



July 15, 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 – JUNE 2006 SNP SAMPLING RESULTS

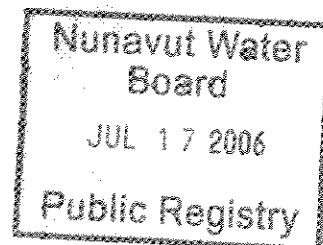
Pursuant to Schedule I – Part D, Item 1 of the above note license, and the Interim Water Management Plan requirements, find enclosed the analytical results for the water samples collected during June 2006, including a summary of results to date for comparison.

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
Date									
pH	6.5 - 9.0			24-May-06	31-May-06	7-Jun-06	14-Jun-06	21-Jun-06	28-Jun-06
Nitrate	13			6.88	8.29	6.7	7.3	7	6.8
Nitrite	0.06			1.31	0.229	0.7	1.4	0.7	0.3
Ammonia (as N)	12.24			0.0635	0.0165	<0.05	<0.05	0.09	<0.05
Total Suspended Solids	25			0.186	0.19	0.19	1.53	0.52	0.16
Sulphate				9.1	5.8	4	<3	13	9
Chloride				5.6	4.96	10.8	26.6	14.6	3.9
Metals (Total)				8.96	3.51	8	35	17	3
Total Aluminium	0.1			0.443	0.248	0.44	0.2	0.38	0.16
Total Arsenic	0.005		1	0.00314	0.00113	0.0012	0.0021	0.0018	0.0006
Total Cadmium	0.000017			0.000355	0.000613	0.0003	<0.0002	<0.0002	0.0002
Total Chromium	0.001			<0.001	<0.001	<0.005	<0.005	<0.005	<0.005
Total Copper	0.002 - 0.004		0.6	0.0049	0.0031	0.003	0.004	0.008	0.008
Total Lead	0.001 - 0.007		0.4	0.00655	0.00158	0.001	0.0007	0.0039	0.0015
Total Nickel	0.025-0.15		1	0.0018	0.0013	<0.002	<0.002	<0.002	<0.002
Total Zinc	0.03		1	0.0791	0.0166	0.014	0.008	0.026	0.024

results exceed Licence Limits

italics

results exceed CCME Aquatic Life Guidelines

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
Date			24-May-06	31-May-06	7-Jun-06	14-Jun-06	21-Jun-06	28-Jun-06
pH			7.64	7.59	1.7	7.8	7.6	7.7
Nitrate	13		0.412	0.946	17.7	34.2	21.6	17.6
Nitrite	0.06		0.0245	9.95	0.48	2.36	1.49	2.07
Ammonia (as N)	12.24		0.055	2.99	6.1	80.3	7.17	9.17
Total Suspended Solids	25		7.1	6.5	<3	<3	4	<3
Sulphate			33.9	55.5	1660	117	79.5	68.6
Chloride			33.9	105	267	666	322	291
Metals (Total)								
Total Aluminium	0.1		0.298	0.317	0.1	0.08	0.04	0.013
Total Arsenic	0.005	1	<0.00482	0.00199	0.0018	0.0014	0.0006	0.0018
Total Cadmium	0.000017		0.0000520	0.000149	<0.0002	0.0004	<0.0002	0.0010
Total Chromium	0.001		0.0016	<0.0010	<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
Total Lead	0.001 - 0.007	0.4	0.00063	0.00084	0.0002	0.0002	<0.0001	0.0003
Total Nickel	0.025-0.15	1	0.0016	0.0052	0.004	0.006	0.002	0.011
Total Zinc	0.03	1	<0.005	0.0099	0.01	0.039	0.005	0.061

Indicators

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
Date			24-May-06	31-May-06	7-Jun-06	14-Jun-06	21-Jun-06	28-Jun-06
pH			7	7.82	6.9	7.2	7	7.1
Nitrate	13		0.175	0.193	1.2	1.6	2.1	2.7
Nitrite	0.06		0.0011	0.0018	<0.05	<0.05	<0.	<0.05
Ammonia (as N)	12.24		0.089	0.028	0.26	0.31	<0.05	0.47
Total Suspended Solids	25		<3	<3	3	<3	5	<3
Sulphate			12.7	10.9	19.7	17.8	18.6	20.4
Chloride			7.48	7.56	29	34	47	53
Metals (Total)								
Total Aluminium	0.1		0.082	0.0667	0.07	0.05	0.04	0.04
Total Arsenic	0.005	1	<0.0005	<0.0005	<0.0004	<0.0004	0.0005	0.0004
Total Cadmium	0.000017		0.000051	0.000033	<0.0002	<0.0002	<0.0002	<0.0002
Total Chromium	0.001		<0.001	<0.001	<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
Total Lead	0.001 - 0.007	0.4	<0.0005	<0.0005	<0.0001	<0.0001	<0.0001	0.0001
Total Nickel	0.025-0.15	1	0.0026	0.0022	0.002	<0.002	0.002	0.002
Total Zinc	0.03	1	0.0074	0.0054	0.006	0.007	0.007	0.005

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
Date			24-May-06	31-May-06	7-Jun-06	14-Jun-06	21-Jun-06	28-Jun-06
pH			6.9	7.48	6.6	6.9	6.7	6.8
Nitrate	13		0.271	0.2	1.3	1.7	1.8	2.3
Nitrite	0.06		0.0011	<0.001	<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
Total Suspended Solids	25		<3	<3	<3	<3	3	<3
Sulphate			12.9	10.8	19.6	18	16.7	18.6
Chloride			7.87	7.57	29	32	37	43
Metals (Total)								
Total Aluminium	0.1		0.0582	0.0656	0.07	0.06	0.1	0.11
Total Arsenic	0.005	1	<0.0005	<0.0005	<0.0004	<0.0004	<0.0004	<0.0004
Total Cadmium	0.000017		0.000044	0.000027	<0.0002	<0.0002	<0.0002	0.0002000
Total Chromium	0.001		<0.001	<0.001	<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
Total Lead	0.001 - 0.007	0.4	<0.0005	<0.0005	0.0002	<0.0001	<0.0001	<0.0001
Total Nickel	0.025-0.15	1	0.0017	0.0017	0.002	0.002	0.003	0.003
Total Zinc	0.03	1	0.0054	0.0051	0.012	0.016	0.01	0.043

Notes 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
Date			24-May-06	31-May-06	7-Jun-06	14-Jun-06	21-Jun-06	28-Jun-06
pH			6.75	6.76	6.6	6.9	6.9	6.9
Nitrate	13		0.0251	0.013	<0.1	<0.1	<0.1	<0.1
Nitrite	0.06		<0.001	<0.001	<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
Total Suspended Solids	25		<3	<3	<3	4	4	<3
Sulphate			3.56	2.66	3.5	5.4	4.2	4.4
Chloride			1.55	0.66	2	4	3	2
Metals (Total)								
Total Aluminium	0.1		0.0391	0.0534	0.05	0.04	0.04	0.03
Total Arsenic	0.005	1	<0.0005	<0.0005	<0.0004	<0.0004	<0.0004	<0.0004
Total Cadmium	0.000017		0.000035	0.000022	<0.0002	<0.0002	<0.0002	<0.0002
Total Chromium	0.001		<0.001	<0.001	<0.005	<0.005	<0.005	<0.0002
Total Copper	0.002 - 0.004	0.6	0.0018	0.0028	0.003	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
Total Nickel	0.025-0.15	1	0.0041	0.0031	<0.002	0.002	0.002	<0.0001
Total Zinc	0.03	1	0.0119	0.009	0.007	0.009	<0.004	0.012

Indices

results exceed Licence Limits
results exceed CCME Aquatic Life Guidelines



Environmental Division

PRELIMINARY RESULTS

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

Report On: 16-JUN-06 05:52 PM

Lab Work Order #: L398058

Date Received: 09-JUN-06

Project P.O. #:
Job Reference: ULU
Legal Site Desc:
CofC Numbers: 38466

Comments:

DOUG JOHNSON
Director of Operations, Edmonton

ERIN ANDERSON
Account Manager

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



ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L398058-1	200-2								
Sample By:	DAVE STEVENSON on 07-JUN-06								
Matrix:	WATER								
Hardness									
Calcium (Ca)		5.1		0.5	mg/L		12-JUN-06	MLH	R408442
Hardness (as CaCO3)		18			mg/L		13-JUN-06		
Magnesium (Mg)		1.3		0.1	mg/L		12-JUN-06	MLH	R408442
Dissolved Metals - CCME									
Dissolved Major Metals									
Calcium (Ca)		5.4		0.5	mg/L		13-JUN-06	HAS	R409408
Potassium (K)		0.8		0.1	mg/L		13-JUN-06	HAS	R409408
Magnesium (Mg)		1.21		0.01	mg/L		13-JUN-06	HAS	R409408
Sodium (Na)		4.1		0.5	mg/L		13-JUN-06	HAS	R409408
Iron (Fe)		0.205		0.005	mg/L		13-JUN-06	HAS	R409408
Manganese (Mn)		0.029		0.001	mg/L		13-JUN-06	HAS	R409408
Dissolved Trace Metals									
Silver (Ag)		<0.0001		0.0001	mg/L		12-JUN-06	QLI	R408514
Aluminum (Al)		0.14		0.01	mg/L		12-JUN-06	QLI	R408514
Arsenic (As)		0.0009		0.0004	mg/L		12-JUN-06	QLI	R408514
Boron (B)		<0.05		0.05	mg/L		12-JUN-06	QLI	R408514
Barium (Ba)		0.005		0.003	mg/L		12-JUN-06	QLI	R408514
Beryllium (Be)		<0.001		0.001	mg/L		12-JUN-06	QLI	R408514
Cadmium (Cd)		0.0003		0.0001	mg/L		12-JUN-06	QLI	R408514
Cobalt (Co)		<0.002		0.002	mg/L		12-JUN-06	QLI	R408514
Chromium (Cr)		<0.005		0.005	mg/L		12-JUN-06	QLI	R408514
Copper (Cu)		0.003		0.001	mg/L		12-JUN-06	QLI	R408514
Mercury (Hg)		<0.0001		0.0001	mg/L		12-JUN-06	QLI	R408514
Lithium (Li)		<0.003		0.003	mg/L		12-JUN-06	QLI	R408514
Molybdenum (Mo)		<0.005		0.005	mg/L		12-JUN-06	QLI	R408514
Nickel (Ni)		<0.002		0.002	mg/L		12-JUN-06	QLI	R408514
Lead (Pb)		0.0012		0.0001	mg/L		12-JUN-06	QLI	R408514
Antimony (Sb)		0.0006		0.0004	mg/L		12-JUN-06	QLI	R408514
Selenium (Se)		<0.0004		0.0004	mg/L		12-JUN-06	QLI	R408514
Tin (Sn)		<0.05		0.05	mg/L		12-JUN-06	QLI	R408514
Titanium (Ti)		0.005		0.001	mg/L		12-JUN-06	QLI	R408514
Thallium (Tl)		<0.0001		0.0001	mg/L		12-JUN-06	QLI	R408514
Uranium (U)		0.0002		0.0001	mg/L		12-JUN-06	QLI	R408514
Vanadium (V)		0.001		0.001	mg/L		12-JUN-06	QLI	R408514
Zinc (Zn)		0.015		0.002	mg/L		12-JUN-06	QLI	R408514
Total Metals - CCME									
Total Major Metals									
Calcium (Ca)		5.3		0.5	mg/L		12-JUN-06	HAS	R408518
Potassium (K)		0.7		0.1	mg/L		12-JUN-06	HAS	R408518
Magnesium (Mg)		1.3		0.1	mg/L		12-JUN-06	HAS	R408518
Sodium (Na)		4		1	mg/L		12-JUN-06	HAS	R408518
Iron (Fe)		0.538		0.005	mg/L		12-JUN-06	HAS	R408518
Manganese (Mn)		0.030		0.001	mg/L		12-JUN-06	HAS	R408518
Total Trace Metals									
Silver (Ag)		<0.0004		0.0004	mg/L		12-JUN-06	QLI	R408513
Aluminum (Al)		0.44		0.01	mg/L		12-JUN-06	QLI	R408513
Arsenic (As)		0.0012		0.0004	mg/L		12-JUN-06	QLI	R408513
Boron (B)		<0.05		0.05	mg/L		12-JUN-06	QLI	R408513
Barium (Ba)		0.005		0.003	mg/L		12-JUN-06	QLI	R408513
Beryllium (Be)		<0.001		0.001	mg/L		12-JUN-06	QLI	R408513
Cadmium (Cd)		0.0003		0.0002	mg/L		12-JUN-06	QLI	R408513

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L398058-1	200-2								
Sample By:	DAVE STEVENSON on 07-JUN-06								
Matrix:	WATER								
Total Metals - CCME									
Total Trace Metals									
Cobalt (Co)	<0.002		0.002	mg/L		12-JUN-06	QLI	R408513	
Chromium (Cr)	<0.005		0.005	mg/L		12-JUN-06	QLI	R408513	
Copper (Cu)	0.003		0.001	mg/L		12-JUN-06	QLI	R408513	
Mercury (Hg)	<0.0002		0.0002	mg/L		12-JUN-06	QLI	R408513	
Lithium (Li)	<0.01		0.01	mg/L		12-JUN-06	QLI	R408513	
Molybdenum (Mo)	<0.005		0.005	mg/L		12-JUN-06	QLI	R408513	
Nickel (Ni)	<0.002		0.002	mg/L		12-JUN-06	QLI	R408513	
Lead (Pb)	0.0010		0.0001	mg/L		12-JUN-06	QLI	R408513	
Antimony (Sb)	0.0007		0.0004	mg/L		12-JUN-06	QLI	R408513	
Selenium (Se)	0.0008		0.0004	mg/L		12-JUN-06	QLI	R408513	
Tin (Sn)	<0.05		0.05	mg/L		12-JUN-06	QLI	R408513	
Titanium (Ti)	0.020		0.001	mg/L		12-JUN-06	QLI	R408513	
Thallium (Tl)	<0.0001		0.0001	mg/L		12-JUN-06	QLI	R408513	
Uranium (U)	0.0002		0.0001	mg/L		12-JUN-06	QLI	R408513	
Vanadium (V)	0.002		0.001	mg/L		12-JUN-06	QLI	R408513	
Zinc (Zn)	0.014		0.004	mg/L		12-JUN-06	QLI	R408513	
Alkalinity, Total (as CaCO3)									
Ammonia-N	<5		5	mg/L		10-JUN-06	TL	R408059	
Chloride (Cl)	0.19		0.05	mg/L		12-JUN-06	KMY	R408434	
Conductivity (EC)	8		1	mg/L		12-JUN-06	WYA	R408499	
Nitrate-N	70.2		0.2	uS/cm		10-JUN-06	TL	R408059	
Nitrite-N	0.7		0.1	mg/L		12-JUN-06	SEL	R408419	
Sulphate (SO4)	<0.05		0.05	mg/L		12-JUN-06	SEL	R408419	
Total Suspended Solids	10.8		0.5	mg/L		13-JUN-06	JTV	R407362	
pH	4		3	mg/L		13-JUN-06	SVG	R408837	
	6.7		0.1	pH		10-JUN-06	TL	R408059	
L398058-2	200-3								
Sample By:	DAVE STEVENSON on 07-JUN-06 @ 09:40								
Matrix:	WATER								
Hardness									
Calcium (Ca)	83.7		0.5	mg/L		12-JUN-06	MLH	R408442	
Hardness (as CaCO3)	244			mg/L		13-JUN-06			
Magnesium (Mg)	8.6		0.1	mg/L		12-JUN-06	MLH	R408442	
Dissolved Metals - CCME									
Dissolved Major Metals									
Calcium (Ca)	75.5		0.5	mg/L		13-JUN-06	HAS	R409408	
Potassium (K)	7.2		0.1	mg/L		13-JUN-06	HAS	R409408	
Magnesium (Mg)	7.57		0.01	mg/L		13-JUN-06	HAS	R409408	
Sodium (Na)	112		0.5	mg/L		13-JUN-06	HAS	R409408	
Iron (Fe)	<0.005		0.005	mg/L		13-JUN-06	HAS	R409408	
Manganese (Mn)	0.086		0.001	mg/L		13-JUN-06	HAS	R409408	
Dissolved Trace Metals									
Silver (Ag)	<0.0001		0.0001	mg/L		12-JUN-06	QLI	R408514	
Aluminum (Al)	0.04		0.01	mg/L		12-JUN-06	QLI	R408514	
Arsenic (As)	0.0012		0.0004	mg/L		12-JUN-06	QLI	R408514	
Boron (B)	<0.05		0.05	mg/L		12-JUN-06	QLI	R408514	
Barium (Ba)	0.080		0.003	mg/L		12-JUN-06	QLI	R408514	
Beryllium (Be)	<0.001		0.001	mg/L		12-JUN-06	QLI	R408514	
Cadmium (Cd)	0.0001		0.0001	mg/L		12-JUN-06	QLI	R408514	

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L398058-2	200-3								
Sample By:	DAVE STEVENSON on 07-JUN-06 @ 09:40								
Matrix:	WATER								
Dissolved Metals - CCME									
Dissolved Trace Metals									
Cobalt (Co)		<0.002		0.002	mg/L		12-JUN-06	QLI	R408514
Chromium (Cr)		<0.005		0.005	mg/L		12-JUN-06	QLI	R408514
Copper (Cu)		0.004		0.001	mg/L		12-JUN-06	QLI	R408514
Mercury (Hg)		<0.0001		0.0001	mg/L		12-JUN-06	QLI	R408514
Lithium (Li)		0.010		0.003	mg/L		12-JUN-06	QLI	R408514
Molybdenum (Mo)		<0.005		0.005	mg/L		12-JUN-06	QLI	R408514
Nickel (Ni)		0.003		0.002	mg/L		12-JUN-06	QLI	R408514
Lead (Pb)		0.0002		0.0001	mg/L		12-JUN-06	QLI	R408514
Antimony (Sb)		<0.0004		0.0004	mg/L		12-JUN-06	QLI	R408514
Selenium (Se)		0.0008		0.0004	mg/L		12-JUN-06	QLI	R408514
Tin (Sn)		<0.05		0.05	mg/L		12-JUN-06	QLI	R408514
Titanium (Ti)		<0.001		0.001	mg/L		12-JUN-06	QLI	R408514
Thallium (Tl)		<0.0001		0.0001	mg/L		12-JUN-06	QLI	R408514
Uranium (U)		0.0007		0.0001	mg/L		12-JUN-06	QLI	R408514
Vanadium (V)		0.004		0.001	mg/L		12-JUN-06	QLI	R408514
Zinc (Zn)		0.007		0.002	mg/L		12-JUN-06	QLI	R408514
Total Metals - CCME									
Total Major Metals									
Calcium (Ca)		95.1		0.5	mg/L		12-JUN-06	HAS	R408518
Potassium (K)		8.9		0.1	mg/L		12-JUN-06	HAS	R408518
Magnesium (Mg)		9.1		0.1	mg/L		12-JUN-06	HAS	R408518
Sodium (Na)		146		1	mg/L		12-JUN-06	HAS	R408518
Iron (Fe)		0.058		0.005	mg/L		12-JUN-06	HAS	R408518
Manganese (Mn)		0.137		0.001	mg/L		12-JUN-06	HAS	R408518
Total Trace Metals									
Silver (Ag)		<0.0004		0.0004	mg/L		12-JUN-06	QLI	R408513
Aluminum (Al)		0.10		0.01	mg/L		12-JUN-06	QLI	R408513
Arsenic (As)		0.0018		0.0004	mg/L		12-JUN-06	QLI	R408513
Boron (B)		<0.05		0.05	mg/L		12-JUN-06	QLI	R408513
Barium (Ba)		0.094		0.003	mg/L		12-JUN-06	QLI	R408513
Beryllium (Be)		<0.001		0.001	mg/L		12-JUN-06	QLI	R408513
Cadmium (Cd)		<0.0002		0.0002	mg/L		12-JUN-06	QLI	R408513
Cobalt (Co)		0.002		0.002	mg/L		12-JUN-06	QLI	R408513
Chromium (Cr)		<0.005		0.005	mg/L		12-JUN-06	QLI	R408513
Copper (Cu)		0.003		0.001	mg/L		12-JUN-06	QLI	R408513
Mercury (Hg)		<0.0002		0.0002	mg/L		12-JUN-06	QLI	R408513
Lithium (Li)		0.02		0.01	mg/L		12-JUN-06	QLI	R408513
Molybdenum (Mo)		<0.005		0.005	mg/L		12-JUN-06	QLI	R408513
Nickel (Ni)		0.004		0.002	mg/L		12-JUN-06	QLI	R408513
Lead (Pb)		0.0002		0.0001	mg/L		12-JUN-06	QLI	R408513
Antimony (Sb)		0.0011		0.0004	mg/L		12-JUN-06	QLI	R408513
Selenium (Se)		0.0008		0.0004	mg/L		12-JUN-06	QLI	R408513
Tin (Sn)		<0.05		0.05	mg/L		12-JUN-06	QLI	R408513
Titanium (Ti)		0.002		0.001	mg/L		12-JUN-06	QLI	R408513
Thallium (Tl)		0.0002		0.0001	mg/L		12-JUN-06	QLI	R408513
Uranium (U)		0.0010		0.0001	mg/L		12-JUN-06	QLI	R408513
Vanadium (V)		0.005		0.001	mg/L		12-JUN-06	QLI	R408513
Zinc (Zn)		0.010		0.004	mg/L		12-JUN-06	QLI	R408513
Alkalinity, Total (as CaCO3)									
		<5		5	mg/L		10-JUN-06	TL	R408059

