



PRELIMINARY RESULTS

WOLFEN RESOURCES INC.

ATTN: DAVE STEVENSON

Reported On: 04-AUG-06 06:33 PM

401 - 1113 JADE COURT

THUNDER BAY ON P7B 6M7

Project P.O. #:

Job Reference: ULU EXPLORATION PROJECT - HIGH LAKE

Legal Site Desc:

CofC Numbers: 260923

Other Information:

Comments:



ROY JONES
General Manager

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

ERIN ANDERSON

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

ALS LABORATORY GROUP ANALYTICAL REPORT

L416267-1	200-2							
Sampled By:	DBS on 26-JUL-06 @ 10:00							
Matrix:	WATER							
Hardness								
Calcium (Ca)	1.6	0.5	mg/L	01-AUG-06	JWU	R426003		
Hardness (as CaCO ₃)	6		mg/L	02-AUG-06				
Magnesium (Mg)	0.4	0.1	mg/L	01-AUG-06	JWU	R426003		
Dissolved Metals - CCME								
Dissolved Major Metals								
Calcium (Ca)	1.7	0.5	mg/L	02-AUG-06	HAS	R426566		
Potassium (K)	0.4	0.1	mg/L	02-AUG-06	HAS	R426566		
Magnesium (Mg)	0.38	0.01	mg/L	02-AUG-06	HAS	R426566		
Sodium (Na)	3.1	0.5	mg/L	02-AUG-06	HAS	R426566		
Iron (Fe)	0.208	0.005	mg/L	02-AUG-06	HAS	R426566		
Manganese (Mn)	0.013	0.001	mg/L	02-AUG-06	HAS	R426566		
Dissolved Trace Metals								
Silver (Ag)	<0.0001	0.0001	mg/L	01-AUG-06	QLI	R426069		
Aluminum (Al)	0.05	0.01	mg/L	01-AUG-06	QLI	R426069		
Arsenic (As)	0.0008	0.0004	mg/L	01-AUG-06	QLI	R426069		
Boron (B)	<0.05	0.05	mg/L	01-AUG-06	QLI	R426069		
Barium (Ba)	<0.003	0.003	mg/L	01-AUG-06	QLI	R426069		
Beryllium (Be)	<0.001	0.001	mg/L	01-AUG-06	QLI	R426069		
Cadmium (Cd)	0.0005	0.0001	mg/L	01-AUG-06	QLI	R426069		
Cobalt (Co)	<0.002	0.002	mg/L	01-AUG-06	QLI	R426069		
Chromium (Cr)	<0.005	0.005	mg/L	01-AUG-06	QLI	R426069		
Copper (Cu)	0.007	0.001	mg/L	01-AUG-06	QLI	R426069		
Mercury (Hg)	<0.0001	0.0001	mg/L	01-AUG-06	QLI	R426069		
Lithium (Li)	<0.003	0.003	mg/L	01-AUG-06	QLI	R426069		
Molybdenum (Mo)	<0.005	0.005	mg/L	01-AUG-06	QLI	R426069		
Nickel (Ni)	<0.002	0.002	mg/L	01-AUG-06	QLI	R426069		
Lead (Pb)	0.0015	0.0001	mg/L	01-AUG-06	QLI	R426069		
Antimony (Sb)	0.0012	0.0004	mg/L	01-AUG-06	QLI	R426069		
Selenium (Se)	0.0005	0.0004	mg/L	01-AUG-06	QLI	R426069		
Tin (Sn)	<0.05	0.05	mg/L	01-AUG-06	QLI	R426069		
Titanium (Ti)	0.003	0.001	mg/L	01-AUG-06	QLI	R426069		
Thallium (Tl)	<0.0001	0.0001	mg/L	01-AUG-06	QLI	R426069		
Uranium (U)	<0.0001	0.0001	mg/L	01-AUG-06	QLI	R426069		
Vanadium (V)	<0.001	0.001	mg/L	01-AUG-06	QLI	R426069		
Zinc (Zn)	0.031	0.002	mg/L	01-AUG-06	QLI	R426069		
Total Metals - CCME								
Total Major Metals								
Calcium (Ca)	1.5	0.5	mg/L	31-JUL-06	DDN	R425561		
Potassium (K)	0.4	0.1	mg/L	31-JUL-06	DDN	R425561		
Magnesium (Mg)	0.4	0.1	mg/L	31-JUL-06	DDN	R425561		
Sodium (Na)	3	1	mg/L	31-JUL-06	DDN	R425561		
Iron (Fe)	0.197	0.005	mg/L	31-JUL-06	DDN	R425561		
Manganese (Mn)	0.014	0.001	mg/L	31-JUL-06	DDN	R425561		
Total Trace Metals								
Silver (Ag)	<0.0004	0.0004	mg/L	01-AUG-06	QLI	R426070		
Aluminum (Al)	0.08	0.01	mg/L	01-AUG-06	QLI	R426070		
Arsenic (As)	0.0007	0.0004	mg/L	01-AUG-06	QLI	R426070		
Boron (B)	<0.05	0.05	mg/L	01-AUG-06	QLI	R426070		
Barium (Ba)	<0.003	0.003	mg/L	01-AUG-06	QLI	R426070		
Beryllium (Be)	<0.001	0.001	mg/L	01-AUG-06	QLI	R426070		
Cadmium (Cd)	0.0005	0.0002	mg/L	01-AUG-06	QLI	R426070		
Cobalt (Co)	<0.002	0.002	mg/L	01-AUG-06	QLI	R426070		

