron (Fe)	0.018		0.005	mg/L	10-JUL-06	HAS	R418036	
Manganese (Mn)	0.015		0.001	mg/L	10-JUL-06	HAS	R418036	
Dissolved Trace Metals								
Silver (Ag)	<0.0001	RAMB	0.0001	mg/L	12-JUL-06	MCHU	R418841	
Aluminum (Al)	0.02		0.01	mg/L	12-JUL-06	MCHU	R418841	
Arsenic (As)	<0.0004		0.0004	mg/L	12-JUL-06	MCHU	R418841	
Boron (B)	<0.05		0.05	mg/L	12-JUL-06	MCHU	R418841	
Barium (Ba)	0.024		0.003	mg/L	12-JUL-06	MCHU	R418841	
Beryllium (Be)	<0.001		0.001	mg/L	12-JUL-06	MCHU	R418841	
Cadmium (Cd)	<0.0001		0.0001	mg/L	12-JUL-06	MCHU	R418841	
Cobalt (Co)	<0.002		0.002	mg/L	12-JUL-06	MCHU	R418841	
Chromium (Cr)	<0.005		0.005	mg/L	12-JUL-06	MCHU	R418841	
Copper (Cu)	0.002		0.001	mg/L	12-JUL-06	MCHU	R418841	
Mercury (Hg)	<0.0001		0.0001	mg/L	12-JUL-06	MCHU	R418841	
Lithium (Li)	<0.003		0.003	mg/L	12-JUL-06	MCHU	R418841	
Molybdenum (Mo)	<0.005		0.005	mg/L	12-JUL-06	MCHU	R418841	
Nickel (Ni)	0.002		0.002	mg/L	12-JUL-06	MCHU	R418841	
Lead (Pb)	<0.0001		0.0001	mg/L	12-JUL-06	MCHU	R418841	
Antimony (Sb)	0.0007		0.0004	mg/L	12-JUL-06	MCHU	R418841	
Selenium (Se)	<0.0004		0.0004	mg/L	12-JUL-06	MCHU	R418841	
Tin (Sn)	<0.05		0.05	mg/L	12-JUL-06	MCHU	R418841	
Titanium (Ti)	<0.001		0.001	mg/L	12-JUL-06	MCHU	R418841	
Thallium (Tl)	0.0005		0.0001	mg/L	12-JUL-06	MCHU	R418841	
Uranium (U)	<0.0001		0.0001	mg/L	12-JUL-06	MCHU	R418841	
Vanadium (V)	0.001		0.001	mg/L	12-JUL-06	MCHU	R418841	
Zinc (Zn)	0.010		0.002	mg/L	12-JUL-06	MCHU	R418841	
Total Metals - CCME								
Total Major Metals								
Calcium (Ca)	17.2		0.5	mg/L	12-JUL-06	HAS	R418850	
Potassium (K)	1.9		0.1	mg/L	12-JUL-06	HAS	R418850	