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L	Units	Extracted	Analyzed	By	Batch
L398058-2	200-3								
Sample By:	DAVE STEVENSON on 07-JUN-06 @ 09:40								
Matrix:	WATER								
	Ammonia-N	6.10		0.05	mg/L		12-JUN-06	KMY	R408434
	Chloride (Cl)	267		1	mg/L		13-JUN-06	WYA	R408902
	Conductivity (EC)	11200		0.2	uS/cm		10-JUN-06	TL	R408059
	Nitrate-N	17.7		0.1	mg/L		12-JUN-06	SEL	R408419
	Nitrite-N	0.48		0.05	mg/L		12-JUN-06	SEL	R408419
	Sulphate (SO4)	1660		0.5	mg/L		13-JUN-06	JTV	R407362
	Total Suspended Solids	<3		3	mg/L		13-JUN-06	SVG	R408837
	pH	1.7	RRVAP	0.1	pH		10-JUN-06	TL	R408059
L398058-3	200-4								
Sample By:	DAVE STEVENSON on 07-JUN-06 @ 09:20								
Matrix:	WATER								
	Hardness								
	Calcium (Ca)	11.9		0.5	mg/L		12-JUN-06	MLH	R408442
	Hardness (as CaCO3)	40			mg/L		13-JUN-06		
	Magnesium (Mg)	2.4		0.1	mg/L		12-JUN-06	MLH	R408442
	Dissolved Metals - CCME								
	Dissolved Trace Metals								
	Silver (Ag)	<0.0001		0.0001	mg/L		12-JUN-06	QLI	R408514
	Aluminum (Al)	0.04		0.01	mg/L		12-JUN-06	QLI	R408514
	Arsenic (As)	<0.0004		0.0004	mg/L		12-JUN-06	QLI	R408514
	Boron (B)	<0.05		0.05	mg/L		12-JUN-06	QLI	R408514
	Barium (Ba)	0.014		0.003	mg/L		12-JUN-06	QLI	R408514
	Beryllium (Be)	<0.001		0.001	mg/L		12-JUN-06	QLI	R408514
	Cadmium (Cd)	<0.0001		0.0001	mg/L		12-JUN-06	QLI	R408514
	Cobalt (Co)	<0.002		0.002	mg/L		12-JUN-06	QLI	R408514
	Chromium (Cr)	<0.005		0.005	mg/L		12-JUN-06	QLI	R408514
	Copper (Cu)	0.002		0.001	mg/L		12-JUN-06	QLI	R408514
	Mercury (Hg)	<0.0001		0.0001	mg/L		12-JUN-06	QLI	R408514
	Lithium (Li)	<0.003		0.003	mg/L		12-JUN-06	QLI	R408514
	Molybdenum (Mo)	<0.005		0.005	mg/L		12-JUN-06	QLI	R408514
	Nickel (Ni)	0.002		0.002	mg/L		12-JUN-06	QLI	R408514
	Lead (Pb)	<0.0001		0.0001	mg/L		12-JUN-06	QLI	R408514
	Antimony (Sb)	0.0007		0.0004	mg/L		12-JUN-06	QLI	R408514
	Selenium (Se)	<0.0004		0.0004	mg/L		12-JUN-06	QLI	R408514
	Tin (Sn)	<0.05		0.05	mg/L		12-JUN-06	QLI	R408514
	Titanium (Ti)	<0.001		0.001	mg/L		12-JUN-06	QLI	R408514
	Thallium (Tl)	<0.0001		0.0001	mg/L		12-JUN-06	QLI	R408514
	Uranium (U)	0.0001		0.0001	mg/L		12-JUN-06	QLI	R408514
	Vanadium (V)	0.002		0.001	mg/L		12-JUN-06	QLI	R408514
	Zinc (Zn)	0.009		0.002	mg/L		12-JUN-06	QLI	R408514
	Total Metals - CCME								
	Total Major Metals								
	Calcium (Ca)	11.4		0.5	mg/L		12-JUN-06	HAS	R408518
	Potassium (K)	1.1		0.1	mg/L		12-JUN-06	HAS	R408518
	Magnesium (Mg)	2.3		0.1	mg/L		12-JUN-06	HAS	R408518
	Sodium (Na)	14		1	mg/L		12-JUN-06	HAS	R408518
	Iron (Fe)	0.082		0.005	mg/L		12-JUN-06	HAS	R408518
	Manganese (Mn)	0.020		0.001	mg/L		12-JUN-06	HAS	R408518
	Total Trace Metals								
	Silver (Ag)	<0.0004		0.0004	mg/L		12-JUN-06	QLI	R408513

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L398058-3	200-4								
Sample By:	DAVE STEVENSON on 07-JUN-06 @ 09:20								
Matrix:	WATER								
Total Metals - CCME									
Total Trace Metals									
Aluminum (Al)		0.07		0.01	mg/L		12-JUN-06	QLI	R408513
Arsenic (As)		<0.0004		0.0004	mg/L		12-JUN-06	QLI	R408513
Boron (B)		<0.05		0.05	mg/L		12-JUN-06	QLI	R408513
Barium (Ba)		0.014		0.003	mg/L		12-JUN-06	QLI	R408513
Beryllium (Be)		<0.001		0.001	mg/L		12-JUN-06	QLI	R408513
Cadmium (Cd)		<0.0002		0.0002	mg/L		12-JUN-06	QLI	R408513
Cobalt (Co)		<0.002		0.002	mg/L		12-JUN-06	QLI	R408513
Chromium (Cr)		<0.005		0.005	mg/L		12-JUN-06	QLI	R408513
Copper (Cu)		0.002		0.001	mg/L		12-JUN-06	QLI	R408513
Mercury (Hg)		<0.0002		0.0002	mg/L		12-JUN-06	QLI	R408513
Lithium (Li)		<0.01		0.01	mg/L		12-JUN-06	QLI	R408513
Molybdenum (Mo)		<0.005		0.005	mg/L		12-JUN-06	QLI	R408513
Nickel (Ni)		0.002		0.002	mg/L		12-JUN-06	QLI	R408513
Lead (Pb)		<0.0001		0.0001	mg/L		12-JUN-06	QLI	R408513
Antimony (Sb)		0.0007		0.0004	mg/L		12-JUN-06	QLI	R408513
Selenium (Se)		0.0011		0.0004	mg/L		12-JUN-06	QLI	R408513
Tin (Sn)		<0.05		0.05	mg/L		12-JUN-06	QLI	R408513
Titanium (Ti)		0.001		0.001	mg/L		12-JUN-06	QLI	R408513
Thallium (Tl)		<0.0001		0.0001	mg/L		12-JUN-06	QLI	R408513
Uranium (U)		0.0001		0.0001	mg/L		12-JUN-06	QLI	R408513
Vanadium (V)		<0.001		0.001	mg/L		12-JUN-06	QLI	R408513
Zinc (Zn)		0.006		0.004	mg/L		12-JUN-06	QLI	R408513
Alkalinity, Total (as CaCO3)		6		5	mg/L		10-JUN-06	TL	R408059
Ammonia-N		0.26		0.05	mg/L		12-JUN-06	KMY	R408434
Chloride (Cl)		29		1	mg/L		13-JUN-06	WYA	R408902
Conductivity (EC)		177		0.2	uS/cm		10-JUN-06	TL	R408059
Nitrate-N		1.2		0.1	mg/L		12-JUN-06	SEL	R408419
Nitrite-N		<0.05		0.05	mg/L		12-JUN-06	SEL	R408419
Sulphate (SO4)		19.7		0.5	mg/L		13-JUN-06	JTV	R407362
Total Suspended Solids		3		3	mg/L		13-JUN-06	SVG	R408837
pH		6.9		0.1	pH		10-JUN-06	TL	R408059
L398058-4	200-5								
Sample By:	DAVE STEVENSON on 07-JUN-06 @ 08:30								
Matrix:	WATER								
Hardness									
Calcium (Ca)		1.8		0.5	mg/L		12-JUN-06	MLH	R408442
Hardness (as CaCO3)		8			mg/L		13-JUN-06		
Magnesium (Mg)		0.8		0.1	mg/L		12-JUN-06	MLH	R408442
Dissolved Metals - CCME									
Dissolved Major Metals									
Calcium (Ca)		1.8		0.5	mg/L		13-JUN-06	HAS	R409408
Potassium (K)		0.5		0.1	mg/L		13-JUN-06	HAS	R409408
Magnesium (Mg)		0.77		0.01	mg/L		13-JUN-06	HAS	R409408
Sodium (Na)		1.2		0.5	mg/L		13-JUN-06	HAS	R409408
Iron (Fe)		<0.005		0.005	mg/L		13-JUN-06	HAS	R409408
Manganese (Mn)		0.004		0.001	mg/L		13-JUN-06	HAS	R409408
Dissolved Trace Metals									
Silver (Ag)		<0.0001		0.0001	mg/L		12-JUN-06	QLI	R408514

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L398058-4	200-5								
Sample By:	DAVE STEVENSON on 07-JUN-06 @ 08:30								
Matrix:	WATER								
Dissolved Metals - CCME									
Dissolved Trace Metals									
Aluminum (Al)	0.06	0.01		mg/L		12-JUN-06		QLI	R408514
Arsenic (As)	<0.0004	0.0004		mg/L		12-JUN-06		QLI	R408514
Boron (B)	<0.05	0.05		mg/L		12-JUN-06		QLI	R408514
Barium (Ba)	0.003	0.003		mg/L		12-JUN-06		QLI	R408514
Beryllium (Be)	<0.001	0.001		mg/L		12-JUN-06		QLI	R408514
Cadmium (Cd)	<0.0001	0.0001		mg/L		12-JUN-06		QLI	R408514
Cobalt (Co)	<0.002	0.002		mg/L		12-JUN-06		QLI	R408514
Chromium (Cr)	<0.005	0.005		mg/L		12-JUN-06		QLI	R408514
Copper (Cu)	0.003	0.001		mg/L		12-JUN-06		QLI	R408514
Mercury (Hg)	<0.0001	0.0001		mg/L		12-JUN-06		QLI	R408514
Lithium (Li)	<0.003	0.003		mg/L		12-JUN-06		QLI	R408514
Molybdenum (Mo)	<0.005	0.005		mg/L		12-JUN-06		QLI	R408514
Nickel (Ni)	<0.002	0.002		mg/L		12-JUN-06		QLI	R408514
Lead (Pb)	<0.0001	0.0001		mg/L		12-JUN-06		QLI	R408514
Antimony (Sb)	0.0006	0.0004		mg/L		12-JUN-06		QLI	R408514
Selenium (Se)	<0.0004	0.0004		mg/L		12-JUN-06		QLI	R408514
Tin (Sn)	<0.05	0.05		mg/L		12-JUN-06		QLI	R408514
Titanium (Ti)	<0.001	0.001		mg/L		12-JUN-06		QLI	R408514
Thallium (Tl)	<0.0001	0.0001		mg/L		12-JUN-06		QLI	R408514
Uranium (U)	0.0002	0.0001		mg/L		12-JUN-06		QLI	R408514
Vanadium (V)	0.001	0.001		mg/L		12-JUN-06		QLI	R408514
Zinc (Zn)	0.008	0.002		mg/L		12-JUN-06		QLI	R408514
Total Metals - CCME									
Total Major Metals									
Calcium (Ca)	2.2	0.5		mg/L		13-JUN-06		HAS	R409066
Potassium (K)	0.3	0.1		mg/L		13-JUN-06		HAS	R409066
Magnesium (Mg)	0.8	0.1		mg/L		13-JUN-06		HAS	R409066
Sodium (Na)	<1	1		mg/L		13-JUN-06		HAS	R409066
Iron (Fe)	0.026	0.005		mg/L		13-JUN-06		HAS	R409066
Manganese (Mn)	0.005	0.001		mg/L		13-JUN-06		HAS	R409066
Total Trace Metals									
Silver (Ag)	<0.0004	0.0004		mg/L		12-JUN-06		QLI	R408513
Aluminum (Al)	0.05	0.01		mg/L		12-JUN-06		QLI	R408513
Arsenic (As)	<0.0004	0.0004		mg/L		12-JUN-06		QLI	R408513
Boron (B)	<0.05	0.05		mg/L		12-JUN-06		QLI	R408513
Barium (Ba)	0.003	0.003		mg/L		12-JUN-06		QLI	R408513
Beryllium (Be)	<0.001	0.001		mg/L		12-JUN-06		QLI	R408513
Cadmium (Cd)	<0.0002	0.0002		mg/L		12-JUN-06		QLI	R408513
Cobalt (Co)	<0.002	0.002		mg/L		12-JUN-06		QLI	R408513
Chromium (Cr)	<0.005	0.005		mg/L		12-JUN-06		QLI	R408513
Copper (Cu)	0.003	0.001		mg/L		12-JUN-06		QLI	R408513
Mercury (Hg)	<0.0002	0.0002		mg/L		12-JUN-06		QLI	R408513
Lithium (Li)	<0.01	0.01		mg/L		12-JUN-06		QLI	R408513
Molybdenum (Mo)	<0.005	0.005		mg/L		12-JUN-06		QLI	R408513
Nickel (Ni)	<0.002	0.002		mg/L		12-JUN-06		QLI	R408513
Lead (Pb)	<0.0001	0.0001		mg/L		12-JUN-06		QLI	R408513
Antimony (Sb)	0.0008	0.0004		mg/L		12-JUN-06		QLI	R408513
Selenium (Se)	<0.0004	0.0004		mg/L		12-JUN-06		QLI	R408513
Tin (Sn)	<0.05	0.05		mg/L		12-JUN-06		QLI	R408513
Titanium (Ti)	<0.001	0.001		mg/L		12-JUN-06		QLI	R408513

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier	D.L.	Units	Extracted	Analyzed	By	Batch
L398058-4	200-5								
Sample By:	DAVE STEVENSON on 07-JUN-06 @ 08:30								
Matrix:	WATER								
Total Metals - CCME									
Total Trace Metals									
Thallium (Tl)		<0.0001		0.0001	mg/L		12-JUN-06	QLI	R408513
Uranium (U)		0.0002		0.0001	mg/L		12-JUN-06	QLI	R408513
Vanadium (V)		<0.001		0.001	mg/L		12-JUN-06	QLI	R408513
Zinc (Zn)		0.007		0.004	mg/L		12-JUN-06	QLI	R408513
Alkalinity, Total (as CaCO3)		<5		5	mg/L		10-JUN-06	TL	R408059
Ammonia-N		<0.05		0.05	mg/L		12-JUN-06	KMY	R408434
Chloride (Cl)		2		1	mg/L		13-JUN-06	WYA	R408902
Conductivity (EC)		23.0		0.2	uS/cm		10-JUN-06	TL	R408059
Nitrate-N		<0.1		0.1	mg/L		12-JUN-06	SEL	R408419
Nitrite-N		<0.05		0.05	mg/L		12-JUN-06	SEL	R408419
Sulphate (SO4)		3.5		0.5	mg/L		13-JUN-06	JTV	R407362
Total Suspended Solids		<3		3	mg/L		13-JUN-06	SVG	R408837
pH		6.6		0.1	pH		10-JUN-06	TL	R408059
L398058-5	200-5A								
Sample By:	DAVE STEVENSON on 07-JUN-06 @ 08:57								
Matrix:	WATER								
Hardness									
Calcium (Ca)		10.4		0.5	mg/L		12-JUN-06	MLH	R408442
Hardness (as CaCO3)		38			mg/L		13-JUN-06		
Magnesium (Mg)		3.0		0.1	mg/L		12-JUN-06	MLH	R408442
Dissolved Metals - CCME									
Dissolved Major Metals									
Calcium (Ca)		10.2		0.5	mg/L		13-JUN-06	HAS	R409408
Potassium (K)		1.1		0.1	mg/L		13-JUN-06	HAS	R409408
Magnesium (Mg)		2.83		0.01	mg/L		13-JUN-06	HAS	R409408
Sodium (Na)		13.9		0.5	mg/L		13-JUN-06	HAS	R409408
Iron (Fe)		<0.005		0.005	mg/L		13-JUN-06	HAS	R409408
Manganese (Mn)		0.003		0.001	mg/L		13-JUN-06	HAS	R409408
Dissolved Trace Metals									
Silver (Ag)		<0.0001		0.0001	mg/L		12-JUN-06	QLI	R408514
Aluminum (Al)		0.04		0.01	mg/L		12-JUN-06	QLI	R408514
Arsenic (As)		<0.0004		0.0004	mg/L		12-JUN-06	QLI	R408514
Boron (B)		<0.05		0.05	mg/L		12-JUN-06	QLI	R408514
Barium (Ba)		0.019		0.003	mg/L		12-JUN-06	QLI	R408514
Beryllium (Be)		<0.001		0.001	mg/L		12-JUN-06	QLI	R408514
Cadmium (Cd)		<0.0001		0.0001	mg/L		12-JUN-06	QLI	R408514
Cobalt (Co)		<0.002		0.002	mg/L		12-JUN-06	QLI	R408514
Chromium (Cr)		<0.005		0.005	mg/L		12-JUN-06	QLI	R408514
Copper (Cu)		0.002		0.001	mg/L		12-JUN-06	QLI	R408514
Mercury (Hg)		<0.0001		0.0001	mg/L		12-JUN-06	QLI	R408514
Lithium (Li)		<0.003		0.003	mg/L		12-JUN-06	QLI	R408514
Molybdenum (Mo)		<0.005		0.005	mg/L		12-JUN-06	QLI	R408514
Nickel (Ni)		0.002		0.002	mg/L		12-JUN-06	QLI	R408514
Lead (Pb)		<0.0001		0.0001	mg/L		12-JUN-06	QLI	R408514
Antimony (Sb)		0.0007		0.0004	mg/L		12-JUN-06	QLI	R408514
Selenium (Se)		<0.0004		0.0004	mg/L		12-JUN-06	QLI	R408514
Tin (Sn)		<0.05		0.05	mg/L		12-JUN-06	QLI	R408514
Titanium (Ti)		<0.001		0.001	mg/L		12-JUN-06	QLI	R408514