ALS LABORATORY GROUP ANALYTICAL REPORT

L416267-1 200-2							
Sampled By: DBS on 26-JUL-06 @ 10:00							
Matrix: WATER							
Total Metals - CCME							
Total Trace Metals							
Chromium (Cr)	<0.005	0.005	mg/L	01-AUG-06	QLI	R426070	
Copper (Cu)	0.003	0.001	mg/L	01-AUG-06	QLI	R426070	
Mercury (Hg)	<0.0002	0.0002	mg/L	01-AUG-06	QLI	R426070	
Lithium (Li)	<0.01	0.01	mg/L	01-AUG-06	QLI	R426070	
Molybdenum (Mo)	<0.005	0.005	mg/L	01-AUG-06	QLI	R426070	
Nickel (Ni)	<0.002	0.002	mg/L	01-AUG-06	QLI	R426070	
Lead (Pb)	0.0009	0.0001	mg/L	01-AUG-06	QLI	R426070	
Antimony (Sb)	0.0012	0.0004	mg/L	01-AUG-06	QLI	R426070	
Selenium (Se)	<0.0004	0.0004	mg/L	01-AUG-06	QLI	R426070	
Tin (Sn)	<0.05	0.05	mg/L	01-AUG-06	QLI	R426070	
Titanium (Ti)	0.005	0.001	mg/L	01-AUG-06	QLI	R426070	
Thallium (Tl)	<0.0001	0.0001	mg/L	01-AUG-06	QLI	R426070	
Uranium (U)	<0.0001	0.0001	mg/L	01-AUG-06	QLI	R426070	
Vanadium (V)	<0.001	0.001	mg/L	01-AUG-06	QLI	R426070	
Zinc (Zn)	0.027	0.004	mg/L	01-AUG-06	QLI	R426070	
Alkalinity, Total (as CaCO3)							
	<5	5	mg/L	29-JUL-06	JLI	R425294	
Ammonia-N							
	0.45	0.05	mg/L	01-AUG-06	LDC	R425949	
Chloride (Cl)							
	5	1	mg/L	29-JUL-06	WYA	R425053	
Conductivity (EC)							
	34.6	0.2	uS/cm	29-JUL-06	JLI	R425294	
Nitrate-N							
	0.5	0.1	mg/L	28-JUL-06	SHC	R425124	
Nitrite-N							
	0.13	0.05	mg/L	28-JUL-06	SHC	R425124	
Sulphate (SO4)							
	2.7	0.5	mg/L	31-JUL-06	JTV	R424289	
Total Suspended Solids							
	3	3	mg/L	31-JUL-06	SVG	R425384	
pH							
	6.7	0.1	pH	29-JUL-06	JLI	R425294	
L416267-2 200-3							
Sampled By: DBS on 26-JUL-06 @ 09:00							
Matrix: WATER							
Hardness							
Calcium (Ca)	84.4	0.5	mg/L	01-AUG-06	JWU	R426003	
Hardness (as CaCO3)	275		mg/L	02-AUG-06			
Magnesium (Mg)	15.6	0.1	mg/L	01-AUG-06	JWU	R426003	
Dissolved Metals - CCME							
Dissolved Major Metals							
Calcium (Ca)	79.0	0.5	mg/L	02-AUG-06	HAS	R426566	
Potassium (K)	11.7	0.1	mg/L	02-AUG-06	HAS	R426566	
Magnesium (Mg)	13.9	0.01	mg/L	02-AUG-06	HAS	R426566	
Sodium (Na)	305	0.5	mg/L	02-AUG-06	HAS	R426566	
Iron (Fe)	0.005	0.005	mg/L	02-AUG-06	HAS	R426566	
Manganese (Mn)	0.480	0.001	mg/L	02-AUG-06	HAS	R426566	
Dissolved Trace Metals							
Silver (Ag)	<0.0001	0.0001	mg/L	01-AUG-06	QLI	R426069	
Aluminum (Al)	0.05	0.01	mg/L	01-AUG-06	QLI	R426069	
Arsenic (As)	0.0016	0.0004	mg/L	01-AUG-06	QLI	R426069	
Boron (B)	<0.05	0.05	mg/L	01-AUG-06	QLI	R426069	
Barium (Ba)	0.070	0.003	mg/L	01-AUG-06	QLI	R426069	
Beryllium (Be)	<0.001	0.001	mg/L	01-AUG-06	QLI	R426069	
Cadmium (Cd)	0.0006	0.0001	mg/L	01-AUG-06	QLI	R426069	
Cobalt (Co)	<0.002	0.002	mg/L	01-AUG-06	QLI	R426069	