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L408312-3	200-4						
Sampled By:	JM on 05-JUL-06						
Matrix:	WATER						
Total Metals - CCME							
Total Major Metals							
Magnesium (Mg)	3.2	0.1	mg/L	12-JUL-06	HAS	R418850	
Sodium (Na)	36	1	mg/L	12-JUL-06	HAS	R418850	
Iron (Fe)	0.055	0.005	mg/L	12-JUL-06	HAS	R418850	
Manganese (Mn)	0.023	0.001	mg/L	12-JUL-06	HAS	R418850	
Total Trace Metals							
Silver (Ag)	<0.0004	0.0004	mg/L	12-JUL-06	MCHU	R418843	
Aluminum (Al)	0.04	0.01	mg/L	12-JUL-06	MCHU	R418843	
Arsenic (As)	0.0007	0.0004	mg/L	12-JUL-06	MCHU	R418843	
Boron (B)	<0.05	0.05	mg/L	12-JUL-06	MCHU	R418843	
Barium (Ba)	0.022	0.003	mg/L	12-JUL-06	MCHU	R418843	
Beryllium (Be)	<0.001	0.001	mg/L	12-JUL-06	MCHU	R418843	
Cadmium (Cd)	<0.0002	0.0002	mg/L	12-JUL-06	MCHU	R418843	
Cobalt (Co)	<0.002	0.002	mg/L	12-JUL-06	MCHU	R418843	
Chromium (Cr)	<0.005	0.005	mg/L	12-JUL-06	MCHU	R418843	
Copper (Cu)	0.011	0.001	mg/L	12-JUL-06	MCHU	R418843	
Mercury (Hg)	<0.0002	0.0002	mg/L	12-JUL-06	MCHU	R418843	
Lithium (Li)	<0.01	0.01	mg/L	12-JUL-06	MCHU	R418843	
Molybdenum (Mo)	<0.005	0.005	mg/L	12-JUL-06	MCHU	R418843	
Nickel (Ni)	0.003	0.002	mg/L	12-JUL-06	MCHU	R418843	
Lead (Pb)	<0.0001	0.0001	mg/L	12-JUL-06	MCHU	R418843	
Antimony (Sb)	<0.0004	0.0004	mg/L	12-JUL-06	MCHU	R418843	
Selenium (Se)	0.0020	0.0004	mg/L	12-JUL-06	MCHU	R418843	
Tin (Sn)	<0.05	0.05	mg/L	12-JUL-06	MCHU	R418843	
Titanium (Ti)	0.001	0.001	mg/L	12-JUL-06	MCHU	R418843	
Thallium (Tl)	0.0004	0.0001	mg/L	12-JUL-06	MCHU	R418843	
Uranium (U)	<0.0001	0.0001	mg/L	12-JUL-06	MCHU	R418843	
Vanadium (V)	<0.001	0.001	mg/L	12-JUL-06	MCHU	R418843	
Zinc (Zn)	0.012	0.004	mg/L	12-JUL-06	MCHU	R418843	
Alkalinity, Total (as CaCO ₃)	6	5	mg/L	10-JUL-06	PTT	R418232	
Ammonia-N	0.71	0.05	mg/L	12-JUL-06	KMY	R418715	
Chloride (Cl)	72	1	mg/L	08-JUL-06	WYA	R417502	
Conductivity (EC)	312	0.2	uS/cm	10-JUL-06	PTT	R418232	
Nitrate-N	3.4	0.1	mg/L	07-JUL-06	SHC	R417430	
Nitrite-N	<0.05	0.05	mg/L	07-JUL-06	SHC	R417430	
Sulphate (SO ₄)	24.2	0.5	mg/L	10-JUL-06	JWU	R418352	
Total Suspended Solids	<3	3	mg/L	10-JUL-06	SVG	R417905	
pH	6.9	0.1	pH	10-JUL-06	PTT	R418232	
L408312-4	200-5						
Sampled By:	JM on 05-JUL-06						
Matrix:	WATER						
Hardness							
Calcium (Ca)	2.3	0.5	mg/L	10-JUL-06	JWU	R417921	
Hardness (as CaCO ₃)	8		mg/L	11-JUL-06			
Magnesium (Mg)	1.1	0.1	mg/L	10-JUL-06	JWU	R417921	
Dissolved Metals - CCME							
Dissolved Major Metals							
Calcium (Ca)	1.9	0.5	mg/L	10-JUL-06	HAS	R418036	
Potassium (K)	0.5	0.1	mg/L	10-JUL-06	HAS	R418036	