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details / Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L398058-5	200-5A								
Sample By:	DAVE STEVENSON on 07-JUN-06 @ 08:57								
Matrix:	WATER								
Dissolved Metals - CCME									
Dissolved Trace Metals									
Thallium (Tl)	<0.0001	0.0001		mg/L		12-JUN-06	QLI	R408514	
Uranium (U)	0.0002	0.0001		mg/L		12-JUN-06	QLI	R408514	
Vanadium (V)	0.001	0.001		mg/L		12-JUN-06	QLI	R408514	
Zinc (Zn)	0.008	0.002		mg/L		12-JUN-06	QLI	R408514	
Total Metals - CCME									
Total Major Metals									
Calcium (Ca)	9.7	0.5		mg/L		13-JUN-06	HAS	R409066	
Potassium (K)	1.1	0.1		mg/L		13-JUN-06	HAS	R409066	
Magnesium (Mg)	2.7	0.1		mg/L		13-JUN-06	HAS	R409066	
Sodium (Na)	13	1		mg/L		13-JUN-06	HAS	R409066	
Iron (Fe)	0.090	0.005		mg/L		13-JUN-06	HAS	R409066	
Manganese (Mn)	0.008	0.001		mg/L		13-JUN-06	HAS	R409066	
Total Trace Metals									
Silver (Ag)	<0.0004	0.0004		mg/L		12-JUN-06	QLI	R408513	
Aluminum (Al)	0.07	0.01		mg/L		12-JUN-06	QLI	R408513	
Arsenic (As)	<0.0004	0.0004		mg/L		12-JUN-06	QLI	R408513	
Boron (B)	<0.05	0.05		mg/L		12-JUN-06	QLI	R408513	
Barium (Ba)	0.019	0.003		mg/L		12-JUN-06	QLI	R408513	
Beryllium (Be)	<0.001	0.001		mg/L		12-JUN-06	QLI	R408513	
Cadmium (Cd)	<0.0002	0.0002		mg/L		12-JUN-06	QLI	R408513	
Cobalt (Co)	<0.002	0.002		mg/L		12-JUN-06	QLI	R408513	
Chromium (Cr)	<0.005	0.005		mg/L		12-JUN-06	QLI	R408513	
Copper (Cu)	0.002	0.001		mg/L		12-JUN-06	QLI	R408513	
Mercury (Hg)	<0.0002	0.0002		mg/L		12-JUN-06	QLI	R408513	
Lithium (Li)	<0.01	0.01		mg/L		12-JUN-06	QLI	R408513	
Molybdenum (Mo)	<0.005	0.005		mg/L		12-JUN-06	QLI	R408513	
Nickel (Ni)	0.002	0.002		mg/L		12-JUN-06	QLI	R408513	
Lead (Pb)	0.0002	0.0001		mg/L		12-JUN-06	QLI	R408513	
Antimony (Sb)	0.0016	0.0004		mg/L		12-JUN-06	QLI	R408513	
Selenium (Se)	0.0014	0.0004		mg/L		12-JUN-06	QLI	R408513	
Tin (Sn)	<0.05	0.05		mg/L		12-JUN-06	QLI	R408513	
Titanium (Ti)	0.001	0.001		mg/L		12-JUN-06	QLI	R408513	
Thallium (Tl)	<0.0001	0.0001		mg/L		12-JUN-06	QLI	R408513	
Uranium (U)	0.0002	0.0001		mg/L		12-JUN-06	QLI	R408513	
Vanadium (V)	<0.001	0.001		mg/L		12-JUN-06	QLI	R408513	
Zinc (Zn)	0.012	0.004		mg/L		12-JUN-06	QLI	R408513	
Alkalinity, Total (as CaCO3)									
Ammonia-N	<0.05	0.05		mg/L		10-JUN-06	TL	R408059	
Chloride (Cl)	29	1		mg/L		12-JUN-06	KMY	R408434	
Conductivity (EC)	168	0.2		uS/cm		13-JUN-06	WYA	R408902	
Nitrate-N	1.3	0.1		mg/L		10-JUN-06	TL	R408059	
Nitrite-N	<0.05	0.05		mg/L		12-JUN-06	SEL	R408419	
Sulphate (SO4)	19.6	0.5		mg/L		12-JUN-06	SEL	R408419	
Total Suspended Solids	<3	3		mg/L		13-JUN-06	JTV	R407362	
pH	6.6	0.1		pH		10-JUN-06	SVG	R408837	
* Refer to Referenced Information for Qualifiers (if any) and Methodology.									

Reference Information

Sample Parameter Qualifier key listed:

Qualifier	Description
RRVAP	Reported Result Verified by Alternate Process

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:

38466

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. - Detection 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.



Environmental Division

PRELIMINARY RESULTS

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

Report On: 23-JUN-06 05:10 PM

Lab Work Order #: L400630

Date Received: 16-JUN-06

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

Comments:

DOUG JOHNSON
Director of Operations, Edmonton

ERIN ANDERSON
Account Manager

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



ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L	Units	Extracted	Analyzed	By	Batch
L400630-1	200-2								
Sample By:	DBS on 14-JUN-06								
Matrix:									
Hardness									
Calcium (Ca)		13.6		0.5	mg/L		19-JUN-06	MLH	R410881
Hardness (as CaCO ₃)		38			mg/L		20-JUN-06		
Magnesium (Mg)		2.1		0.1	mg/L		19-JUN-06	MLH	R410881
Dissolved Metals - CCME									
Dissolved Major Metals									
Calcium (Ca)		12.8		0.5	mg/L		19-JUN-06	HAS	R410979
Potassium (K)		1.5		0.1	mg/L		19-JUN-06	HAS	R410979
Magnesium (Mg)		1.89		0.01	mg/L		19-JUN-06	HAS	R410979
Sodium (Na)		19.2		0.5	mg/L		19-JUN-06	HAS	R410979
Iron (Fe)		0.049		0.005	mg/L		19-JUN-06	HAS	R410979
Manganese (Mn)		0.026		0.001	mg/L		19-JUN-06	HAS	R410979
Dissolved Trace Metals									
Silver (Ag)		<0.0001		0.0001	mg/L		19-JUN-06	QLI	R411366
Aluminum (Al)		0.05		0.01	mg/L		19-JUN-06	QLI	R411366
Arsenic (As)		0.0016		0.0004	mg/L		19-JUN-06	QLI	R411366
Boron (B)		<0.05		0.05	mg/L		19-JUN-06	QLI	R411366
Barium (Ba)		0.007		0.003	mg/L		19-JUN-06	QLI	R411366
Beryllium (Be)		<0.001		0.001	mg/L		19-JUN-06	QLI	R411366
Cadmium (Cd)		<0.0001		0.0001	mg/L		19-JUN-06	QLI	R411366
Cobalt (Co)		<0.002		0.002	mg/L		19-JUN-06	QLI	R411366
Chromium (Cr)		<0.005		0.005	mg/L		19-JUN-06	QLI	R411366
Copper (Cu)		0.003		0.001	mg/L		19-JUN-06	QLI	R411366
Mercury (Hg)		<0.0001		0.0001	mg/L		19-JUN-06	QLI	R411366
Lithium (Li)		<0.003		0.003	mg/L		19-JUN-06	QLI	R411366
Molybdenum (Mo)		<0.005		0.005	mg/L		19-JUN-06	QLI	R411366
Nickel (Ni)		<0.002		0.002	mg/L		19-JUN-06	QLI	R411366
Lead (Pb)		0.0002		0.0001	mg/L		19-JUN-06	QLI	R411366
Antimony (Sb)		0.0008		0.0004	mg/L		19-JUN-06	QLI	R411366
Selenium (Se)		<0.0004		0.0004	mg/L		19-JUN-06	QLI	R411366
Tin (Sn)		<0.05		0.05	mg/L		19-JUN-06	QLI	R411366
Titanium (Ti)		0.001		0.001	mg/L		19-JUN-06	QLI	R411366
Thallium (Tl)		<0.0001		0.0001	mg/L		19-JUN-06	QLI	R411366
Uranium (U)		0.0002		0.0001	mg/L		19-JUN-06	QLI	R411366
Vanadium (V)		<0.001		0.001	mg/L		19-JUN-06	QLI	R411366
Zinc (Zn)		0.008		0.002	mg/L		19-JUN-06	QLI	R411366
Total Metals - CCME									
Total Major Metals									
Calcium (Ca)		12.2		0.5	mg/L		19-JUN-06	HAS	R410980
Potassium (K)		1.3		0.1	mg/L		19-JUN-06	HAS	R410980
Magnesium (Mg)		1.9		0.1	mg/L		19-JUN-06	HAS	R410980
Sodium (Na)		18		1	mg/L		19-JUN-06	HAS	R410980
Iron (Fe)		0.274		0.005	mg/L		19-JUN-06	HAS	R410980
Manganese (Mn)		0.028		0.001	mg/L		19-JUN-06	HAS	R410980
Total Trace Metals									
Silver (Ag)		<0.0004		0.0004	mg/L		19-JUN-06	QLI	R411367
Aluminum (Al)		0.20		0.01	mg/L		19-JUN-06	QLI	R411367
Arsenic (As)		0.0021		0.0004	mg/L		19-JUN-06	QLI	R411367
Boron (B)		<0.05		0.05	mg/L		19-JUN-06	QLI	R411367
Barium (Ba)		0.007		0.003	mg/L		19-JUN-06	QLI	R411367
Beryllium (Be)		<0.001		0.001	mg/L		19-JUN-06	QLI	R411367
Cadmium (Cd)		<0.0002		0.0002	mg/L		19-JUN-06	QLI	R411367

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier	D.L.	Units	Extracted	Analyzed	By	Batch
L400630-1	200-2								
Sample By:	DBS on 14-JUN-06								
Matrix:									
Total Metals - CCME									
Total Trace Metals									
Cobalt (Co)		<0.002		0.002	mg/L		19-JUN-06	QLI	R411367
Chromium (Cr)		<0.005		0.005	mg/L		19-JUN-06	QLI	R411367
Copper (Cu)		0.004		0.001	mg/L		19-JUN-06	QLI	R411367
Mercury (Hg)		<0.0002		0.0002	mg/L		19-JUN-06	QLI	R411367
Lithium (Li)		<0.01		0.01	mg/L		19-JUN-06	QLI	R411367
Molybdenum (Mo)		<0.005		0.005	mg/L		19-JUN-06	QLI	R411367
Nickel (Ni)		<0.002		0.002	mg/L		19-JUN-06	QLI	R411367
Lead (Pb)		0.0007		0.0001	mg/L		19-JUN-06	QLI	R411367
Antimony (Sb)		0.0008		0.0004	mg/L		19-JUN-06	QLI	R411367
Selenium (Se)		<0.0004		0.0004	mg/L		19-JUN-06	QLI	R411367
Tin (Sn)		<0.05		0.05	mg/L		19-JUN-06	QLI	R411367
Titanium (Ti)		0.009		0.001	mg/L		19-JUN-06	QLI	R411367
Thallium (Tl)		<0.0001		0.0001	mg/L		19-JUN-06	QLI	R411367
Uranium (U)		0.0003		0.0001	mg/L		19-JUN-06	QLI	R411367
Vanadium (V)		<0.001		0.001	mg/L		19-JUN-06	QLI	R411367
Zinc (Zn)		0.008		0.004	mg/L		19-JUN-06	QLI	R411367
Alkalinity, Total (as CaCO ₃)		8		5	mg/L		17-JUN-06	PTT	R410935
Ammonia-N		1.53		0.05	mg/L		19-JUN-06	KMY	R410866
Chloride (Cl)		35		1	mg/L		18-JUN-06	WYA	R410558
Conductivity (EC)		216		0.2	uS/cm		17-JUN-06	PTT	R410935
Nitrate-N		1.4		0.1	mg/L		17-JUN-06	SEL	R410459
Nitrite-N		<0.05		0.05	mg/L		17-JUN-06	SEL	R410459
Sulphate (SO ₄)		26.6		0.5	mg/L		19-JUN-06	JTV	R409820
Total Suspended Solids		<3		3	mg/L		20-JUN-06	SVG	R411214
pH		7.3		0.1	pH		17-JUN-06	PTT	R410935
L400630-2	200-3								
Sample By:	DBS on 14-JUN-06								
Matrix:									
Hardness									
Calcium (Ca)		134		0.5	mg/L		19-JUN-06	MLH	R410881
Hardness (as CaCO ₃)		359			mg/L		20-JUN-06		
Magnesium (Mg)		16.3		0.1	mg/L		19-JUN-06	MLH	R410881
Dissolved Metals - CCME									
Dissolved Major Metals									
Calcium (Ca)		125		0.5	mg/L		19-JUN-06	HAS	R410979
Potassium (K)		13.3		0.1	mg/L		19-JUN-06	HAS	R410979
Magnesium (Mg)		15.1		0.01	mg/L		19-JUN-06	HAS	R410979
Sodium (Na)		348		0.5	mg/L		19-JUN-06	HAS	R410979
Iron (Fe)		0.012		0.005	mg/L		19-JUN-06	HAS	R410979
Manganese (Mn)		0.184		0.001	mg/L		19-JUN-06	HAS	R410979
Dissolved Trace Metals									
Silver (Ag)		<0.0001		0.0001	mg/L		19-JUN-06	QLI	R411366
Aluminum (Al)		0.02		0.01	mg/L		19-JUN-06	QLI	R411366
Arsenic (As)		0.0012		0.0004	mg/L		19-JUN-06	QLI	R411366
Boron (B)		<0.05		0.05	mg/L		19-JUN-06	QLI	R411366
Barium (Ba)		0.129		0.003	mg/L		19-JUN-06	QLI	R411366
Beryllium (Be)		<0.001		0.001	mg/L		19-JUN-06	QLI	R411366
Cadmium (Cd)		0.0004		0.0001	mg/L		19-JUN-06	QLI	R411366

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L400630-2	200-3								
Sample By:	DBS on 14-JUN-06								
Matrix:									
Dissolved Metals - CCME									
Dissolved Trace Metals									
Cobalt (Co)		<0.002		0.002	mg/L		19-JUN-06	QLI	R411366
Chromium (Cr)		<0.005		0.005	mg/L		19-JUN-06	QLI	R411366
Copper (Cu)		0.003		0.001	mg/L		19-JUN-06	QLI	R411366
Mercury (Hg)		<0.0001		0.0001	mg/L		19-JUN-06	QLI	R411366
Lithium (Li)		0.008		0.003	mg/L		19-JUN-06	QLI	R411366
Molybdenum (Mo)		0.005		0.005	mg/L		19-JUN-06	QLI	R411366
Nickel (Ni)		0.005		0.002	mg/L		19-JUN-06	QLI	R411366
Lead (Pb)		<0.0001		0.0001	mg/L		19-JUN-06	QLI	R411366
Antimony (Sb)		0.0010		0.0004	mg/L		19-JUN-06	QLI	R411366
Selenium (Se)		0.0172		0.0004	mg/L		19-JUN-06	QLI	R411366
Tin (Sn)		<0.05		0.05	mg/L		19-JUN-06	QLI	R411366
Titanium (Ti)		<0.001		0.001	mg/L		19-JUN-06	QLI	R411366
Thallium (Tl)		<0.0001		0.0001	mg/L		19-JUN-06	QLI	R411366
Uranium (U)		0.0013		0.0001	mg/L		19-JUN-06	QLI	R411366
Vanadium (V)		0.003		0.001	mg/L		19-JUN-06	QLI	R411366
Zinc (Zn)		0.010		0.002	mg/L		19-JUN-06	QLI	R411366
Total Metals - CCME									
Total Major Metals									
Calcium (Ca)		120		0.5	mg/L		19-JUN-06	HAS	R410980
Potassium (K)		12.8		0.1	mg/L		19-JUN-06	HAS	R410980
Magnesium (Mg)		14.3		0.1	mg/L		19-JUN-06	HAS	R410980
Sodium (Na)		356		1	mg/L		19-JUN-06	HAS	R410980
Iron (Fe)		0.096		0.005	mg/L		19-JUN-06	HAS	R410980
Manganese (Mn)		0.189		0.001	mg/L		19-JUN-06	HAS	R410980
Total Trace Metals									
Silver (Ag)		<0.0004		0.0004	mg/L		19-JUN-06	QLI	R411367
Aluminum (Al)		0.08		0.01	mg/L		19-JUN-06	QLI	R411367
Arsenic (As)		0.0014		0.0004	mg/L		19-JUN-06	QLI	R411367
Boron (B)		<0.05		0.05	mg/L		19-JUN-06	QLI	R411367
Barium (Ba)		0.127		0.003	mg/L		19-JUN-06	QLI	R411367
Beryllium (Be)		<0.001		0.001	mg/L		19-JUN-06	QLI	R411367
Cadmium (Cd)		0.0004		0.0002	mg/L		19-JUN-06	QLI	R411367
Cobalt (Co)		0.002		0.002	mg/L		19-JUN-06	QLI	R411367
Chromium (Cr)		<0.005		0.005	mg/L		19-JUN-06	QLI	R411367
Copper (Cu)		0.004		0.001	mg/L		19-JUN-06	QLI	R411367
Mercury (Hg)		<0.0002		0.0002	mg/L		19-JUN-06	QLI	R411367
Lithium (Li)		<0.01		0.01	mg/L		19-JUN-06	QLI	R411367
Molybdenum (Mo)		0.005		0.005	mg/L		19-JUN-06	QLI	R411367
Nickel (Ni)		0.006		0.002	mg/L		19-JUN-06	QLI	R411367
Lead (Pb)		0.0002		0.0001	mg/L		19-JUN-06	QLI	R411367
Antimony (Sb)		0.0012		0.0004	mg/L		19-JUN-06	QLI	R411367
Selenium (Se)		0.0145		0.0004	mg/L		19-JUN-06	QLI	R411367
Tin (Sn)		<0.05		0.05	mg/L		19-JUN-06	QLI	R411367
Titanium (Ti)		0.004		0.001	mg/L		19-JUN-06	QLI	R411367
Thallium (Tl)		0.0002		0.0001	mg/L		19-JUN-06	QLI	R411367
Uranium (U)		0.0013		0.0001	mg/L		19-JUN-06	QLI	R411367
Vanadium (V)		0.003		0.001	mg/L		19-JUN-06	QLI	R411367
Zinc (Zn)		0.039		0.004	mg/L		19-JUN-06	QLI	R411367
Alkalinity, Total (as CaCO3)									
		45		5	mg/L		17-JUN-06	PTT	R410935