ALS LABORATORY GROUP ANALYTICAL REPORT

L416267-2 200-3

Sampled By: DBS on 26-JUL-06 @ 09:00

Matrix: WATER

Dissolved Metals - CCME**Dissolved Trace Metals**

Chromium (Cr)	<0.005	0.005	mg/L	01-AUG-06	QLI	R426069
Copper (Cu)	0.004	0.001	mg/L	01-AUG-06	QLI	R426069
Mercury (Hg)	<0.0001	0.0001	mg/L	01-AUG-06	QLI	R426069
Lithium (Li)	0.004	0.003	mg/L	01-AUG-06	QLI	R426069
Molybdenum (Mo)	<0.005	0.005	mg/L	01-AUG-06	QLI	R426069
Nickel (Ni)	0.010	0.002	mg/L	01-AUG-06	QLI	R426069
Lead (Pb)	0.0004	0.0001	mg/L	01-AUG-06	QLI	R426069
Antimony (Sb)	0.0014	0.0004	mg/L	01-AUG-06	QLI	R426069
Selenium (Se)	0.0013	0.0004	mg/L	01-AUG-06	QLI	R426069
Tin (Sn)	<0.05	0.05	mg/L	01-AUG-06	QLI	R426069
Titanium (Ti)	0.002	0.001	mg/L	01-AUG-06	QLI	R426069
Thallium (Tl)	0.0003	0.0001	mg/L	01-AUG-06	QLI	R426069
Uranium (U)	0.0010	0.0001	mg/L	01-AUG-06	QLI	R426069
Vanadium (V)	0.001	0.001	mg/L	01-AUG-06	QLI	R426069
Zinc (Zn)	0.011	0.002	mg/L	01-AUG-06	QLI	R426069

Total Metals - CCME**Total Major Metals**

Calcium (Ca)	73.7	0.5	mg/L	31-JUL-06	DDN	R425561
Potassium (K)	11.3	0.1	mg/L	31-JUL-06	DDN	R425561
Magnesium (Mg)	12.9	0.1	mg/L	31-JUL-06	DDN	R425561
Sodium (Na)	303	1	mg/L	31-JUL-06	DDN	R425561
Iron (Fe)	0.188	0.005	mg/L	31-JUL-06	DDN	R425561
Manganese (Mn)	0.459	0.001	mg/L	31-JUL-06	DDN	R425561