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L408312-4 200-5							
Sampled By: JM on 05-JUL-06							
Matrix: WATER							
Dissolved Metals - CCME							
Dissolved Major Metals							
Magnesium (Mg)	0.88	0.01	mg/L	10-JUL-06	HAS	R418036	
Sodium (Na)	1.1	0.5	mg/L	10-JUL-06	HAS	R418036	
Iron (Fe)	0.007	0.005	mg/L	10-JUL-06	HAS	R418036	
Manganese (Mn)	0.002	0.001	mg/L	10-JUL-06	HAS	R418036	
Dissolved Trace Metals							
Silver (Ag)	<0.0001	RAMB 0.0001	mg/L	12-JUL-06	MCHU	R418841	
Aluminum (Al)	0.02	0.01	mg/L	12-JUL-06	MCHU	R418841	
Arsenic (As)	<0.0004	0.0004	mg/L	12-JUL-06	MCHU	R418841	
Boron (B)	<0.05	0.05	mg/L	12-JUL-06	MCHU	R418841	
Barium (Ba)	0.005	0.003	mg/L	12-JUL-06	MCHU	R418841	
Beryllium (Be)	<0.001	0.001	mg/L	12-JUL-06	MCHU	R418841	
Cadmium (Cd)	<0.0001	0.0001	mg/L	12-JUL-06	MCHU	R418841	
Cobalt (Co)	<0.002	0.002	mg/L	12-JUL-06	MCHU	R418841	
Chromium (Cr)	<0.005	0.005	mg/L	12-JUL-06	MCHU	R418841	
Copper (Cu)	0.002	0.001	mg/L	12-JUL-06	MCHU	R418841	
Mercury (Hg)	<0.0001	0.0001	mg/L	12-JUL-06	MCHU	R418841	
Lithium (Li)	<0.003	0.003	mg/L	12-JUL-06	MCHU	R418841	
Molybdenum (Mo)	<0.005	0.005	mg/L	12-JUL-06	MCHU	R418841	
Nickel (Ni)	<0.002	0.002	mg/L	12-JUL-06	MCHU	R418841	
Lead (Pb)	<0.0001	0.0001	mg/L	12-JUL-06	MCHU	R418841	
Antimony (Sb)	0.0006	0.0004	mg/L	12-JUL-06	MCHU	R418841	
Selenium (Se)	<0.0004	0.0004	mg/L	12-JUL-06	MCHU	R418841	
Tin (Sn)	<0.05	0.05	mg/L	12-JUL-06	MCHU	R418841	
Titanium (Ti)	<0.001	0.001	mg/L	12-JUL-06	MCHU	R418841	
Thallium (Tl)	<0.0001	0.0001	mg/L	12-JUL-06	MCHU	R418841	
Uranium (U)	<0.0001	0.0001	mg/L	12-JUL-06	MCHU	R418841	
Vanadium (V)	<0.001	0.001	mg/L	12-JUL-06	MCHU	R418841	
Zinc (Zn)	<0.002	0.002	mg/L	10-JUL-06	HAS	R418036	
Total Metals - CCME							
Total Major Metals							
Calcium (Ca)	2.0	0.5	mg/L	10-JUL-06	HAS	R418037	
Potassium (K)	0.4	0.1	mg/L	10-JUL-06	HAS	R418037	
Magnesium (Mg)	1.0	0.1	mg/L	10-JUL-06	HAS	R418037	
Sodium (Na)	<1	1	mg/L	10-JUL-06	HAS	R418037	
Iron (Fe)	0.012	0.005	mg/L	10-JUL-06	HAS	R418037	
Manganese (Mn)	0.002	0.001	mg/L	10-JUL-06	HAS	R418037	
Total Trace Metals							
Silver (Ag)	<0.0004	0.0004	mg/L	11-JUL-06	MCHU	R418843	
Aluminum (Al)	0.02	0.01	mg/L	11-JUL-06	MCHU	R418843	
Arsenic (As)	<0.0004	0.0004	mg/L	11-JUL-06	MCHU	R418843	
Boron (B)	<0.05	0.05	mg/L	11-JUL-06	MCHU	R418843	
Barium (Ba)	<0.003	0.003	mg/L	11-JUL-06	MCHU	R418843	
Beryllium (Be)	<0.001	0.001	mg/L	11-JUL-06	MCHU	R418843	
Cadmium (Cd)	<0.0002	0.0002	mg/L	11-JUL-06	MCHU	R418843	
Cobalt (Co)	<0.002	0.002	mg/L	11-JUL-06	MCHU	R418843	
Chromium (Cr)	<0.005	0.005	mg/L	11-JUL-06	MCHU	R418843	
Copper (Cu)	0.002	0.001	mg/L	11-JUL-06	MCHU	R418843	
Mercury (Hg)	<0.0002	0.0002	mg/L	11-JUL-06	MCHU	R418843	
Lithium (Li)	<0.01	0.01	mg/L	11-JUL-06	MCHU	R418843	
Molybdenum (Mo)	<0.005	0.005	mg/L	11-JUL-06	MCHU	R418843	
Nickel (Ni)	<0.002	0.002	mg/L	11-JUL-06	MCHU	R418843	