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L400630-2	200-3								
Sample By:	DBS on 14-JUN-06								
Matrix:									
Ammonia-N		80.3		0.05	mg/L		19-JUN-06	KMY	R410866
Chloride (Cl)		666		1	mg/L		18-JUN-06	WYA	R410558
Conductivity (EC)		2710		0.2	uS/cm		17-JUN-06	PTT	R410935
Nitrate-N		34.2		0.1	mg/L		19-JUN-06	SHC	R410989
Nitrite-N		2.36		0.05	mg/L		19-JUN-06	SHC	R410989
Sulphate (SO4)		117		0.5	mg/L		19-JUN-06	JTV	R409820
Total Suspended Solids		<3		3	mg/L		20-JUN-06	SVG	R411214
pH		7.8		0.1	pH		17-JUN-06	PTT	R410935
L400630-3	200-4								
Sample By:	DBS on 14-JUN-06								
Matrix:									
Hardness									
Calcium (Ca)		12.2		0.5	mg/L		19-JUN-06	MLH	R410881
Hardness (as CaCO3)		36			mg/L		20-JUN-06		
Magnesium (Mg)		2.3		0.1	mg/L		19-JUN-06	MLH	R410881
Dissolved Metals - CCME									
Dissolved Major Metals									
Calcium (Ca)		11.4		0.5	mg/L		19-JUN-06	HAS	R410979
Potassium (K)		1.3		0.1	mg/L		19-JUN-06	HAS	R410979
Magnesium (Mg)		2.16		0.01	mg/L		19-JUN-06	HAS	R410979
Sodium (Na)		16.1		0.5	mg/L		19-JUN-06	HAS	R410979
Iron (Fe)		0.036		0.005	mg/L		19-JUN-06	HAS	R410979
Manganese (Mn)		0.008		0.001	mg/L		19-JUN-06	HAS	R410979
Dissolved Trace Metals									
Silver (Ag)		<0.0001		0.0001	mg/L		19-JUN-06	QLI	R411366
Aluminum (Al)		0.03		0.01	mg/L		19-JUN-06	QLI	R411366
Arsenic (As)		<0.0004		0.0004	mg/L		19-JUN-06	QLI	R411366
Boron (B)		<0.05		0.05	mg/L		19-JUN-06	QLI	R411366
Barium (Ba)		0.014		0.003	mg/L		19-JUN-06	QLI	R411366
Beryllium (Be)		<0.001		0.001	mg/L		19-JUN-06	QLI	R411366
Cadmium (Cd)		<0.0001		0.0001	mg/L		19-JUN-06	QLI	R411366
Cobalt (Co)		<0.002		0.002	mg/L		19-JUN-06	QLI	R411366
Chromium (Cr)		<0.005		0.005	mg/L		19-JUN-06	QLI	R411366
Copper (Cu)		0.002		0.001	mg/L		19-JUN-06	QLI	R411366
Mercury (Hg)		<0.0001		0.0001	mg/L		19-JUN-06	QLI	R411366
Lithium (Li)		<0.003		0.003	mg/L		19-JUN-06	QLI	R411366
Molybdenum (Mo)		<0.005		0.005	mg/L		19-JUN-06	QLI	R411366
Nickel (Ni)		<0.002		0.002	mg/L		19-JUN-06	QLI	R411366
Lead (Pb)		<0.0001		0.0001	mg/L		19-JUN-06	QLI	R411366
Antimony (Sb)		0.0007		0.0004	mg/L		19-JUN-06	QLI	R411366
Selenium (Se)		<0.0004		0.0004	mg/L		19-JUN-06	QLI	R411366
Tin (Sn)		<0.05		0.05	mg/L		19-JUN-06	QLI	R411366
Titanium (Ti)		<0.001		0.001	mg/L		19-JUN-06	QLI	R411366
Thallium (Tl)		<0.0001		0.0001	mg/L		19-JUN-06	QLI	R411366
Uranium (U)		<0.0001		0.0001	mg/L		19-JUN-06	QLI	R411366
Vanadium (V)		<0.001		0.001	mg/L		19-JUN-06	QLI	R411366
Zinc (Zn)		0.005		0.002	mg/L		19-JUN-06	QLI	R411366
Total Metals - CCME									
Total Major Metals									
Calcium (Ca)		11.0		0.5	mg/L		19-JUN-06	HAS	R410980

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L400630-3	200-4								
Sample By:	DBS on 14-JUN-06								
Matrix:									
Total Metals - CCME									
Total Major Metals									
Potassium (K)		1.3		0.1	mg/L		19-JUN-06	HAS	R410980
Magnesium (Mg)		2.1		0.1	mg/L		19-JUN-06	HAS	R410980
Sodium (Na)		16		1	mg/L		19-JUN-06	HAS	R410980
Iron (Fe)		0.063		0.005	mg/L		19-JUN-06	HAS	R410980
Manganese (Mn)		0.012		0.001	mg/L		19-JUN-06	HAS	R410980
Total Trace Metals									
Silver (Ag)		<0.0004		0.0004	mg/L		19-JUN-06	QLI	R411367
Aluminum (Al)		0.05		0.01	mg/L		19-JUN-06	QLI	R411367
Arsenic (As)		<0.0004		0.0004	mg/L		19-JUN-06	QLI	R411367
Boron (B)		<0.05		0.05	mg/L		19-JUN-06	QLI	R411367
Barium (Ba)		0.014		0.003	mg/L		19-JUN-06	QLI	R411367
Beryllium (Be)		<0.001		0.001	mg/L		19-JUN-06	QLI	R411367
Cadmium (Cd)		<0.0002		0.0002	mg/L		19-JUN-06	QLI	R411367
Cobalt (Co)		<0.002		0.002	mg/L		19-JUN-06	QLI	R411367
Chromium (Cr)		<0.005		0.005	mg/L		19-JUN-06	QLI	R411367
Copper (Cu)		0.002		0.001	mg/L		19-JUN-06	QLI	R411367
Mercury (Hg)		<0.0002		0.0002	mg/L		19-JUN-06	QLI	R411367
Lithium (Li)		<0.01		0.01	mg/L		19-JUN-06	QLI	R411367
Molybdenum (Mo)		<0.005		0.005	mg/L		19-JUN-06	QLI	R411367
Nickel (Ni)		<0.002		0.002	mg/L		19-JUN-06	QLI	R411367
Lead (Pb)		<0.0001		0.0001	mg/L		19-JUN-06	QLI	R411367
Antimony (Sb)		0.0007		0.0004	mg/L		19-JUN-06	QLI	R411367
Selenium (Se)		0.0008		0.0004	mg/L		19-JUN-06	QLI	R411367
Tin (Sn)		<0.05		0.05	mg/L		19-JUN-06	QLI	R411367
Titanium (Ti)		<0.001		0.001	mg/L		19-JUN-06	QLI	R411367
Thallium (Tl)		<0.0001		0.0001	mg/L		19-JUN-06	QLI	R411367
Uranium (U)		0.0001		0.0001	mg/L		19-JUN-06	QLI	R411367
Vanadium (V)		<0.001		0.001	mg/L		19-JUN-06	QLI	R411367
Zinc (Zn)		0.007		0.004	mg/L		19-JUN-06	QLI	R411367
Alkalinity, Total (as CaCO ₃)		5		5	mg/L		17-JUN-06	PTT	R410935
Ammonia-N		0.31		0.05	mg/L		19-JUN-06	KMY	R410866
Chloride (Cl)		34		1	mg/L		18-JUN-06	WYA	R410558
Conductivity (EC)		186		0.2	uS/cm		17-JUN-06	PTT	R410935
Nitrate-N		1.6		0.1	mg/L		19-JUN-06	SHC	R410989
Nitrite-N		<0.05		0.05	mg/L		19-JUN-06	SHC	R410989
Sulphate (SO ₄)		17.8		0.5	mg/L		19-JUN-06	JTV	R409820
Total Suspended Solids		<3		3	mg/L		20-JUN-06	SVG	R411214
pH		7.2		0.1	pH		17-JUN-06	PTT	R410935
L400630-4	200-5								
Sample By:	DBS on 14-JUN-06								
Matrix:									
Hardness									
Calcium (Ca)		2.5		0.5	mg/L		19-JUN-06	MLH	R410881
Hardness (as CaCO ₃)		10			mg/L		20-JUN-06		
Magnesium (Mg)		1.1		0.1	mg/L		19-JUN-06	MLH	R410881
Dissolved Metals - CCME									
Dissolved Major Metals									
Calcium (Ca)		2.2		0.5	mg/L		19-JUN-06	HAS	R410979

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier	D.L.	Units	Extracted	Analyzed	By	Batch
L400630-4	200-5								
Sample By:	DBS on 14-JUN-06								
Matrix:									
Dissolved Metals - CCME									
Dissolved Major Metals									
Potassium (K)		0.4		0.1	mg/L		19-JUN-06	HAS	R410979
Magnesium (Mg)		1.08		0.01	mg/L		19-JUN-06	HAS	R410979
Sodium (Na)		1.3		0.5	mg/L		19-JUN-06	HAS	R410979
Iron (Fe)		0.012		0.005	mg/L		19-JUN-06	HAS	R410979
Manganese (Mn)		0.007		0.001	mg/L		19-JUN-06	HAS	R410979
Dissolved Trace Metals									
Silver (Ag)		<0.0001		0.0001	mg/L		19-JUN-06	QLI	R411366
Aluminum (Al)		0.03		0.01	mg/L		19-JUN-06	QLI	R411366
Arsenic (As)		<0.0004		0.0004	mg/L		19-JUN-06	QLI	R411366
Boron (B)		<0.05		0.05	mg/L		19-JUN-06	QLI	R411366
Barium (Ba)		0.004		0.003	mg/L		19-JUN-06	QLI	R411366
Beryllium (Be)		<0.001		0.001	mg/L		19-JUN-06	QLI	R411366
Cadmium (Cd)		<0.0001		0.0001	mg/L		19-JUN-06	QLI	R411366
Cobalt (Co)		<0.002		0.002	mg/L		19-JUN-06	QLI	R411366
Chromium (Cr)		<0.005		0.005	mg/L		19-JUN-06	QLI	R411366
Copper (Cu)		0.002		0.001	mg/L		19-JUN-06	QLI	R411366
Mercury (Hg)		<0.0001		0.0001	mg/L		19-JUN-06	QLI	R411366
Lithium (Li)		<0.003		0.003	mg/L		19-JUN-06	QLI	R411366
Molybdenum (Mo)		<0.005		0.005	mg/L		19-JUN-06	QLI	R411366
Nickel (Ni)		<0.002		0.002	mg/L		19-JUN-06	QLI	R411366
Lead (Pb)		<0.0001		0.0001	mg/L		19-JUN-06	QLI	R411366
Antimony (Sb)		0.0007		0.0004	mg/L		19-JUN-06	QLI	R411366
Selenium (Se)		<0.0004		0.0004	mg/L		19-JUN-06	QLI	R411366
Tin (Sn)		<0.05		0.05	mg/L		19-JUN-06	QLI	R411366
Titanium (Ti)		<0.001		0.001	mg/L		19-JUN-06	QLI	R411366
Thallium (Tl)		<0.0001		0.0001	mg/L		19-JUN-06	QLI	R411366
Uranium (U)		<0.0001		0.0001	mg/L		19-JUN-06	QLI	R411366
Vanadium (V)		<0.001		0.001	mg/L		19-JUN-06	QLI	R411366
Zinc (Zn)		0.004		0.002	mg/L		19-JUN-06	QLI	R411366
Total Metals - CCME									
Total Major Metals									
Calcium (Ca)		2.2		0.5	mg/L		19-JUN-06	HAS	R410980
Potassium (K)		0.3		0.1	mg/L		19-JUN-06	HAS	R410980
Magnesium (Mg)		1.0		0.1	mg/L		19-JUN-06	HAS	R410980
Sodium (Na)		1		1	mg/L		19-JUN-06	HAS	R410980
Iron (Fe)		0.025		0.005	mg/L		19-JUN-06	HAS	R410980
Manganese (Mn)		0.009		0.001	mg/L		19-JUN-06	HAS	R410980
Total Trace Metals									
Silver (Ag)		<0.0004		0.0004	mg/L		19-JUN-06	QLI	R411367
Aluminum (Al)		0.04		0.01	mg/L		19-JUN-06	QLI	R411367
Arsenic (As)		<0.0004		0.0004	mg/L		19-JUN-06	QLI	R411367
Boron (B)		<0.05		0.05	mg/L		19-JUN-06	QLI	R411367
Barium (Ba)		0.004		0.003	mg/L		19-JUN-06	QLI	R411367
Beryllium (Be)		<0.001		0.001	mg/L		19-JUN-06	QLI	R411367
Cadmium (Cd)		<0.0002		0.0002	mg/L		19-JUN-06	QLI	R411367
Cobalt (Co)		<0.002		0.002	mg/L		19-JUN-06	QLI	R411367
Chromium (Cr)		<0.005		0.005	mg/L		19-JUN-06	QLI	R411367
Copper (Cu)		0.002		0.001	mg/L		19-JUN-06	QLI	R411367
Mercury (Hg)		<0.0002		0.0002	mg/L		19-JUN-06	QLI	R411367
Lithium (Li)		<0.01		0.01	mg/L		19-JUN-06	QLI	R411367

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L400630-4	200-5								
Sample By:	DBS on 14-JUN-06								
Matrix:									
Total Metals - CCME									
Total Trace Metals									
Molybdenum (Mo)		<0.005		0.005	mg/L		19-JUN-06	QLI	R411367
Nickel (Ni)		0.002		0.002	mg/L		19-JUN-06	QLI	R411367
Lead (Pb)		0.0002		0.0001	mg/L		19-JUN-06	QLI	R411367
Antimony (Sb)		0.0007		0.0004	mg/L		19-JUN-06	QLI	R411367
Selenium (Se)		<0.0004		0.0004	mg/L		19-JUN-06	QLI	R411367
Tin (Sn)		<0.05		0.05	mg/L		19-JUN-06	QLI	R411367
Titanium (Ti)		<0.001		0.001	mg/L		19-JUN-06	QLI	R411367
Thallium (Tl)		<0.0001		0.0001	mg/L		19-JUN-06	QLI	R411367
Uranium (U)		0.0001		0.0001	mg/L		19-JUN-06	QLI	R411367
Vanadium (V)		<0.001		0.001	mg/L		19-JUN-06	QLI	R411367
Zinc (Zn)		0.009		0.004	mg/L		19-JUN-06	QLI	R411367
Alkalinity, Total (as CaCO3)		<5		5	mg/L		17-JUN-06	PTT	R410935
Ammonia-N		<0.05		0.05	mg/L		19-JUN-06	KMY	R410866
Chloride (Cl)		4		1	mg/L		18-JUN-06	WYA	R410558
Conductivity (EC)		31.7		0.2	uS/cm		17-JUN-06	PTT	R410935
Nitrate-N		<0.1		0.1	mg/L		19-JUN-06	SHC	R410989
Nitrite-N		<0.05		0.05	mg/L		19-JUN-06	SHC	R410989
Sulphate (SO4)		5.4		0.5	mg/L		19-JUN-06	JTV	R409820
Total Suspended Solids		4		3	mg/L		20-JUN-06	SVG	R411214
pH		6.9		0.1	pH		17-JUN-06	PTT	R410935
L400630-5	200-5A								
Sample By:	DBS on 14-JUN-06								
Matrix:									
Hardness									
Calcium (Ca)		10.4		0.5	mg/L		19-JUN-06	MLH	R410881
Hardness (as CaCO3)		36			mg/L		20-JUN-06		
Magnesium (Mg)		2.6		0.1	mg/L		19-JUN-06	MLH	R410881
Dissolved Metals - CCME									
Dissolved Major Metals									
Calcium (Ca)		10.1		0.5	mg/L		19-JUN-06	HAS	R410979
Potassium (K)		1.3		0.1	mg/L		19-JUN-06	HAS	R410979
Magnesium (Mg)		2.61		0.01	mg/L		19-JUN-06	HAS	R410979
Sodium (Na)		15.5		0.5	mg/L		19-JUN-06	HAS	R410979
Iron (Fe)		0.006		0.005	mg/L		19-JUN-06	HAS	R410979
Manganese (Mn)		0.004		0.001	mg/L		19-JUN-06	HAS	R410979
Dissolved Trace Metals									
Silver (Ag)		<0.0001		0.0001	mg/L		19-JUN-06	QLI	R411366
Aluminum (Al)		0.06		0.01	mg/L		19-JUN-06	QLI	R411366
Arsenic (As)		<0.0004		0.0004	mg/L		19-JUN-06	QLI	R411366
Boron (B)		<0.05		0.05	mg/L		19-JUN-06	QLI	R411366
Barium (Ba)		0.024		0.003	mg/L		19-JUN-06	QLI	R411366
Beryllium (Be)		<0.001		0.001	mg/L		19-JUN-06	QLI	R411366
Cadmium (Cd)		<0.0001		0.0001	mg/L		19-JUN-06	QLI	R411366
Cobalt (Co)		<0.002		0.002	mg/L		19-JUN-06	QLI	R411366
Chromium (Cr)		<0.005		0.005	mg/L		19-JUN-06	QLI	R411366
Copper (Cu)		0.002		0.001	mg/L		19-JUN-06	QLI	R411366
Mercury (Hg)		<0.0001		0.0001	mg/L		19-JUN-06	QLI	R411366
Lithium (Li)		<0.003		0.003	mg/L		19-JUN-06	QLI	R411366