Total Trace Metals

Silver (Ag)	<0.0004	0.0004	mg/L	01-AUG-06	QLI	R426070
Aluminum (Al)	0.15	0.01	mg/L	01-AUG-06	QLI	R426070
Arsenic (As)	0.0016	0.0004	mg/L	01-AUG-06	QLI	R426070
Boron (B)	<0.05	0.05	mg/L	01-AUG-06	QLI	R426070
Barium (Ba)	0.065	0.003	mg/L	01-AUG-06	QLI	R426070
Beryllium (Be)	<0.001	0.001	mg/L	01-AUG-06	QLI	R426070
Cadmium (Cd)	0.0006	0.0002	mg/L	01-AUG-06	QLI	R426070
Cobalt (Co)	<0.002	0.002	mg/L	01-AUG-06	QLI	R426070
Chromium (Cr)	<0.005	0.005	mg/L	01-AUG-06	QLI	R426070
Copper (Cu)	0.004	0.001	mg/L	01-AUG-06	QLI	R426070
Mercury (Hg)	<0.0002	0.0002	mg/L	01-AUG-06	QLI	R426070
Lithium (Li)	<0.01	0.01	mg/L	01-AUG-06	QLI	R426070
Molybdenum (Mo)	<0.005	0.005	mg/L	01-AUG-06	QLI	R426070
Nickel (Ni)	0.009	0.002	mg/L	01-AUG-06	QLI	R426070
Lead (Pb)	0.0004	0.0001	mg/L	01-AUG-06	QLI	R426070
Antimony (Sb)	0.0018	0.0004	mg/L	01-AUG-06	QLI	R426070
Selenium (Se)	0.0010	0.0004	mg/L	01-AUG-06	QLI	R426070
Tin (Sn)	<0.05	0.05	mg/L	01-AUG-06	QLI	R426070
Titanium (Ti)	0.008	0.001	mg/L	01-AUG-06	QLI	R426070
Thallium (Tl)	0.0003	0.0001	mg/L	01-AUG-06	QLI	R426070
Uranium (U)	0.0012	0.0001	mg/L	01-AUG-06	QLI	R426070
Vanadium (V)	0.003	0.001	mg/L	01-AUG-06	QLI	R426070
Zinc (Zn)	0.012	0.004	mg/L	01-AUG-06	QLI	R426070

Alkalinity, Total (as CaCO3)	56	5	mg/L	29-JUL-06	JLI	R425294
Ammonia-N	18.6	0.05	mg/L	01-AUG-06	LDC	R425949