ALS LABORATORY GROUP ANALYTICAL REPORT

L408312-4 200-5							
Sampled By: JM on 05-JUL-06							
Matrix: WATER							
Total Metals - CCME							
Total Trace Metals							
Lead (Pb)	<0.0001	0.0001	mg/L	11-JUL-06	MCHU	R418843	
Antimony (Sb)	<0.0004	0.0004	mg/L	11-JUL-06	MCHU	R418843	
Selenium (Se)	<0.0004	0.0004	mg/L	11-JUL-06	MCHU	R418843	
Tin (Sn)	<0.05	0.05	mg/L	11-JUL-06	MCHU	R418843	
Titanium (Ti)	<0.001	0.001	mg/L	11-JUL-06	MCHU	R418843	
Thallium (Tl)	<0.0001	0.0001	mg/L	11-JUL-06	MCHU	R418843	
Uranium (U)	<0.0001	0.0001	mg/L	11-JUL-06	MCHU	R418843	
Vanadium (V)	<0.001	0.001	mg/L	11-JUL-06	MCHU	R418843	
Zinc (Zn)	<0.004	0.004	mg/L	11-JUL-06	MCHU	R418843	
Alkalinity, Total (as CaCO3)	<5	5	mg/L	10-JUL-06	PTT	R418232	
Ammonia-N	<0.05	0.05	mg/L	12-JUL-06	KMY	R418715	
Chloride (Cl)	3	1	mg/L	08-JUL-06	WYA	R417502	
Conductivity (EC)	28.8	0.2	uS/cm	10-JUL-06	PTT	R418232	
Nitrate-N	<0.1	0.1	mg/L	07-JUL-06	SHC	R417430	
Nitrite-N	<0.05	0.05	mg/L	07-JUL-06	SHC	R417430	
Sulphate (SO4)	4.8	0.5	mg/L	10-JUL-06	JWU	R418352	
Total Suspended Solids	<3	3	mg/L	10-JUL-06	SVG	R417905	
pH	6.8	0.1	pH	10-JUL-06	PTT	R418232	
L408312-5 200-5A							
Sampled By: JM on 05-JUL-06							
Matrix: WATER							
Hardness							
Calcium (Ca)	16.6	0.5	mg/L	10-JUL-06	JWU	R417921	
Hardness (as CaCO3)	51		mg/L	11-JUL-06			
Magnesium (Mg)	4.3	0.1	mg/L	10-JUL-06	JWU	R417921	
Dissolved Metals - CCME							
Dissolved Major Metals							
Calcium (Ca)	14.5	0.5	mg/L	10-JUL-06	HAS	R418036	
Potassium (K)	1.8	0.1	mg/L	10-JUL-06	HAS	R418036	
Magnesium (Mg)	3.53	0.01	mg/L	10-JUL-06	HAS	R418036	
Sodium (Na)	31.3	0.5	mg/L	10-JUL-06	HAS	R418036	
Iron (Fe)	0.015	0.005	mg/L	10-JUL-06	HAS	R418036	
Manganese (Mn)	0.018	0.001	mg/L	10-JUL-06	HAS	R418036	
Dissolved Trace Metals							
Silver (Ag)	<0.0001	0.0001	mg/L	12-JUL-06	MCHU	R418841	
Aluminum (Al)	0.10	0.01	mg/L	12-JUL-06	MCHU	R418841	
Arsenic (As)	<0.0004	0.0004	mg/L	12-JUL-06	MCHU	R418841	
Boron (B)	<0.05	0.05	mg/L	12-JUL-06	MCHU	R418841	
Barium (Ba)	0.045	0.003	mg/L	12-JUL-06	MCHU	R418841	
Beryllium (Be)	<0.001	0.001	mg/L	12-JUL-06	MCHU	R418841	
Cadmium (Cd)	0.0002	0.0001	mg/L	12-JUL-06	MCHU	R418841	
Cobalt (Co)	<0.002	0.002	mg/L	12-JUL-06	MCHU	R418841	
Chromium (Cr)	<0.005	0.005	mg/L	12-JUL-06	MCHU	R418841	
Copper (Cu)	0.002	0.001	mg/L	12-JUL-06	MCHU	R418841	
Mercury (Hg)	<0.0001	0.0001	mg/L	12-JUL-06	MCHU	R418841	
Lithium (Li)	<0.003	0.003	mg/L	12-JUL-06	MCHU	R418841	
Molybdenum (Mo)	<0.005	0.005	mg/L	12-JUL-06	MCHU	R418841	
Nickel (Ni)	0.004	0.002	mg/L	12-JUL-06	MCHU	R418841	