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L400630-5	200-5A								
Sample By:	DBS on 14-JUN-06								
Matrix:									
Dissolved Metals - CCME									
Dissolved Trace Metals									
Molybdenum (Mo)		<0.005		0.005	mg/L		19-JUN-06	QLI	R411366
Nickel (Ni)		0.002		0.002	mg/L		19-JUN-06	QLI	R411366
Lead (Pb)		<0.0001		0.0001	mg/L		19-JUN-06	QLI	R411366
Antimony (Sb)		0.0007		0.0004	mg/L		19-JUN-06	QLI	R411366
Selenium (Se)		<0.0004		0.0004	mg/L		19-JUN-06	QLI	R411366
Tin (Sn)		<0.05		0.05	mg/L		19-JUN-06	QLI	R411366
Titanium (Ti)		<0.001		0.001	mg/L		19-JUN-06	QLI	R411366
Thallium (Tl)		<0.0001		0.0001	mg/L		19-JUN-06	QLI	R411366
Uranium (U)		0.0002		0.0001	mg/L		19-JUN-06	QLI	R411366
Vanadium (V)		<0.001		0.001	mg/L		19-JUN-06	QLI	R411366
Zinc (Zn)		0.009		0.002	mg/L		19-JUN-06	QLI	R411366
Total Metals - CCME									
Total Major Metals									
Calcium (Ca)		9.6		0.5	mg/L		20-JUN-06	SYF	R411380
Potassium (K)		1.2		0.1	mg/L		20-JUN-06	SYF	R411380
Magnesium (Mg)		2.5		0.1	mg/L		20-JUN-06	SYF	R411380
Sodium (Na)		15		1	mg/L		20-JUN-06	SYF	R411380
Iron (Fe)		0.013		0.005	mg/L		20-JUN-06	SYF	R411380
Manganese (Mn)		0.004		0.001	mg/L		20-JUN-06	SYF	R411380
Total Trace Metals									
Silver (Ag)		<0.0004		0.0004	mg/L		19-JUN-06	QLI	R411367
Aluminum (Al)		0.06		0.01	mg/L		19-JUN-06	QLI	R411367
Arsenic (As)		<0.0004		0.0004	mg/L		19-JUN-06	QLI	R411367
Boron (B)		<0.05		0.05	mg/L		19-JUN-06	QLI	R411367
Barium (Ba)		0.022		0.003	mg/L		19-JUN-06	QLI	R411367
Beryllium (Be)		<0.001		0.001	mg/L		19-JUN-06	QLI	R411367
Cadmium (Cd)		<0.0002		0.0002	mg/L		19-JUN-06	QLI	R411367
Cobalt (Co)		<0.002		0.002	mg/L		19-JUN-06	QLI	R411367
Chromium (Cr)		<0.005		0.005	mg/L		19-JUN-06	QLI	R411367
Copper (Cu)		0.002		0.001	mg/L		19-JUN-06	QLI	R411367
Mercury (Hg)		<0.0002		0.0002	mg/L		19-JUN-06	QLI	R411367
Lithium (Li)		<0.01		0.01	mg/L		19-JUN-06	QLI	R411367
Molybdenum (Mo)		<0.005		0.005	mg/L		19-JUN-06	QLI	R411367
Nickel (Ni)		0.002		0.002	mg/L		19-JUN-06	QLI	R411367
Lead (Pb)		<0.0001		0.0001	mg/L		19-JUN-06	QLI	R411367
Antimony (Sb)		0.0011		0.0004	mg/L		19-JUN-06	QLI	R411367
Selenium (Se)		<0.0004		0.0004	mg/L		19-JUN-06	QLI	R411367
Tin (Sn)		<0.05		0.05	mg/L		19-JUN-06	QLI	R411367
Titanium (Ti)		<0.001		0.001	mg/L		19-JUN-06	QLI	R411367
Thallium (Tl)		<0.0001		0.0001	mg/L		19-JUN-06	QLI	R411367
Uranium (U)		0.0002		0.0001	mg/L		19-JUN-06	QLI	R411367
Vanadium (V)		<0.001		0.001	mg/L		19-JUN-06	QLI	R411367
Zinc (Zn)		0.016		0.004	mg/L		19-JUN-06	QLI	R411367
Alkalinity, Total (as CaCO3)									
Ammonia-N		<5		5	mg/L		17-JUN-06	PTT	R410935
Chloride (Cl)		<0.05		0.05	mg/L		19-JUN-06	KMY	R410866
Conductivity (EC)		32		1	mg/L		18-JUN-06	WYA	R410558
Nitrate-N		179		0.2	uS/cm		17-JUN-06	PTT	R410935
Nitrite-N		1.7		0.1	mg/L		17-JUN-06	SEL	R410459
		<0.05		0.05	mg/L		17-JUN-06	SEL	R410459

Sample Details/Parameters		Result	Qualifier*	D.L	Units	Extracted	Analyzed	By	Batch
L400630-5	200-5A								
Sample By:	DBS on 14-JUN-06								
Matrix:									
	Sulphate (SO4)	18.0		0.5	mg/L		19-JUN-06	JTV	R409820
	Total Suspended Solids	<3		3	mg/L		20-JUN-06	SVG	R411214
	pH	6.9		0.1	pH		17-JUN-06	PTT	R410935
* Refer to Referenced Information for Qualifiers (if any) and Methodology.									

Reference Information

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:

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. - Detection 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.



Environmental Division

PRELIMINARY RESULTS

WOLFDEN RESOURCES INC.

ATTN: DAVE STEVENSON

401 - 1113 JADE COURT

THUNDER BAY ON P7B 6M7

Report On: 04-JUL-06 05:08 PM

Lab Work Order #: **L402888**

Date Received: **22-JUN-06**

Project P.O. #:

Job Reference:

Legal Site Desc:

CofC Numbers: 38439

Comments:

DOUG JOHNSON
Director of Operations, Edmonton

ERIN ANDERSON
Account Manager

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



ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier	D.L.	Units	Extracted	Analyzed	By	Batch
L402888-1	200-2								
Sample By:	RW on 21-JUN-06 @ 09:32								
Matrix:	WATER								
Hardness									
Calcium (Ca)		9.7		0.5	mg/L		23-JUN-06	JWU	R412430
Hardness (as CaCO ₃)		33			mg/L		26-JUN-06		
Magnesium (Mg)		2.1		0.1	mg/L		23-JUN-06	JWU	R412430
Dissolved Metals - CCME									
Dissolved Major Metals									
Calcium (Ca)		7.0		0.5	mg/L		23-JUN-06	HAS	R412691
Potassium (K)		1.1		0.1	mg/L		23-JUN-06	HAS	R412691
Magnesium (Mg)		1.69		0.01	mg/L		23-JUN-06	HAS	R412691
Sodium (Na)		8.0		0.5	mg/L		23-JUN-06	HAS	R412691
Iron (Fe)		0.111		0.005	mg/L		23-JUN-06	HAS	R412691
Manganese (Mn)		0.014		0.001	mg/L		23-JUN-06	HAS	R412691
Dissolved Trace Metals									
Silver (Ag)		<0.0001		0.0001	mg/L		23-JUN-06	QLI	R412705
Aluminum (Al)		0.08		0.01	mg/L		23-JUN-06	QLI	R412705
Arsenic (As)		0.0008		0.0004	mg/L		23-JUN-06	QLI	R412705
Boron (B)		<0.05		0.05	mg/L		23-JUN-06	QLI	R412705
Barium (Ba)		0.005		0.003	mg/L		23-JUN-06	QLI	R412705
Beryllium (Be)		<0.001		0.001	mg/L		23-JUN-06	QLI	R412705
Cadmium (Cd)		<0.0001		0.0001	mg/L		23-JUN-06	QLI	R412705
Cobalt (Co)		<0.002		0.002	mg/L		23-JUN-06	QLI	R412705
Chromium (Cr)		<0.005		0.005	mg/L		23-JUN-06	QLI	R412705
Copper (Cu)		0.005		0.001	mg/L		23-JUN-06	QLI	R412705
Mercury (Hg)		<0.0001		0.0001	mg/L		23-JUN-06	QLI	R412705
Lithium (Li)		<0.003		0.003	mg/L		23-JUN-06	QLI	R412705
Molybdenum (Mo)		<0.005		0.005	mg/L		23-JUN-06	QLI	R412705
Nickel (Ni)		<0.002		0.002	mg/L		23-JUN-06	QLI	R412705
Lead (Pb)		0.0006		0.0001	mg/L		23-JUN-06	QLI	R412705
Antimony (Sb)		<0.0004		0.0004	mg/L		23-JUN-06	QLI	R412705
Selenium (Se)		<0.0004		0.0004	mg/L		23-JUN-06	QLI	R412705
Tin (Sn)		<0.05		0.05	mg/L		23-JUN-06	QLI	R412705
Titanium (Ti)		0.003		0.001	mg/L		23-JUN-06	QLI	R412705
Thallium (Tl)		<0.0001		0.0001	mg/L		23-JUN-06	QLI	R412705
Uranium (U)		0.0002		0.0001	mg/L		23-JUN-06	QLI	R412705
Vanadium (V)		<0.001		0.001	mg/L		23-JUN-06	QLI	R412705
Zinc (Zn)		0.023		0.002	mg/L		23-JUN-06	QLI	R412705
Total Metals - CCME									
Total Major Metals									
Calcium (Ca)		6.9		0.5	mg/L		27-JUN-06	SYF	R413809
Potassium (K)		1.0		0.1	mg/L		27-JUN-06	SYF	R413809
Magnesium (Mg)		1.8		0.1	mg/L		27-JUN-06	SYF	R413809
Sodium (Na)		8		1	mg/L		27-JUN-06	SYF	R413809
Iron (Fe)		0.646		0.005	mg/L		27-JUN-06	SYF	R413809
Manganese (Mn)		0.019		0.001	mg/L		27-JUN-06	SYF	R413809
Total Trace Metals									
Silver (Ag)		<0.0004		0.0004	mg/L		26-JUN-06	QLI	R413746
Aluminum (Al)		0.38		0.01	mg/L		26-JUN-06	QLI	R413746
Arsenic (As)		0.0018		0.0004	mg/L		26-JUN-06	QLI	R413746
Boron (B)		<0.05		0.05	mg/L		26-JUN-06	QLI	R413746
Barium (Ba)		0.007		0.003	mg/L		26-JUN-06	QLI	R413746
Beryllium (Be)		<0.001		0.001	mg/L		26-JUN-06	QLI	R413746
Cadmium (Cd)		<0.0002		0.0002	mg/L		26-JUN-06	QLI	R413746

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier	D.L.	Units	Extracted	Analyzed	By	Batch
L402888-1	200-2								
Sample By:	RW on 21-JUN-06 @ 09:32								
Matrix:	WATER								
Total Metals - CCME									
Total Trace Metals									
Cobalt (Co)		<0.002		0.002	mg/L		26-JUN-06	QLI	R413746
Chromium (Cr)		<0.005		0.005	mg/L		26-JUN-06	QLI	R413746
Copper (Cu)		0.008		0.001	mg/L		26-JUN-06	QLI	R413746
Mercury (Hg)		<0.0002		0.0002	mg/L		26-JUN-06	QLI	R413746
Lithium (Li)		<0.01		0.01	mg/L		26-JUN-06	QLI	R413746
Molybdenum (Mo)		<0.005		0.005	mg/L		26-JUN-06	QLI	R413746
Nickel (Ni)		<0.002		0.002	mg/L		26-JUN-06	QLI	R413746
Lead (Pb)		0.0039		0.0001	mg/L		26-JUN-06	QLI	R413746
Antimony (Sb)		0.0005		0.0004	mg/L		26-JUN-06	QLI	R413746
Selenium (Se)		0.0017		0.0004	mg/L		26-JUN-06	QLI	R413746
Tin (Sn)		<0.05		0.05	mg/L		26-JUN-06	QLI	R413746
Titanium (Ti)		0.024		0.001	mg/L		26-JUN-06	QLI	R413746
Thallium (Tl)		<0.0001		0.0001	mg/L		26-JUN-06	QLI	R413746
Uranium (U)		0.0003		0.0001	mg/L		26-JUN-06	QLI	R413746
Vanadium (V)		<0.001		0.001	mg/L		26-JUN-06	QLI	R413746
Zinc (Zn)		0.026		0.004	mg/L		26-JUN-06	QLI	R413746
Alkalinity, Total (as CaCO ₃)		<5		5	mg/L		23-JUN-06	JPA	R413295
Ammonia-N		0.52		0.05	mg/L		23-JUN-06	KMY	R412540
Chloride (Cl)		17		1	mg/L		22-JUN-06	WYA	R412079
Conductivity (EC)		122		0.2	uS/cm		23-JUN-06	JPA	R413295
Nitrate-N		0.7		0.1	mg/L		22-JUN-06	SHC	R412261
Nitrite-N		0.09		0.05	mg/L		22-JUN-06	SHC	R412261
Sulphate (SO ₄)		14.6		0.5	mg/L		23-JUN-06	JTV	R412438
Total Suspended Solids		13		3	mg/L		23-JUN-06	SVG	R412538
pH		7.0		0.1	pH		23-JUN-06	JPA	R413295
L402888-2	200-3								
Sample By:	RW on 21-JUN-06 @ 09:04								
Matrix:	WATER								
Hardness									
Calcium (Ca)		83.6		0.5	mg/L		23-JUN-06	JWU	R412430
Hardness (as CaCO ₃)		254			mg/L		26-JUN-06		
Magnesium (Mg)		11.0		0.1	mg/L		23-JUN-06	JWU	R412430
Dissolved Metals - CCME									
Dissolved Major Metals									
Calcium (Ca)		72.9	RRVAP	0.5	mg/L		23-JUN-06	HAS	R412691
Potassium (K)		7.5	RRVAP	0.1	mg/L		23-JUN-06	HAS	R412691
Magnesium (Mg)		9.19	RRVAP	0.01	mg/L		23-JUN-06	HAS	R412691
Sodium (Na)		204	RRVAP	0.5	mg/L		23-JUN-06	HAS	R412691
Iron (Fe)		0.027		0.005	mg/L		23-JUN-06	HAS	R412691
Manganese (Mn)		0.123	RRVAP	0.001	mg/L		23-JUN-06	HAS	R412691
Dissolved Trace Metals									
Silver (Ag)		<0.0001		0.0001	mg/L		23-JUN-06	QLI	R412705
Aluminum (Al)		0.03		0.01	mg/L		23-JUN-06	QLI	R412705
Arsenic (As)		0.0008		0.0004	mg/L		23-JUN-06	QLI	R412705
Boron (B)		<0.05		0.05	mg/L		23-JUN-06	QLI	R412705
Barium (Ba)		0.083	RRVAP	0.003	mg/L		23-JUN-06	QLI	R412705
Beryllium (Be)		<0.001		0.001	mg/L		23-JUN-06	QLI	R412705
Cadmium (Cd)		0.0013		0.0001	mg/L		23-JUN-06	QLI	R412705

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L	Units	Extracted	Analyzed	By	Batch
L402888-2	200-3								
Sample By:	RW on 21-JUN-06 @ 09:04								
Matrix:	WATER								
Dissolved Metals - CCME									
Dissolved Trace Metals									
Cobalt (Co)		<0.002		0.002	mg/L		23-JUN-06	QLI	R412705
Chromium (Cr)		<0.005		0.005	mg/L		23-JUN-06	QLI	R412705
Copper (Cu)		0.002		0.001	mg/L		23-JUN-06	QLI	R412705
Mercury (Hg)		<0.0001		0.0001	mg/L		23-JUN-06	QLI	R412705
Lithium (Li)		<0.003		0.003	mg/L		23-JUN-06	QLI	R412705
Molybdenum (Mo)		<0.005		0.005	mg/L		23-JUN-06	QLI	R412705
Nickel (Ni)		0.007		0.002	mg/L		23-JUN-06	QLI	R412705
Lead (Pb)		<0.0001		0.0001	mg/L		23-JUN-06	QLI	R412705
Antimony (Sb)		0.0005		0.0004	mg/L		23-JUN-06	QLI	R412705
Selenium (Se)		0.0006		0.0004	mg/L		23-JUN-06	QLI	R412705
Tin (Sn)		<0.05		0.05	mg/L		23-JUN-06	QLI	R412705
Titanium (Ti)		0.002		0.001	mg/L		23-JUN-06	QLI	R412705
Thallium (Tl)		<0.0001		0.0001	mg/L		23-JUN-06	QLI	R412705
Uranium (U)		0.0005		0.0001	mg/L		23-JUN-06	QLI	R412705
Vanadium (V)		0.004		0.001	mg/L		23-JUN-06	QLI	R412705
Zinc (Zn)		0.063	RRVAP	0.002	mg/L		23-JUN-06	QLI	R412705
Total Metals - CCME									
Total Major Metals									
Calcium (Ca)		13.1	RRVAP	0.5	mg/L		27-JUN-06	SYF	R413809
Potassium (K)		1.2	RRVAP	0.1	mg/L		27-JUN-06	SYF	R413809
Magnesium (Mg)		2.4	RRVAP	0.1	mg/L		27-JUN-06	SYF	R413809
Sodium (Na)		22	RRVAP	1	mg/L		27-JUN-06	SYF	R413809
Iron (Fe)		0.053		0.005	mg/L		27-JUN-06	SYF	R413809
Manganese (Mn)		0.018	RRVAP	0.001	mg/L		27-JUN-06	SYF	R413809
Total Trace Metals									
Silver (Ag)		<0.0004		0.0004	mg/L		26-JUN-06	QLI	R413746
Aluminum (Al)		0.04		0.01	mg/L		26-JUN-06	QLI	R413746
Arsenic (As)		0.0006		0.0004	mg/L		26-JUN-06	QLI	R413746
Boron (B)		<0.05		0.05	mg/L		26-JUN-06	QLI	R413746
Barium (Ba)		0.018	RRVAP	0.003	mg/L		26-JUN-06	QLI	R413746
Beryllium (Be)		<0.001		0.001	mg/L		26-JUN-06	QLI	R413746
Cadmium (Cd)		<0.0002		0.0002	mg/L		26-JUN-06	QLI	R413746
Cobalt (Co)		<0.002		0.002	mg/L		26-JUN-06	QLI	R413746
Chromium (Cr)		<0.005		0.005	mg/L		26-JUN-06	QLI	R413746
Copper (Cu)		0.002		0.001	mg/L		26-JUN-06	QLI	R413746
Mercury (Hg)		<0.0002		0.0002	mg/L		26-JUN-06	QLI	R413746
Lithium (Li)		<0.01		0.01	mg/L		26-JUN-06	QLI	R413746
Molybdenum (Mo)		<0.005		0.005	mg/L		26-JUN-06	QLI	R413746
Nickel (Ni)		0.002		0.002	mg/L		26-JUN-06	QLI	R413746
Lead (Pb)		<0.0001		0.0001	mg/L		26-JUN-06	QLI	R413746
Antimony (Sb)		<0.0004		0.0004	mg/L		26-JUN-06	QLI	R413746
Selenium (Se)		0.0021		0.0004	mg/L		26-JUN-06	QLI	R413746
Tin (Sn)		<0.05		0.05	mg/L		26-JUN-06	QLI	R413746
Titanium (Ti)		0.001		0.001	mg/L		26-JUN-06	QLI	R413746
Thallium (Tl)		<0.0001		0.0001	mg/L		26-JUN-06	QLI	R413746
Uranium (U)		<0.0001		0.0001	mg/L		26-JUN-06	QLI	R413746
Vanadium (V)		<0.001		0.001	mg/L		26-JUN-06	QLI	R413746
Zinc (Zn)		0.005		0.004	mg/L		26-JUN-06	QLI	R413746
Alkalinity, Total (as CaCO ₃)		33		5	mg/L		23-JUN-06	JPA	R413295

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L402888-2	200-3								
Sample By:	RW on 21-JUN-06 @ 09:04								
Matrix:	WATER								
Ammonia-N		7.17		0.05	mg/L		23-JUN-06	KMY	R412540
Chloride (Cl)		322		1	mg/L		22-JUN-06	WYA	R412079
Conductivity (EC)		1490		0.2	uS/cm		23-JUN-06	JPA	R413295
Nitrate-N		21.6		0.1	mg/L		22-JUN-06	SHC	R412261
Nitrite-N		1.49		0.05	mg/L		22-JUN-06	SHC	R412261
Sulphate (SO4)		79.5		0.5	mg/L		23-JUN-06	JTV	R412438
Total Suspended Solids		4		3	mg/L		23-JUN-06	SVG	R412538
pH		7.6		0.1	pH		23-JUN-06	JPA	R413295
L402888-3	200-4								
Sample By:	RW on 21-JUN-06 @ 08:46								
Matrix:	WATER								
Hardness									
Calcium (Ca)		14.7		0.5	mg/L		23-JUN-06	JWU	R412430
Hardness (as CaCO3)		48			mg/L		26-JUN-06		
Magnesium (Mg)		2.8		0.1	mg/L		23-JUN-06	JWU	R412430
Dissolved Metals - CCME									
Dissolved Major Metals									
Calcium (Ca)		73.1	RRVAP	0.5	mg/L		23-JUN-06	HAS	R412691
Potassium (K)		7.2	RRVAP	0.1	mg/L		23-JUN-06	HAS	R412691
Magnesium (Mg)		9.11	RRVAP	0.01	mg/L		23-JUN-06	HAS	R412691
Sodium (Na)		205	RRVAP	0.5	mg/L		23-JUN-06	HAS	R412691
Iron (Fe)		0.040		0.005	mg/L		23-JUN-06	HAS	R412691
Manganese (Mn)		0.123	RRVAP	0.001	mg/L		23-JUN-06	HAS	R412691
Dissolved Trace Metals									
Silver (Ag)		<0.0001		0.0001	mg/L		23-JUN-06	QLI	R412705
Aluminum (Al)		0.04		0.01	mg/L		23-JUN-06	QLI	R412705
Arsenic (As)		0.0008		0.0004	mg/L		23-JUN-06	QLI	R412705
Boron (B)		<0.05		0.05	mg/L		23-JUN-06	QLI	R412705
Barium (Ba)		0.082	RRVAP	0.003	mg/L		23-JUN-06	QLI	R412705
Beryllium (Be)		<0.001		0.001	mg/L		23-JUN-06	QLI	R412705
Cadmium (Cd)		0.0013		0.0001	mg/L		23-JUN-06	QLI	R412705
Cobalt (Co)		<0.002		0.002	mg/L		23-JUN-06	QLI	R412705
Chromium (Cr)		<0.005		0.005	mg/L		23-JUN-06	QLI	R412705
Copper (Cu)		0.002		0.001	mg/L		23-JUN-06	QLI	R412705
Mercury (Hg)		<0.0001		0.0001	mg/L		23-JUN-06	QLI	R412705
Lithium (Li)		<0.003		0.003	mg/L		23-JUN-06	QLI	R412705
Molybdenum (Mo)		<0.005		0.005	mg/L		23-JUN-06	QLI	R412705
Nickel (Ni)		0.007		0.002	mg/L		23-JUN-06	QLI	R412705
Lead (Pb)		<0.0001		0.0001	mg/L		23-JUN-06	QLI	R412705
Antimony (Sb)		0.0005		0.0004	mg/L		23-JUN-06	QLI	R412705
Selenium (Se)		0.0007		0.0004	mg/L		23-JUN-06	QLI	R412705
Tin (Sn)		<0.05		0.05	mg/L		23-JUN-06	QLI	R412705
Titanium (Ti)		0.001		0.001	mg/L		23-JUN-06	QLI	R412705
Thallium (Tl)		<0.0001		0.0001	mg/L		23-JUN-06	QLI	R412705
Uranium (U)		0.0005		0.0001	mg/L		23-JUN-06	QLI	R412705
Vanadium (V)		0.006		0.001	mg/L		23-JUN-06	QLI	R412705
Zinc (Zn)		0.063	RRVAP	0.002	mg/L		23-JUN-06	QLI	R412705
Total Metals - CCME									
Total Major Metals									
Calcium (Ca)		13.0	RRVAP	0.5	mg/L		27-JUN-06	SYF	R413809

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier	D.L	Units	Extracted	Analyzed	By	Batch
L402888-3	200-4								
Sample By:	RW on 21-JUN-06 @ 08:46								
Matrix:	WATER								
Total Metals - CCME									
Total Major Metals									
Potassium (K)		1.3	RRVAP	0.1	mg/L		27-JUN-06	SYF	R413809
Magnesium (Mg)		2.4	RRVAP	0.1	mg/L		27-JUN-06	SYF	R413809
Sodium (Na)		22	RRVAP	1	mg/L		27-JUN-06	SYF	R413809
Iron (Fe)		0.056		0.005	mg/L		27-JUN-06	SYF	R413809
Manganese (Mn)		0.020	RRVAP	0.001	mg/L		27-JUN-06	SYF	R413809
Total Trace Metals									
Silver (Ag)		<0.0004		0.0004	mg/L		26-JUN-06	QLI	R413746
Aluminum (Al)		0.04		0.01	mg/L		26-JUN-06	QLI	R413746
Arsenic (As)		0.0005		0.0004	mg/L		26-JUN-06	QLI	R413746
Boron (B)		<0.05		0.05	mg/L		26-JUN-06	QLI	R413746
Barium (Ba)		0.019	RRVAP	0.003	mg/L		26-JUN-06	QLI	R413746
Beryllium (Be)		<0.001		0.001	mg/L		26-JUN-06	QLI	R413746
Cadmium (Cd)		<0.0002		0.0002	mg/L		26-JUN-06	QLI	R413746
Cobalt (Co)		<0.002		0.002	mg/L		26-JUN-06	QLI	R413746
Chromium (Cr)		<0.005		0.005	mg/L		26-JUN-06	QLI	R413746
Copper (Cu)		0.002		0.001	mg/L		26-JUN-06	QLI	R413746
Mercury (Hg)		<0.0002		0.0002	mg/L		26-JUN-06	QLI	R413746
Lithium (Li)		<0.01		0.01	mg/L		26-JUN-06	QLI	R413746
Molybdenum (Mo)		<0.005		0.005	mg/L		26-JUN-06	QLI	R413746
Nickel (Ni)		0.002		0.002	mg/L		26-JUN-06	QLI	R413746
Lead (Pb)		<0.0001		0.0001	mg/L		26-JUN-06	QLI	R413746
Antimony (Sb)		<0.0004		0.0004	mg/L		26-JUN-06	QLI	R413746
Selenium (Se)		0.0026		0.0004	mg/L		26-JUN-06	QLI	R413746
Tin (Sn)		<0.05		0.05	mg/L		26-JUN-06	QLI	R413746
Titanium (Ti)		0.001		0.001	mg/L		26-JUN-06	QLI	R413746
Thallium (Tl)		<0.0001		0.0001	mg/L		26-JUN-06	QLI	R413746
Uranium (U)		<0.0001		0.0001	mg/L		26-JUN-06	QLI	R413746
Vanadium (V)		<0.001		0.001	mg/L		26-JUN-06	QLI	R413746
Zinc (Zn)		0.007		0.004	mg/L		26-JUN-06	QLI	R413746
Alkalinity, Total (as CaCO3)		<5		5	mg/L		23-JUN-06	JPA	R413295
Ammonia-N		0.42		0.05	mg/L		23-JUN-06	KMY	R412540
Chloride (Cl)		47		1	mg/L		22-JUN-06	WYA	R412079
Conductivity (EC)		261		0.2	uS/cm		23-JUN-06	JPA	R413295
Nitrate-N		2.1		0.1	mg/L		22-JUN-06	SHC	R412261
Nitrite-N		<0.05		0.05	mg/L		22-JUN-06	SHC	R412261
Sulphate (SO4)		18.6		0.5	mg/L		23-JUN-06	JTV	R412438
Total Suspended Solids		5		3	mg/L		23-JUN-06	SVG	R412538
pH		7.0		0.1	pH		23-JUN-06	JPA	R413295
L402888-4	200-5								
Sample By:	RW on 21-JUN-06 @ 07:58								
Matrix:	WATER								
Hardness									
Calcium (Ca)		2.2		0.5	mg/L		23-JUN-06	JWU	R412430
Hardness (as CaCO3)		10			mg/L		26-JUN-06		
Magnesium (Mg)		1.0		0.1	mg/L		23-JUN-06	JWU	R412430
Dissolved Metals - CCME									
Dissolved Major Metals									
Calcium (Ca)		2.0		0.5	mg/L		23-JUN-06	HAS	R412691

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L402888-4	200-5								
Sample By:	RW on 21-JUN-06 @ 07:58								
Matrix:	WATER								
Dissolved Metals - CCME									
Dissolved Major Metals									
Potassium (K)		0.4		0.1	mg/L		23-JUN-06	HAS	R412691
Magnesium (Mg)		0.96		0.01	mg/L		23-JUN-06	HAS	R412691
Sodium (Na)		1.0		0.5	mg/L		23-JUN-06	HAS	R412691
Iron (Fe)		0.013		0.005	mg/L		23-JUN-06	HAS	R412691
Manganese (Mn)		0.006		0.001	mg/L		23-JUN-06	HAS	R412691
Dissolved Trace Metals									
Silver (Ag)		<0.0001		0.0001	mg/L		23-JUN-06	QLI	R412705
Aluminum (Al)		0.03		0.01	mg/L		23-JUN-06	QLI	R412705
Arsenic (As)		<0.0004		0.0004	mg/L		23-JUN-06	QLI	R412705
Boron (B)		<0.05		0.05	mg/L		23-JUN-06	QLI	R412705
Barium (Ba)		<0.003		0.003	mg/L		23-JUN-06	QLI	R412705
Beryllium (Be)		<0.001		0.001	mg/L		23-JUN-06	QLI	R412705
Cadmium (Cd)		<0.0001		0.0001	mg/L		23-JUN-06	QLI	R412705
Cobalt (Co)		<0.002		0.002	mg/L		23-JUN-06	QLI	R412705
Chromium (Cr)		<0.005		0.005	mg/L		23-JUN-06	QLI	R412705
Copper (Cu)		0.002		0.001	mg/L		23-JUN-06	QLI	R412705
Mercury (Hg)		<0.0001		0.0001	mg/L		23-JUN-06	QLI	R412705
Lithium (Li)		<0.003		0.003	mg/L		23-JUN-06	QLI	R412705
Molybdenum (Mo)		<0.005		0.005	mg/L		23-JUN-06	QLI	R412705
Nickel (Ni)		<0.002		0.002	mg/L		23-JUN-06	QLI	R412705
Lead (Pb)		<0.0001		0.0001	mg/L		23-JUN-06	QLI	R412705
Antimony (Sb)		<0.0004		0.0004	mg/L		23-JUN-06	QLI	R412705
Selenium (Se)		<0.0004		0.0004	mg/L		23-JUN-06	QLI	R412705
Tin (Sn)		<0.05		0.05	mg/L		23-JUN-06	QLI	R412705
Titanium (Ti)		<0.001		0.001	mg/L		23-JUN-06	QLI	R412705
Thallium (Tl)		<0.0001		0.0001	mg/L		23-JUN-06	QLI	R412705
Uranium (U)		<0.0001		0.0001	mg/L		23-JUN-06	QLI	R412705
Vanadium (V)		<0.001		0.001	mg/L		23-JUN-06	QLI	R412705
Zinc (Zn)		0.005		0.002	mg/L		23-JUN-06	QLI	R412705
Total Metals - CCME									
Total Major Metals									
Calcium (Ca)		1.8		0.5	mg/L		27-JUN-06	SYF	R413809
Potassium (K)		0.3		0.1	mg/L		27-JUN-06	SYF	R413809
Magnesium (Mg)		0.8		0.1	mg/L		27-JUN-06	SYF	R413809
Sodium (Na)		<1		1	mg/L		27-JUN-06	SYF	R413809
Iron (Fe)		0.048		0.005	mg/L		27-JUN-06	SYF	R413809
Manganese (Mn)		0.010		0.001	mg/L		27-JUN-06	SYF	R413809
Total Trace Metals									
Silver (Ag)		<0.0004		0.0004	mg/L		26-JUN-06	QLI	R413746
Aluminum (Al)		0.04		0.01	mg/L		26-JUN-06	QLI	R413746
Arsenic (As)		<0.0004		0.0004	mg/L		26-JUN-06	QLI	R413746
Boron (B)		<0.05		0.05	mg/L		26-JUN-06	QLI	R413746
Barium (Ba)		0.003		0.003	mg/L		26-JUN-06	QLI	R413746
Beryllium (Be)		<0.001		0.001	mg/L		26-JUN-06	QLI	R413746
Cadmium (Cd)		<0.0002		0.0002	mg/L		26-JUN-06	QLI	R413746
Cobalt (Co)		<0.002		0.002	mg/L		26-JUN-06	QLI	R413746
Chromium (Cr)		<0.005		0.005	mg/L		26-JUN-06	QLI	R413746
Copper (Cu)		0.002		0.001	mg/L		26-JUN-06	QLI	R413746
Mercury (Hg)		<0.0002		0.0002	mg/L		26-JUN-06	QLI	R413746
Lithium (Li)		<0.01		0.01	mg/L		26-JUN-06	QLI	R413746

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier	D.L.	Units	Extracted	Analyzed	By	Batch
L402888-4	200-5								
Sample By:	RW on 21-JUN-06 @ 07:58								
Matrix:	WATER								
Total Metals - CCME									
Total Trace Metals									
Molybdenum (Mo)		<0.005		0.005	mg/L		26-JUN-06	QLI	R413746
Nickel (Ni)		0.002		0.002	mg/L		26-JUN-06	QLI	R413746
Lead (Pb)		<0.0001		0.0001	mg/L		26-JUN-06	QLI	R413746
Antimony (Sb)		<0.0004		0.0004	mg/L		26-JUN-06	QLI	R413746
Selenium (Se)		0.0016		0.0004	mg/L		26-JUN-06	QLI	R413746
Tin (Sn)		<0.05		0.05	mg/L		26-JUN-06	QLI	R413746
Titanium (Ti)		0.001		0.001	mg/L		26-JUN-06	QLI	R413746
Thallium (Tl)		<0.0001		0.0001	mg/L		26-JUN-06	QLI	R413746
Uranium (U)		<0.0001		0.0001	mg/L		26-JUN-06	QLI	R413746
Vanadium (V)		<0.001		0.001	mg/L		26-JUN-06	QLI	R413746
Zinc (Zn)		<0.004		0.004	mg/L		26-JUN-06	QLI	R413746
Alkalinity, Total (as CaCO3)		<5		5	mg/L		23-JUN-06	JPA	R413295
Ammonia-N		<0.05		0.05	mg/L		23-JUN-06	KMY	R412540
Chloride (Cl)		3		1	mg/L		22-JUN-06	WYA	R412079
Conductivity (EC)		36.0		0.2	uS/cm		23-JUN-06	JPA	R413295
Nitrate-N		<0.1		0.1	mg/L		22-JUN-06	SHC	R412261
Nitrite-N		<0.05		0.05	mg/L		22-JUN-06	SHC	R412261
Sulphate (SO4)		4.2		0.5	mg/L		23-JUN-06	JTV	R412438
Total Suspended Solids		4		3	mg/L		23-JUN-06	SVG	R412538
pH		6.9		0.1	pH		23-JUN-06	JPA	R413295
L402888-5	200-5A								
Sample By:	RW on 21-JUN-06 @ 08:25								
Matrix:	WATER								
Hardness									
Calcium (Ca)		11.5		0.5	mg/L		23-JUN-06	JWU	R412430
Hardness (as CaCO3)		42			mg/L		26-JUN-06		
Magnesium (Mg)		3.2		0.1	mg/L		23-JUN-06	JWU	R412430
Dissolved Metals - CCME									
Dissolved Major Metals									
Calcium (Ca)		10.8		0.5	mg/L		23-JUN-06	HAS	R412691
Potassium (K)		1.1		0.1	mg/L		23-JUN-06	HAS	R412691
Magnesium (Mg)		2.92		0.01	mg/L		23-JUN-06	HAS	R412691
Sodium (Na)		16.7		0.5	mg/L		23-JUN-06	HAS	R412691
Iron (Fe)		0.007		0.005	mg/L		23-JUN-06	HAS	R412691
Manganese (Mn)		0.004		0.001	mg/L		23-JUN-06	HAS	R412691
Dissolved Trace Metals									
Silver (Ag)		<0.0001		0.0001	mg/L		23-JUN-06	QLI	R412705
Aluminum (Al)		0.08		0.01	mg/L		23-JUN-06	QLI	R412705
Arsenic (As)		<0.0004		0.0004	mg/L		23-JUN-06	QLI	R412705
Boron (B)		<0.05		0.05	mg/L		23-JUN-06	QLI	R412705
Barium (Ba)		0.026		0.003	mg/L		23-JUN-06	QLI	R412705
Beryllium (Be)		<0.001		0.001	mg/L		23-JUN-06	QLI	R412705
Cadmium (Cd)		<0.0001		0.0001	mg/L		23-JUN-06	QLI	R412705
Cobalt (Co)		<0.002		0.002	mg/L		23-JUN-06	QLI	R412705
Chromium (Cr)		<0.005		0.005	mg/L		23-JUN-06	QLI	R412705
Copper (Cu)		0.001		0.001	mg/L		23-JUN-06	QLI	R412705
Mercury (Hg)		<0.0001		0.0001	mg/L		23-JUN-06	QLI	R412705
Lithium (Li)		<0.003		0.003	mg/L		23-JUN-06	QLI	R412705

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L402888-5	200-5A								
Sample By:	RW on 21-JUN-06 @ 08:25								
Matrix:	WATER								
Dissolved Metals - CCME									
Dissolved Trace Metals									
Molybdenum (Mo)		<0.005		0.005	mg/L		23-JUN-06	QLI	R412705
Nickel (Ni)		0.002		0.002	mg/L		23-JUN-06	QLI	R412705
Lead (Pb)		<0.0001		0.0001	mg/L		23-JUN-06	QLI	R412705
Antimony (Sb)		<0.0004		0.0004	mg/L		23-JUN-06	QLI	R412705
Selenium (Se)		<0.0004		0.0004	mg/L		23-JUN-06	QLI	R412705
Tin (Sn)		<0.05		0.05	mg/L		23-JUN-06	QLI	R412705
Titanium (Ti)		<0.001		0.001	mg/L		23-JUN-06	QLI	R412705
Thallium (Tl)		<0.0001		0.0001	mg/L		23-JUN-06	QLI	R412705
Uranium (U)		0.0002		0.0001	mg/L		23-JUN-06	QLI	R412705
Vanadium (V)		0.001		0.001	mg/L		23-JUN-06	QLI	R412705
Zinc (Zn)		0.009		0.002	mg/L		23-JUN-06	QLI	R412705
Total Metals - CCME									
Total Major Metals									
Calcium (Ca)		10.6		0.5	mg/L		27-JUN-06	SYF	R413809
Potassium (K)		1.0		0.1	mg/L		27-JUN-06	SYF	R413809
Magnesium (Mg)		2.8		0.1	mg/L		27-JUN-06	SYF	R413809
Sodium (Na)		16		1	mg/L		27-JUN-06	SYF	R413809
Iron (Fe)		0.034		0.005	mg/L		27-JUN-06	SYF	R413809
Manganese (Mn)		0.007		0.001	mg/L		27-JUN-06	SYF	R413809
Total Trace Metals									
Silver (Ag)		<0.0004		0.0004	mg/L		26-JUN-06	QLI	R413746
Aluminum (Al)		0.10		0.01	mg/L		26-JUN-06	QLI	R413746
Arsenic (As)		<0.0004		0.0004	mg/L		26-JUN-06	QLI	R413746
Boron (B)		<0.05		0.05	mg/L		26-JUN-06	QLI	R413746
Barium (Ba)		0.028		0.003	mg/L		26-JUN-06	QLI	R413746
Beryllium (Be)		<0.001		0.001	mg/L		26-JUN-06	QLI	R413746
Cadmium (Cd)		<0.0002		0.0002	mg/L		26-JUN-06	QLI	R413746
Cobalt (Co)		<0.002		0.002	mg/L		26-JUN-06	QLI	R413746
Chromium (Cr)		<0.005		0.005	mg/L		26-JUN-06	QLI	R413746
Copper (Cu)		0.002		0.001	mg/L		26-JUN-06	QLI	R413746
Mercury (Hg)		<0.0002		0.0002	mg/L		26-JUN-06	QLI	R413746
Lithium (Li)		<0.01		0.01	mg/L		26-JUN-06	QLI	R413746
Molybdenum (Mo)		<0.005		0.005	mg/L		26-JUN-06	QLI	R413746
Nickel (Ni)		0.003		0.002	mg/L		26-JUN-06	QLI	R413746
Lead (Pb)		<0.0001		0.0001	mg/L		26-JUN-06	QLI	R413746
Antimony (Sb)		<0.0004		0.0004	mg/L		26-JUN-06	QLI	R413746
Selenium (Se)		0.0024		0.0004	mg/L		26-JUN-06	QLI	R413746
Tin (Sn)		<0.05		0.05	mg/L		26-JUN-06	QLI	R413746
Titanium (Ti)		0.002		0.001	mg/L		26-JUN-06	QLI	R413746
Thallium (Tl)		<0.0001		0.0001	mg/L		26-JUN-06	QLI	R413746
Uranium (U)		0.0003		0.0001	mg/L		26-JUN-06	QLI	R413746
Vanadium (V)		<0.001		0.001	mg/L		26-JUN-06	QLI	R413746
Zinc (Zn)		0.010		0.004	mg/L		26-JUN-06	QLI	R413746
Alkalinity, Total (as CaCO ₃)		<5		5	mg/L		23-JUN-06	JPA	R413295
Ammonia-N		<0.05		0.05	mg/L		23-JUN-06	KMY	R412540
Chloride (Cl)		37		1	mg/L		22-JUN-06	WYA	R412079
Conductivity (EC)		212		0.2	uS/cm		23-JUN-06	JPA	R413295
Nitrate-N		1.8		0.1	mg/L		22-JUN-06	SHC	R412261
Nitrite-N		<0.05		0.05	mg/L		22-JUN-06	SHC	R412261

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L402888-5	200-5A								
Sample By:	RW on 21-JUN-06 @ 08:25								
Matrix:	WATER								
	Sulphate (SO4)	16.7		0.5	mg/L		23-JUN-06	JTV	R412438
	Total Suspended Solids	3		3	mg/L		23-JUN-06	SVG	R412538
	pH	6.7		0.1	pH		23-JUN-06	JPA	R413295
* Refer to Referenced Information for Qualifiers (if any) and Methodology.									