ALS LABORATORY GROUP ANALYTICAL REPORT

L408312-5 200-5A							
Sampled By: JM on 05-JUL-06							
Matrix: WATER							
Dissolved Metals - CCME							
Dissolved Trace Metals							
Lead (Pb)	0.0002	0.0001	mg/L	12-JUL-06	MCHU	R418841	
Antimony (Sb)	0.0006	0.0004	mg/L	12-JUL-06	MCHU	R418841	
Selenium (Se)	<0.0004	0.0004	mg/L	12-JUL-06	MCHU	R418841	
Tin (Sn)	<0.05	0.05	mg/L	12-JUL-06	MCHU	R418841	
Titanium (Ti)	<0.001	0.001	mg/L	12-JUL-06	MCHU	R418841	
Thallium (Tl)	0.0001	0.0001	mg/L	12-JUL-06	MCHU	R418841	
Uranium (U)	0.0002	0.0001	mg/L	12-JUL-06	MCHU	R418841	
Vanadium (V)	0.001	0.001	mg/L	12-JUL-06	MCHU	R418841	
Zinc (Zn)	0.017	0.002	mg/L	12-JUL-06	MCHU	R418841	
Total Metals - CCME							
Total Major Metals							
Calcium (Ca)	15.5	0.5	mg/L	10-JUL-06	HAS	R418037	
Potassium (K)	1.6	0.1	mg/L	10-JUL-06	HAS	R418037	
Magnesium (Mg)	3.9	0.1	mg/L	10-JUL-06	HAS	R418037	
Sodium (Na)	30	1	mg/L	10-JUL-06	HAS	R418037	
Iron (Fe)	0.018	0.005	mg/L	10-JUL-06	HAS	R418037	
Manganese (Mn)	0.019	0.001	mg/L	10-JUL-06	HAS	R418037	
Total Trace Metals							
Silver (Ag)	<0.0004	0.0004	mg/L	11-JUL-06	MCHU	R418843	
Aluminum (Al)	0.12	0.01	mg/L	11-JUL-06	MCHU	R418843	
Arsenic (As)	<0.0004	0.0004	mg/L	11-JUL-06	MCHU	R418843	
Boron (B)	<0.05	0.05	mg/L	11-JUL-06	MCHU	R418843	
Barium (Ba)	0.042	0.003	mg/L	11-JUL-06	MCHU	R418843	
Beryllium (Be)	<0.001	0.001	mg/L	11-JUL-06	MCHU	R418843	
Cadmium (Cd)	<0.0002	0.0002	mg/L	11-JUL-06	MCHU	R418843	
Cobalt (Co)	<0.002	0.002	mg/L	11-JUL-06	MCHU	R418843	
Chromium (Cr)	<0.005	0.005	mg/L	11-JUL-06	MCHU	R418843	
Copper (Cu)	0.002	0.001	mg/L	11-JUL-06	MCHU	R418843	
Mercury (Hg)	<0.0002	0.0002	mg/L	11-JUL-06	MCHU	R418843	
Lithium (Li)	<0.01	0.01	mg/L	11-JUL-06	MCHU	R418843	
Molybdenum (Mo)	<0.005	0.005	mg/L	11-JUL-06	MCHU	R418843	
Nickel (Ni)	0.004	0.002	mg/L	11-JUL-06	MCHU	R418843	
Lead (Pb)	0.0002	0.0001	mg/L	11-JUL-06	MCHU	R418843	
Antimony (Sb)	<0.0004	0.0004	mg/L	11-JUL-06	MCHU	R418843	
Selenium (Se)	<0.0004	0.0004	mg/L	11-JUL-06	MCHU	R418843	
Tin (Sn)	<0.05	0.05	mg/L	11-JUL-06	MCHU	R418843	
Titanium (Ti)	<0.001	0.001	mg/L	11-JUL-06	MCHU	R418843	
Thallium (Tl)	<0.0001	0.0001	mg/L	11-JUL-06	MCHU	R418843	
Uranium (U)	0.0002	0.0001	mg/L	11-JUL-06	MCHU	R418843	
Vanadium (V)	<0.001	0.001	mg/L	11-JUL-06	MCHU	R418843	
Zinc (Zn)	0.015	0.004	mg/L	11-JUL-06	MCHU	R418843	
Alkalinity, Total (as CaCO3)							
Alkalinity, Total (as CaCO3)	<5	5	mg/L	10-JUL-06	PTT	R418232	
Ammonia-N	<0.05	0.05	mg/L	12-JUL-06	KMY	R418715	
Chloride (Cl)	63	1	mg/L	08-JUL-06	WYA	R417502	
Conductivity (EC)	274	0.2	uS/cm	10-JUL-06	PTT	R418232	
Nitrate-N	3.3	0.1	mg/L	07-JUL-06	SHC	R417430	
Nitrite-N	<0.05	0.05	mg/L	07-JUL-06	SHC	R417430	
Sulphate (SO4)	21.7	0.5	mg/L	10-JUL-06	JWU	R418352	
Total Suspended Solids	<3	3	mg/L	10-JUL-06	SVG	R417905	