Reference Information

Sample Parameter Qualifier key listed:

Qualifier	Description
RRVAP	Reported Result Verified by Alternate Process

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:

38439

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. - Detection 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.



Environmental Division

PRELIMINARY RESULTS

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

Report On: 10-JUL-06 05:43 PM

Lab Work Order #: L406064

Date Received: 30-JUN-06

Project P.O. #:
Job Reference: ULU
Legal Site Desc:
CofC Numbers: 38440

Comments:

DOUG JOHNSON
Director of Operations, Edmonton

ERIN ANDERSON
Account Manager

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



ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406064-1	200-2								
Sample By:	JM/ML on 28-JUN-06								
Matrix:	WATER								
Hardness									
Calcium (Ca)		3.1		0.5	mg/L		04-JUL-06	MLH	R415969
Hardness (as CaCO ₃)		10			mg/L		05-JUL-06		
Magnesium (Mg)		0.5		0.1	mg/L		04-JUL-06	MLH	R415969
Dissolved Metals - CCME									
Dissolved Major Metals									
Calcium (Ca)		2.3		0.5	mg/L		06-JUL-06	HAS	R416948
Potassium (K)		0.5		0.1	mg/L		06-JUL-06	HAS	R416948
Magnesium (Mg)		0.32		0.01	mg/L		06-JUL-06	HAS	R416948
Sodium (Na)		2.4		0.5	mg/L		06-JUL-06	HAS	R416948
Iron (Fe)		0.022		0.005	mg/L		06-JUL-06	HAS	R416948
Manganese (Mn)		0.008		0.001	mg/L		06-JUL-06	HAS	R416948
Dissolved Trace Metals									
Silver (Ag)		<0.0001		0.0001	mg/L		07-JUL-06	CVE	R417647
Aluminum (Al)		0.02		0.01	mg/L		07-JUL-06	CVE	R417647
Arsenic (As)		0.0005		0.0004	mg/L		07-JUL-06	CVE	R417647
Boron (B)		<0.05		0.05	mg/L		07-JUL-06	CVE	R417647
Barium (Ba)		<0.003		0.003	mg/L		07-JUL-06	CVE	R417647
Beryllium (Be)		<0.001		0.001	mg/L		07-JUL-06	CVE	R417647
Cadmium (Cd)		0.0002		0.0001	mg/L		07-JUL-06	CVE	R417647
Cobalt (Co)		<0.002		0.002	mg/L		07-JUL-06	CVE	R417647
Chromium (Cr)		<0.005		0.005	mg/L		07-JUL-06	CVE	R417647
Copper (Cu)		0.004		0.001	mg/L		07-JUL-06	CVE	R417647
Mercury (Hg)		<0.0001		0.0001	mg/L		07-JUL-06	CVE	R417647
Lithium (Li)		<0.003		0.003	mg/L		07-JUL-06	CVE	R417647
Molybdenum (Mo)		<0.005		0.005	mg/L		07-JUL-06	CVE	R417647
Nickel (Ni)		<0.002		0.002	mg/L		07-JUL-06	CVE	R417647
Lead (Pb)		0.0003		0.0001	mg/L		07-JUL-06	CVE	R417647
Antimony (Sb)		0.0013		0.0004	mg/L		07-JUL-06	CVE	R417647
Selenium (Se)		<0.0004		0.0004	mg/L		07-JUL-06	CVE	R417647
Tin (Sn)		<0.05		0.05	mg/L		07-JUL-06	CVE	R417647
Titanium (Ti)		<0.001		0.001	mg/L		07-JUL-06	CVE	R417647
Thallium (Tl)		<0.0001		0.0001	mg/L		07-JUL-06	CVE	R417647
Uranium (U)		<0.0001		0.0001	mg/L		07-JUL-06	CVE	R417647
Vanadium (V)		<0.001		0.001	mg/L		07-JUL-06	CVE	R417647
Zinc (Zn)		0.019		0.002	mg/L		07-JUL-06	CVE	R417647
Total Metals - CCME									
Total Major Metals									
Calcium (Ca)		2.1		0.5	mg/L		05-JUL-06	HAS	R416410
Potassium (K)		0.5		0.1	mg/L		05-JUL-06	HAS	R416410
Magnesium (Mg)		0.4		0.1	mg/L		05-JUL-06	HAS	R416410
Sodium (Na)		2		1	mg/L		05-JUL-06	HAS	R416410
Iron (Fe)		0.332		0.005	mg/L		05-JUL-06	HAS	R416410
Manganese (Mn)		0.009		0.001	mg/L		05-JUL-06	HAS	R416410
Total Trace Metals									
Silver (Ag)		<0.0004	RAMB	0.0004	mg/L		04-JUL-06	QLI	R416366
Aluminum (Al)		0.16		0.01	mg/L		04-JUL-06	QLI	R416366
Arsenic (As)		0.0006		0.0004	mg/L		04-JUL-06	QLI	R416366
Boron (B)		<0.05		0.05	mg/L		04-JUL-06	QLI	R416366
Barium (Ba)		0.005		0.003	mg/L		04-JUL-06	QLI	R416366
Beryllium (Be)		<0.001		0.001	mg/L		04-JUL-06	QLI	R416366
Cadmium (Cd)		0.0002		0.0002	mg/L		04-JUL-06	QLI	R416366

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406064-1	200-2								
Sample By:	JM/ML on 28-JUN-06								
Matrix:	WATER								
Total Metals - CCME									
Total Trace Metals									
	Cobalt (Co)	<0.002		0.002	mg/L		04-JUL-06	QLI	R416366
	Chromium (Cr)	<0.005		0.005	mg/L		04-JUL-06	QLI	R416366
	Copper (Cu)	0.008		0.001	mg/L		04-JUL-06	QLI	R416366
	Mercury (Hg)	<0.0002		0.0002	mg/L		04-JUL-06	QLI	R416366
	Lithium (Li)	<0.01		0.01	mg/L		04-JUL-06	QLI	R416366
	Molybdenum (Mo)	<0.005		0.005	mg/L		04-JUL-06	QLI	R416366
	Nickel (Ni)	<0.002		0.002	mg/L		04-JUL-06	QLI	R416366
	Lead (Pb)	0.0015		0.0001	mg/L		04-JUL-06	QLI	R416366
	Antimony (Sb)	0.0004		0.0004	mg/L		04-JUL-06	QLI	R416366
	Selenium (Se)	0.0004		0.0004	mg/L		04-JUL-06	QLI	R416366
	Tin (Sn)	<0.05		0.05	mg/L		04-JUL-06	QLI	R416366
	Titanium (Ti)	0.013		0.001	mg/L		04-JUL-06	QLI	R416366
	Thallium (Tl)	<0.0001		0.0001	mg/L		04-JUL-06	QLI	R416366
	Uranium (U)	<0.0001		0.0001	mg/L		04-JUL-06	QLI	R416366
	Vanadium (V)	<0.001		0.001	mg/L		04-JUL-06	QLI	R416366
	Zinc (Zn)	0.024		0.004	mg/L		04-JUL-06	QLI	R416366
	Alkalinity, Total (as CaCO3)	<5		5	mg/L		05-JUL-06	PTT	R416126
	Ammonia-N	0.16		0.05	mg/L		05-JUL-06	KMY	R416306
	Chloride (Cl)	3		1	mg/L		04-JUL-06	WYA	R416003
	Conductivity (EC)	31.8		0.2	uS/cm		05-JUL-06	PTT	R416126
	Nitrate-N	0.3		0.1	mg/L		04-JUL-06	SHC	R416426
	Nitrite-N	<0.05		0.05	mg/L		04-JUL-06	SHC	R416426
	Sulphate (SO4)	3.9		0.5	mg/L		04-JUL-06	JTV	R414659
	Total Suspended Solids	9		3	mg/L		05-JUL-06	SVG	R416244
	pH	6.8		0.1	pH		05-JUL-06	PTT	R416126
L406064-2	200-3								
Sample By:	JM/ML on 28-JUN-06								
Matrix:	WATER								
Hardness									
	Calcium (Ca)	55.9		0.5	mg/L		04-JUL-06	MLH	R415969
	Hardness (as CaCO3)	177			mg/L		05-JUL-06		
	Magnesium (Mg)	9.1		0.1	mg/L		04-JUL-06	MLH	R415969
Dissolved Metals - CCME									
Dissolved Major Metals									
	Calcium (Ca)	47.7		0.5	mg/L		06-JUL-06	HAS	R416948
	Potassium (K)	6.4		0.1	mg/L		06-JUL-06	HAS	R416948
	Magnesium (Mg)	7.71		0.01	mg/L		06-JUL-06	HAS	R416948
	Sodium (Na)	159		0.5	mg/L		06-JUL-06	HAS	R416948
	Iron (Fe)	0.028		0.005	mg/L		06-JUL-06	HAS	R416948
	Manganese (Mn)	0.111		0.001	mg/L		06-JUL-06	HAS	R416948
Dissolved Trace Metals									
	Silver (Ag)	<0.0001		0.0001	mg/L		07-JUL-06	CVE	R417647
	Aluminum (Al)	0.04		0.01	mg/L		07-JUL-06	CVE	R417647
	Arsenic (As)	0.0016		0.0004	mg/L		07-JUL-06	CVE	R417647
	Boron (B)	<0.05		0.05	mg/L		07-JUL-06	CVE	R417647
	Barium (Ba)	0.072		0.003	mg/L		07-JUL-06	CVE	R417647
	Beryllium (Be)	<0.001		0.001	mg/L		07-JUL-06	CVE	R417647
	Cadmium (Cd)	0.0015		0.0001	mg/L		07-JUL-06	CVE	R417647

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier	D.L.	Units	Extracted	Analyzed	By	Batch
L406064-2	200-3								
Sample By:	JM/ML on 28-JUN-06								
Matrix:	WATER								
Dissolved Metals - CCME									
Dissolved Trace Metals									
Cobalt (Co)		0.003		0.002	mg/L		07-JUL-06	CVE	R417647
Chromium (Cr)		<0.005		0.005	mg/L		07-JUL-06	CVE	R417647
Copper (Cu)		0.003		0.001	mg/L		07-JUL-06	CVE	R417647
Mercury (Hg)		<0.0001		0.0001	mg/L		07-JUL-06	CVE	R417647
Lithium (Li)		<0.003		0.003	mg/L		07-JUL-06	CVE	R417647
Molybdenum (Mo)		<0.005		0.005	mg/L		07-JUL-06	CVE	R417647
Nickel (Ni)		0.014		0.002	mg/L		07-JUL-06	CVE	R417647
Lead (Pb)		<0.0001		0.0001	mg/L		07-JUL-06	CVE	R417647
Antimony (Sb)		0.0014		0.0004	mg/L		07-JUL-06	CVE	R417647
Selenium (Se)		0.0086		0.0004	mg/L		07-JUL-06	CVE	R417647
Tin (Sn)		<0.05		0.05	mg/L		07-JUL-06	CVE	R417647
Titanium (Ti)		0.001		0.001	mg/L		07-JUL-06	CVE	R417647
Thallium (Tl)		0.0001		0.0001	mg/L		07-JUL-06	CVE	R417647
Uranium (U)		0.0004		0.0001	mg/L		07-JUL-06	CVE	R417647
Vanadium (V)		0.004		0.001	mg/L		07-JUL-06	CVE	R417647
Zinc (Zn)		0.068		0.002	mg/L		07-JUL-06	CVE	R417647
Total Metals - CCME									
Total Major Metals									
Calcium (Ca)		51.5		0.5	mg/L		05-JUL-06	HAS	R416410
Potassium (K)		6.4		0.1	mg/L		05-JUL-06	HAS	R416410
Magnesium (Mg)		8.1		0.1	mg/L		05-JUL-06	HAS	R416410
Sodium (Na)		178		1	mg/L		05-JUL-06	HAS	R416410
Iron (Fe)		0.144		0.005	mg/L		05-JUL-06	HAS	R416410
Manganese (Mn)		0.125		0.001	mg/L		05-JUL-06	HAS	R416410
Total Trace Metals									
Silver (Ag)		<0.0004	RAMB	0.0004	mg/L		04-JUL-06	QLI	R416366
Aluminum (Al)		0.13		0.01	mg/L		04-JUL-06	QLI	R416366
Arsenic (As)		0.0018		0.0004	mg/L		04-JUL-06	QLI	R416366
Boron (B)		<0.05		0.05	mg/L		04-JUL-06	QLI	R416366
Barium (Ba)		0.073		0.003	mg/L		04-JUL-06	QLI	R416366
Beryllium (Be)		<0.001		0.001	mg/L		04-JUL-06	QLI	R416366
Cadmium (Cd)		0.0010		0.0002	mg/L		04-JUL-06	QLI	R416366
Cobalt (Co)		0.002		0.002	mg/L		04-JUL-06	QLI	R416366
Chromium (Cr)		<0.005		0.005	mg/L		04-JUL-06	QLI	R416366
Copper (Cu)		0.003		0.001	mg/L		04-JUL-06	QLI	R416366
Mercury (Hg)		<0.0002		0.0002	mg/L		04-JUL-06	QLI	R416366
Lithium (Li)		<0.01		0.01	mg/L		04-JUL-06	QLI	R416366
Molybdenum (Mo)		<0.005		0.005	mg/L		04-JUL-06	QLI	R416366
Nickel (Ni)		0.011		0.002	mg/L		04-JUL-06	QLI	R416366
Lead (Pb)		0.0003		0.0001	mg/L		04-JUL-06	QLI	R416366
Antimony (Sb)		0.0006		0.0004	mg/L		04-JUL-06	QLI	R416366
Selenium (Se)		0.0089		0.0004	mg/L		04-JUL-06	QLI	R416366
Tin (Sn)		<0.05		0.05	mg/L		04-JUL-06	QLI	R416366
Titanium (Ti)		0.006		0.001	mg/L		04-JUL-06	QLI	R416366
Thallium (Tl)		0.0001		0.0001	mg/L		04-JUL-06	QLI	R416366
Uranium (U)		0.0005		0.0001	mg/L		04-JUL-06	QLI	R416366
Vanadium (V)		0.006		0.001	mg/L		04-JUL-06	QLI	R416366
Zinc (Zn)		0.061		0.004	mg/L		04-JUL-06	QLI	R416366
Alkalinity, Total (as CaCO3)		38		5	mg/L		05-JUL-06	PTT	R416126

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier	D.L.	Units	Extracted	Analyzed	By	Batch
L406064-2	200-3								
Sample By:	JM/ML on 28-JUN-06								
Matrix:	WATER								
	Ammonia-N	9.17		0.05	mg/L		05-JUL-06	KMY	R416306
	Chloride (Cl)	291		1	mg/L		04-JUL-06	WYA	R416003
	Conductivity (EC)	1340		0.2	uS/cm		05-JUL-06	PTT	R416126
	Nitrate-N	17.6		0.1	mg/L		04-JUL-06	SHC	R416426
	Nitrite-N	2.07		0.05	mg/L		04-JUL-06	SHC	R416426
	Sulphate (SO4)	68.6		0.5	mg/L		04-JUL-06	JTV	R414659
	Total Suspended Solids	<3		3	mg/L		05-JUL-06	SVG	R416244
	pH	7.7		0.1	pH		05-JUL-06	PTT	R416126
L406064-3	200-4								
Sample By:	JM/ML on 28-JUN-06								
Matrix:	WATER								
	Hardness								
	Calcium (Ca)	16.5		0.5	mg/L		04-JUL-06	MLH	R415969
	Hardness (as CaCO3)	54			mg/L		05-JUL-06		
	Magnesium (Mg)	3.0		0.1	mg/L		04-JUL-06	MLH	R415969
	Dissolved Metals - CCME								
	Dissolved Major Metals								
	Calcium (Ca)	14.8		0.5	mg/L		06-JUL-06	HAS	R416948
	Potassium (K)	1.6		0.1	mg/L		06-JUL-06	HAS	R416948
	Magnesium (Mg)	2.84		0.01	mg/L		06-JUL-06	HAS	R416948
	Sodium (Na)	26.3		0.5	mg/L		06-JUL-06	HAS	R416948
	Iron (Fe)	0.030		0.005	mg/L		06-JUL-06	HAS	R416948
	Manganese (Mn)	0.022		0.001	mg/L		06-JUL-06	HAS	R416948
	Dissolved Trace Metals								
	Silver (Ag)	<0.0001		0.0001	mg/L		07-JUL-06	CVE	R417647
	Aluminum (Al)	0.01		0.01	mg/L		07-JUL-06	CVE	R417647
	Arsenic (As)	<0.0004		0.0004	mg/L		07-JUL-06	CVE	R417647
	Boron (B)	<0.05		0.05	mg/L		07-JUL-06	CVE	R417647
	Barium (Ba)	0.020		0.003	mg/L		07-JUL-06	CVE	R417647
	Beryllium (Be)	<0.001		0.001	mg/L		07-JUL-06	CVE	R417647
	Cadmium (Cd)	<0.0001		0.0001	mg/L		07-JUL-06	CVE	R417647
	Cobalt (Co)	<0.002		0.002	mg/L		07-JUL-06	CVE	R417647
	Chromium (Cr)	<0.005		0.005	mg/L		07-JUL-06	CVE	R417647
	Copper (Cu)	0.002		0.001	mg/L		07-JUL-06	CVE	R417647
	Mercury (Hg)	<0.0001		0.0001	mg/L		07-JUL-06	CVE	R417647
	Lithium (Li)	<0.003		0.003	mg/L		07-JUL-06	CVE	R417647
	Molybdenum (Mo)	<0.005		0.005	mg/L		07-JUL-06	CVE	R417647
	Nickel (Ni)	0.002		0.002	mg/L		07-JUL-06	CVE	R417647
	Lead (Pb)	<0.0001		0.0001	mg/L		07-JUL-06	CVE	R417647
	Antimony (Sb)	0.0007		0.0004	mg/L		07-JUL-06	CVE	R417647
	Selenium (Se)	<0.0004		0.0004	mg/L		07-JUL-06	CVE	R417647
	Tin (Sn)	<0.05		0.05	mg/L		07-JUL-06	CVE	R417647
	Titanium (Ti)	<0.001		0.001	mg/L		07-JUL-06	CVE	R417647
	Thallium (Tl)	<0.0001		0.0001	mg/L		07-JUL-06	CVE	R417647
	Uranium (U)	<0.0001		0.0001	mg/L		07-JUL-06	CVE	R417647
	Vanadium (V)	0.001		0.001	mg/L		07-JUL-06	CVE	R417647
	Zinc (Zn)	0.007		0.002	mg/L		07-JUL-06	CVE	R417647
	Total Metals - CCME								
	Total Major Metals								
	Calcium (Ca)	14.0		0.5	mg/L		05-JUL-06	HAS	R416410

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L	Units	Extracted	Analyzed	By	Batch
L406064-3	200-4								
Sample By:	JM/ML on 28-JUN-06								
Matrix:	WATER								
Total Metals - CCME									
Total Major Metals									
Potassium (K)		1.5		0.1	mg/L		05-JUL-06	HAS	R416410
Magnesium (Mg)		2.7		0.1	mg/L		05-JUL-06	HAS	R416410
Sodium (Na)		25		1	mg/L		05-JUL-06	HAS	R416410
Iron (Fe)		0.069		0.005	mg/L		05-JUL-06	HAS	R416410
Manganese (Mn)		0.036		0.001	mg/L		05-JUL-06	HAS	R416410
Total Trace Metals									
Silver (Ag)		<0.0004	RAMB	0.0004	mg/L		04-JUL-06	QLI	R416366
Aluminum (Al)		0.04		0.01	mg/L		04-JUL-06	QLI	R416366
Arsenic (As)		0.0004		0.0004	mg/L		04-JUL-06	QLI	R416366
Boron (B)		<0.05		0.05	mg/L		04-JUL-06	QLI	R416366
Barium (Ba)		0.022		0.003	mg/L		04-JUL-06	QLI	R416366
Beryllium (Be)		<0.001		0.001	mg/L		04-JUL-06	QLI	R416366
Cadmium (Cd)		<0.0002		0.0002	mg/L		04-JUL-06	QLI	R416366
Cobalt (Co)		<0.002		0.002	mg/L		04-JUL-06	QLI	R416366
Chromium (Cr)		<0.005		0.005	mg/L		04-JUL-06	QLI	R416366
Copper (Cu)		0.002		0.001	mg/L		04-JUL-06	QLI	R416366
Mercury (Hg)		<0.0002		0.0002	mg/L		04-JUL-06	QLI	R416366
Lithium (Li)		<0.01		0.01	mg/L		04-JUL-06	QLI	R416366
Molybdenum (Mo)		<0.005		0.005	mg/L		04-JUL-06	QLI	R416366
Nickel (Ni)		0.002		0.002	mg/L		04-JUL-06	QLI	R416366
Lead (Pb)		0.0001		0.0001	mg/L		04-JUL-06	QLI	R416366
Antimony (Sb)		<0.0004		0.0004	mg/L		04-JUL-06	QLI	R416366
Selenium (Se)		0.0023		0.0004	mg/L		04-JUL-06	QLI	R416366
Tin (Sn)		<0.05		0.05	mg/L		04-JUL-06	QLI	R416366
Titanium (Ti)		<0.001		0.001	mg/L		04-JUL-06	QLI	R416366
Thallium (Tl)		0.0001		0.0001	mg/L		04-JUL-06	QLI	R416366
Uranium (U)		<0.0001		0.0001	mg/L		04-JUL-06	QLI	R416366
Vanadium (V)		0.002		0.001	mg/L		04-JUL-06	QLI	R416366
Zinc (Zn)		0.005		0.004	mg/L		04-JUL-06	QLI	R416366
Alkalinity, Total (as CaCO3)		6		5	mg/L		05-JUL-06	PTT	R416126
Ammonia-N		0.47		0.05	mg/L		05-JUL-06	KMY	R416306
Chloride (Cl)		53		1	mg/L		04-JUL-06	WYA	R416003
Conductivity (EC)		268		0.2	uS/cm		05-JUL-06	PTT	R416126
Nitrate-N		2.7		0.1	mg/L		04-JUL-06	SHC	R416426
Nitrite-N		<0.05		0.05	mg/L		04-JUL-06	SHC	R416426
Sulphate (SO4)		20.4		0.5	mg/L		04-JUL-06	JTV	R414659
Total Suspended Solids		<3		3	mg/L		05-JUL-06	SVG	R416244
pH		7.1		0.1	pH		05-JUL-06	PTT	R416126
L406064-4	200-5								
Sample By:	JM/ML on 28-JUN-06								
Matrix:	WATER								
Hardness									
Calcium (Ca)		2.5		0.5	mg/L		04-JUL-06	MLH	R415969
Hardness (as CaCO3)		11			mg/L		05-JUL-06		
Magnesium (Mg)		1.1		0.1	mg/L		04-JUL-06	MLH	R415969
Dissolved Metals - CCME									
Dissolved Major Metals									
Calcium (Ca)		2.1		0.5	mg/L		06-JUL-06	HAS	R416948

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406064-4	200-5								
Sample By:	JM/ML on 28-JUN-06								
Matrix:	WATER								
Dissolved Metals - CCME									
Dissolved Major Metals									
Potassium (K)		0.3		0.1	mg/L		06-JUL-06	HAS	R416948
Magnesium (Mg)		0.97		0.01	mg/L		06-JUL-06	HAS	R416948
Sodium (Na)		1.0		0.5	mg/L		06-JUL-06	HAS	R416948
Iron (Fe)		0.009		0.005	mg/L		06-JUL-06	HAS	R416948
Manganese (Mn)		0.002		0.001	mg/L		06-JUL-06	HAS	R416948
Dissolved Trace Metals									
Silver (Ag)		<0.0001		0.0001	mg/L		07-JUL-06	CVE	R417647
Aluminum (Al)		0.02		0.01	mg/L		07-JUL-06	CVE	R417647
Arsenic (As)		<0.0004		0.0004	mg/L		07-JUL-06	CVE	R417647
Boron (B)		<0.05		0.05	mg/L		07-JUL-06	CVE	R417647
Barium (Ba)		0.003		0.003	mg/L		07-JUL-06	CVE	R417647
Beryllium (Be)		<0.001		0.001	mg/L		07-JUL-06	CVE	R417647
Cadmium (Cd)		<0.0001		0.0001	mg/L		07-JUL-06	CVE	R417647
Cobalt (Co)		<0.002		0.002	mg/L		07-JUL-06	CVE	R417647
Chromium (Cr)		<0.005		0.005	mg/L		07-JUL-06	CVE	R417647
Copper (Cu)		0.002		0.001	mg/L		07-JUL-06	CVE	R417647
Mercury (Hg)		<0.0001		0.0001	mg/L		07-JUL-06	CVE	R417647
Lithium (Li)		<0.003		0.003	mg/L		07-JUL-06	CVE	R417647
Molybdenum (Mo)		<0.005		0.005	mg/L		07-JUL-06	CVE	R417647
Nickel (Ni)		<0.002		0.002	mg/L		07-JUL-06	CVE	R417647
Lead (Pb)		<0.0001		0.0001	mg/L		07-JUL-06	CVE	R417647
Antimony (Sb)		0.0008		0.0004	mg/L		07-JUL-06	CVE	R417647
Selenium (Se)		<0.0004		0.0004	mg/L		07-JUL-06	CVE	R417647
Tin (Sn)		<0.05		0.05	mg/L		07-JUL-06	CVE	R417647
Titanium (Ti)		<0.001		0.001	mg/L		07-JUL-06	CVE	R417647
Thallium (Tl)		<0.0001		0.0001	mg/L		07-JUL-06	CVE	R417647
Uranium (U)		<0.0001		0.0001	mg/L		07-JUL-06	CVE	R417647
Vanadium (V)		<0.001		0.001	mg/L		07-JUL-06	CVE	R417647
Zinc (Zn)		0.003		0.002	mg/L		07-JUL-06	CVE	R417647
Total Metals - CCME									
Total Major Metals									
Calcium (Ca)		2.0		0.5	mg/L		05-JUL-06	HAS	R416410
Potassium (K)		0.3		0.1	mg/L		05-JUL-06	HAS	R416410
Magnesium (Mg)		1.0		0.1	mg/L		05-JUL-06	HAS	R416410
Sodium (Na)		<1		1	mg/L		05-JUL-06	HAS	R416410
Iron (Fe)		0.015		0.005	mg/L		05-JUL-06	HAS	R416410
Manganese (Mn)		0.003		0.001	mg/L		05-JUL-06	HAS	R416410
Total Trace Metals									
Silver (Ag)		<0.0004		0.0004	mg/L		04-JUL-06	QLI	R416366
Aluminum (Al)		0.03		0.01	mg/L		04-JUL-06	QLI	R416366
Arsenic (As)		<0.0004		0.0004	mg/L		04-JUL-06	QLI	R416366
Boron (B)		<0.05		0.05	mg/L		04-JUL-06	QLI	R416366
Barium (Ba)		0.003		0.003	mg/L		04-JUL-06	QLI	R416366
Beryllium (Be)		<0.001		0.001	mg/L		04-JUL-06	QLI	R416366
Cadmium (Cd)		<0.0002		0.0002	mg/L		04-JUL-06	QLI	R416366
Cobalt (Co)		<0.002		0.002	mg/L		04-JUL-06	QLI	R416366
Chromium (Cr)		<0.005		0.005	mg/L		04-JUL-06	QLI	R416366
Copper (Cu)		0.002		0.001	mg/L		04-JUL-06	QLI	R416366
Mercury (Hg)		<0.0002		0.0002	mg/L		04-JUL-06	QLI	R416366
Lithium (Li)		<0.01		0.01	mg/L		04-JUL-06	QLI	R416366

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier	D.L.	Units	Extracted	Analyzed	By	Batch
L406064-4	200-5								
Sample By:	JM/ML on 28-JUN-06								
Matrix:	WATER								
Total Metals - CCME									
Total Trace Metals									
Molybdenum (Mo)		<0.005		0.005	mg/L		04-JUL-06	QLI	R416366
Nickel (Ni)		<0.002		0.002	mg/L		04-JUL-06	QLI	R416366
Lead (Pb)		<0.0001		0.0001	mg/L		04-JUL-06	QLI	R416366
Antimony (Sb)		<0.0004		0.0004	mg/L		04-JUL-06	QLI	R416366
Selenium (Se)		<0.0004		0.0004	mg/L		04-JUL-06	QLI	R416366
Tin (Sn)		<0.05		0.05	mg/L		04-JUL-06	QLI	R416366
Titanium (Ti)		<0.001		0.001	mg/L		04-JUL-06	QLI	R416366
Thallium (Tl)		<0.0001		0.0001	mg/L		04-JUL-06	QLI	R416366
Uranium (U)		<0.0001		0.0001	mg/L		04-JUL-06	QLI	R416366
Vanadium (V)		<0.001		0.001	mg/L		04-JUL-06	QLI	R416366
Zinc (Zn)		0.012		0.004	mg/L		04-JUL-06	QLI	R416366
Alkalinity, Total (as CaCO3)		<5		5	mg/L		05-JUL-06	PTT	R416126
Ammonia-N		<0.05		0.05	mg/L		05-JUL-06	KMY	R416306
Chloride (Cl)		2		1	mg/L		04-JUL-06	WYA	R416003
Conductivity (EC)		28.1		0.2	uS/cm		05-JUL-06	PTT	R416126
Nitrate-N		<0.1		0.1	mg/L		04-JUL-06	SHC	R416426
Nitrite-N		<0.05		0.05	mg/L		04-JUL-06	SHC	R416426
Sulphate (SO4)		4.4		0.5	mg/L		04-JUL-06	JTV	R414659
Total Suspended Solids		<3		3	mg/L		05-JUL-06	SVG	R416244
pH		6.9		0.1	pH		05-JUL-06	PTT	R416126
L406064-5	200-5A								
Sample By:	JM/ML on 28-JUN-06								
Matrix:	WATER								
Hardness									
Calcium (Ca)		13.4		0.5	mg/L		04-JUL-06	MLH	R415969
Hardness (as CaCO3)		48			mg/L		05-JUL-06		
Magnesium (Mg)		3.5		0.1	mg/L		04-JUL-06	MLH	R415969
Dissolved Metals - CCME									
Dissolved Major Metals									
Calcium (Ca)		11.7		0.5	mg/L		06-JUL-06	HAS	R416948
Potassium (K)		1.2		0.1	mg/L		06-JUL-06	HAS	R416948
Magnesium (Mg)		3.16		0.01	mg/L		06-JUL-06	HAS	R416948
Sodium (Na)		19.9		0.5	mg/L		06-JUL-06	HAS	R416948
Iron (Fe)		0.010		0.005	mg/L		06-JUL-06	HAS	R416948
Manganese (Mn)		0.007		0.001	mg/L		06-JUL-06	HAS	R416948
Dissolved Trace Metals									
Silver (Ag)		<0.0001		0.0001	mg/L		07-JUL-06	CVE	R417647
Aluminum (Al)		0.08		0.01	mg/L		07-JUL-06	CVE	R417647
Arsenic (As)		<0.0004		0.0004	mg/L		07-JUL-06	CVE	R417647
Boron (B)		<0.05		0.05	mg/L		07-JUL-06	CVE	R417647
Barium (Ba)		0.029		0.003	mg/L		07-JUL-06	CVE	R417647
Beryllium (Be)		<0.001		0.001	mg/L		07-JUL-06	CVE	R417647
Cadmium (Cd)		0.0001		0.0001	mg/L		07-JUL-06	CVE	R417647
Cobalt (Co)		<0.002		0.002	mg/L		07-JUL-06	CVE	R417647
Chromium (Cr)		<0.005		0.005	mg/L		07-JUL-06	CVE	R417647
Copper (Cu)		0.002		0.001	mg/L		07-JUL-06	CVE	R417647
Mercury (Hg)		<0.0001		0.0001	mg/L		07-JUL-06	CVE	R417647
Lithium (Li)		<0.003		0.003	mg/L		07-JUL-06	CVE	R417647

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406064-5	200-5A								
Sample By:	JM/ML on 28-JUN-06								
Matrix:	WATER								
Dissolved Metals - CCME									
Dissolved Trace Metals									
Molybdenum (Mo)		<0.005		0.005	mg/L		07-JUL-06	CVE	R417647
Nickel (Ni)		0.003		0.002	mg/L		07-JUL-06	CVE	R417647
Lead (Pb)		<0.0001		0.0001	mg/L		07-JUL-06	CVE	R417647
Antimony (Sb)		0.0009		0.0004	mg/L		07-JUL-06	CVE	R417647
Selenium (Se)		<0.0004		0.0004	mg/L		07-JUL-06	CVE	R417647
Tin (Sn)		<0.05		0.05	mg/L		07-JUL-06	CVE	R417647
Titanium (Ti)		<0.001		0.001	mg/L		07-JUL-06	CVE	R417647
Thallium (Tl)		<0.0001		0.0001	mg/L		07-JUL-06	CVE	R417647
Uranium (U)		0.0002		0.0001	mg/L		07-JUL-06	CVE	R417647
Vanadium (V)		0.001		0.001	mg/L		07-JUL-06	CVE	R417647
Zinc (Zn)		0.010		0.002	mg/L		07-JUL-06	CVE	R417647
Total Metals - CCME									
Total Major Metals									
Calcium (Ca)		11.3		0.5	mg/L		05-JUL-06	HAS	R416410
Potassium (K)		1.1		0.1	mg/L		05-JUL-06	HAS	R416410
Magnesium (Mg)		3.1		0.1	mg/L		05-JUL-06	HAS	R416410
Sodium (Na)		20		1	mg/L		05-JUL-06	HAS	R416410
Iron (Fe)		0.016		0.005	mg/L		05-JUL-06	HAS	R416410
Manganese (Mn)		0.007		0.001	mg/L		05-JUL-06	HAS	R416410
Total Trace Metals									
Silver (Ag)		<0.0004		0.0004	mg/L		04-JUL-06	QLI	R416366
Aluminum (Al)		0.11		0.01	mg/L		04-JUL-06	QLI	R416366
Arsenic (As)		<0.0004		0.0004	mg/L		04-JUL-06	QLI	R416366
Boron (B)		<0.05		0.05	mg/L		04-JUL-06	QLI	R416366
Barium (Ba)		0.030		0.003	mg/L		04-JUL-06	QLI	R416366
Beryllium (Be)		<0.001		0.001	mg/L		04-JUL-06	QLI	R416366
Cadmium (Cd)		0.0002		0.0002	mg/L		04-JUL-06	QLI	R416366
Cobalt (Co)		<0.002		0.002	mg/L		04-JUL-06	QLI	R416366
Chromium (Cr)		<0.005		0.005	mg/L		04-JUL-06	QLI	R416366
Copper (Cu)		0.002		0.001	mg/L		04-JUL-06	QLI	R416366
Mercury (Hg)		<0.0002		0.0002	mg/L		04-JUL-06	QLI	R416366
Lithium (Li)		<0.01		0.01	mg/L		04-JUL-06	QLI	R416366
Molybdenum (Mo)		<0.005		0.005	mg/L		04-JUL-06	QLI	R416366
Nickel (Ni)		0.003		0.002	mg/L		04-JUL-06	QLI	R416366
Lead (Pb)		<0.0001		0.0001	mg/L		04-JUL-06	QLI	R416366
Antimony (Sb)		<0.0004		0.0004	mg/L		04-JUL-06	QLI	R416366
Selenium (Se)		<0.0004		0.0004	mg/L		04-JUL-06	QLI	R416366
Tin (Sn)		<0.05		0.05	mg/L		04-JUL-06	QLI	R416366
Titanium (Ti)		<0.001		0.001	mg/L		04-JUL-06	QLI	R416366
Thallium (Tl)		<0.0001		0.0001	mg/L		04-JUL-06	QLI	R416366
Uranium (U)		0.0002		0.0001	mg/L		04-JUL-06	QLI	R416366
Vanadium (V)		0.001		0.001	mg/L		04-JUL-06	QLI	R416366
Zinc (Zn)		0.043		0.004	mg/L		04-JUL-06	QLI	R416366
Alkalinity, Total (as CaCO3)		<5		5	mg/L		05-JUL-06	PTT	R416126
Ammonia-N		<0.05		0.05	mg/L		05-JUL-06	KMY	R416306
Chloride (Cl)		43		1	mg/L		04-JUL-06	WYA	R416003
Conductivity (EC)		221		0.2	uS/cm		05-JUL-06	PTT	R416126
Nitrate-N		2.3		0.1	mg/L		04-JUL-06	SHC	R416426
Nitrite-N		<0.05		0.05	mg/L		04-JUL-06	SHC	R416426

2

Sample Details/Parameters		Result	Qualifier	D.L.	Units	Extracted	Analyzed	By	Batch
L406064-5	200-5A								
Sample By:	JM/ML on 28-JUN-06								
Matrix:	WATER								
	Sulphate (SO4)	18.6		0.5	mg/L		04-JUL-06	JTV	R414659
	Total Suspended Solids	<3		3	mg/L		05-JUL-06	SVG	R416244
	pH	6.8		0.1	pH		05-JUL-06	PTT	R416126
* 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

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:

38440

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. - Detection 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.