ALS LABORATORY GROUP ANALYTICAL REPORT

L408312-5 200-5A
Sampled By: JM on 05-JUL-06
Matrix: WATER

pH

6.6

0.1

pH

10-JUL-06

PTT

R418232

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

Reference Information

Sample Parameter Qualifier key listed:

Qualifier	Description
RAMB	Result Adjusted For Method Blank
RRV	Reported Result Verified By Repeat Analysis

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Preparation Method Reference(Based On)	Analytical Method Reference(Based On)
ALK-TOT-ED	Water	Alkalinity, Total		APHA 2320 B-Auto-Pot. Titration
CA-ED	Water	Calcium (Ca)		APHA 3120 B-ICP-OES
CL-ED	Water	Chloride (Cl)		APHA 4500 Cl E-Colorimetry
EC-ED	Water	Conductivity (EC)		APHA 2510 B-electrode
ETL-HARDNESS-ROU-ED	Water	Hardness (from Routine Ca and Mg)		APHA 2340 B-Calculation
MET1-DIS-CCME-ED	Water	Dissolved Trace Metals		EPA 6020
MET1-TOT-CCME-ED	Water	Total Trace Metals	EPA3015	EPA 6020
MET2-DIS-ED	Water	Dissolved Major Metals		EPA 200.7
MET2-TOT-LOW-ED	Water	Total Major Metals	EPA3015	EPA 200.7
MG-ED	Water	Magnesium (Mg)		APHA 3120 B-ICP-OES
NH4-ED	Water	Ammonia-N		APHA4500NH3F Colorimetry
NO2-ED	Water	Nitrite-N		APHA 4500 NO2B-Colorimetry
NO3-ED	Water	Nitrate-N		APHA 4500 NO3H-Colorimetry
PH-ED	Water	pH		APHA 4500 H-Electrode
SO4-ED	Water	Sulfate (SO4)		APHA 4110 B-Ion Chromatography
SOLIDS-TOTSUS-ED	Water	Total Suspended Solids		APHA 2540 D-Gravimetric

** Laboratory Methods employed follow in-house procedures, which are generally based on nationally or internationally accepted methodologies.

Chain of Custody numbers:

74500

The last two letters of the above test code(s) indicate the laboratory that performed analytical analysis for that test. Refer to the list below:

Laboratory Definition Code	Laboratory Location	Laboratory Definition Code	Laboratory Location
ED	ALS LABORATORY GROUP - EDMONTON, ALBERTA, CANADA		

Reference Information

GLOSSARY OF REPORT TERMS

Surr - A surrogate is an organic compound that is similar to the target analyte(s) in chemical composition and behavior but not normally detected in environmental samples. Prior to sample processing, samples are fortified with one or more surrogate compounds. The reported surrogate recovery value provides a measure of method efficiency. The Laboratory control limits are determined under column heading D.L.

mg/kg (units) - unit of concentration based on mass, parts per million.

mg/L (units) - unit of concentration based on volume, parts per million.

< - Less than.

D.L. - The reporting limit.

N/A - Result not available. Refer to qualifier code and definition for explanation.

Test results reported relate only to the samples as received by the laboratory.

UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.

UNLESS OTHERWISE STATED, SAMPLES ARE NOT CORRECTED FOR CLIENT FIELD BLANKS.

Although test results are generated under strict QA/QC protocols, any unsigned test reports, faxes, or emails are considered preliminary.

ALS Laboratory Group has an extensive QA/QC program where all analytical data reported is analyzed using approved referenced procedures followed by checks and reviews by senior managers and quality assurance personnel. However, since the results are obtained from chemical measurements and thus cannot be guaranteed, ALS Laboratory Group assumes no liability for the use or interpretation of the results.