ALS LABORATORY GROUP ANALYTICAL REPORT

L416267-2	200-3						
Sampled By:	DBS on 26-JUL-06 @ 09:00						
Matrix:	WATER						
Chloride (Cl)	560	1	mg/L	29-JUL-06	WYA	R425053	
Conductivity (EC)	2290	0.2	uS/cm	29-JUL-06	JLI	R425294	
Nitrate-N	35.6	0.1	mg/L	28-JUL-06	SHC	R425124	
Nitrite-N	1.78	0.05	mg/L	28-JUL-06	SHC	R425124	
Sulphate (SO4)	94.5	0.5	mg/L	31-JUL-06	JTV	R424289	
Total Suspended Solids	<3	3	mg/L	31-JUL-06	SVG	R425384	
pH	7.8	0.1	pH	29-JUL-06	JLI	R425294	
L416267-3	200-4						
Sampled By:	DBS on 26-JUL-06 @ 09:15						
Matrix:	WATER						
Hardness							
Calcium (Ca)	26.0	0.5	mg/L	01-AUG-06	JWU	R426003	
Hardness (as CaCO3)	88		mg/L	02-AUG-06			
Magnesium (Mg)	5.5	0.1	mg/L	01-AUG-06	JWU	R426003	
Dissolved Metals - CCME							
Dissolved Major Metals							
Calcium (Ca)	24.6	0.5	mg/L	02-AUG-06	HAS	R426566	
Potassium (K)	2.5	0.1	mg/L	02-AUG-06	HAS	R426566	
Magnesium (Mg)	4.89	0.01	mg/L	02-AUG-06	HAS	R426566	
Sodium (Na)	70.6	0.5	mg/L	02-AUG-06	HAS	R426566	
Iron (Fe)	0.150	0.005	mg/L	02-AUG-06	HAS	R426566	
Manganese (Mn)	2.34	0.001	mg/L	02-AUG-06	HAS	R426566	
Dissolved Trace Metals							
Silver (Ag)	<0.0001	0.0001	mg/L	01-AUG-06	QLI	R426069	
Aluminum (Al)	<0.01	0.01	mg/L	01-AUG-06	QLI	R426069	
Arsenic (As)	0.0005	0.0004	mg/L	01-AUG-06	QLI	R426069	
Boron (B)	<0.05	0.05	mg/L	01-AUG-06	QLI	R426069	
Barium (Ba)	0.054	0.003	mg/L	01-AUG-06	QLI	R426069	
Beryllium (Be)	<0.001	0.001	mg/L	01-AUG-06	QLI	R426069	
Cadmium (Cd)	0.0005	0.0001	mg/L	01-AUG-06	QLI	R426069	
Cobalt (Co)	0.020	0.002	mg/L	01-AUG-06	QLI	R426069	
Chromium (Cr)	<0.005	0.005	mg/L	01-AUG-06	QLI	R426069	
Copper (Cu)	<0.001	0.001	mg/L	01-AUG-06	QLI	R426069	
Mercury (Hg)	<0.0001	0.0001	mg/L	01-AUG-06	QLI	R426069	
Lithium (Li)	<0.003	0.003	mg/L	01-AUG-06	QLI	R426069	
Molybdenum (Mo)	<0.005	0.005	mg/L	01-AUG-06	QLI	R426069	
Nickel (Ni)	0.014	0.002	mg/L	01-AUG-06	QLI	R426069	
Lead (Pb)	0.0002	0.0001	mg/L	01-AUG-06	QLI	R426069	
Antimony (Sb)	0.0008	0.0004	mg/L	01-AUG-06	QLI	R426069	
Selenium (Se)	<0.0004	0.0004	mg/L	01-AUG-06	QLI	R426069	
Tin (Sn)	<0.05	0.05	mg/L	01-AUG-06	QLI	R426069	
Titanium (Ti)	<0.001	0.001	mg/L	01-AUG-06	QLI	R426069	
Thallium (Tl)	0.0005	0.0001	mg/L	01-AUG-06	QLI	R426069	
Uranium (U)	<0.0001	0.0001	mg/L	01-AUG-06	QLI	R426069	
Vanadium (V)	<0.001	0.001	mg/L	01-AUG-06	QLI	R426069	
Zinc (Zn)	0.031	0.002	mg/L	01-AUG-06	QLI	R426069	
Total Metals - CCME							
Total Major Metals							
Calcium (Ca)	23.7	0.5	mg/L	31-JUL-06	DDN	R425561	
Potassium (K)	2.3	0.1	mg/L	31-JUL-06	DDN	R425561	

ALS LABORATORY GROUP ANALYTICAL REPORT

L416267-3	200-4						
Sampled By:	DBS on 26-JUL-06 @ 09:15						
Matrix:	WATER						
Total Metals - CCME							
Total Major Metals							
Magnesium (Mg)	4.7	0.1	mg/L	31-JUL-06	DDN	R425561	
Sodium (Na)	70	1	mg/L	31-JUL-06	DDN	R425561	
Iron (Fe)	1.47	0.005	mg/L	31-JUL-06	DDN	R425561	
Manganese (Mn)	2.12	0.001	mg/L	31-JUL-06	DDN	R425561	
Total Trace Metals							
Silver (Ag)	<0.0004	0.0004	mg/L	01-AUG-06	QLI	R426070	
Aluminum (Al)	0.10	0.01	mg/L	01-AUG-06	QLI	R426070	
Arsenic (As)	0.0006	0.0004	mg/L	01-AUG-06	QLI	R426070	
Boron (B)	<0.05	0.05	mg/L	01-AUG-06	QLI	R426070	
Barium (Ba)	0.048	0.003	mg/L	01-AUG-06	QLI	R426070	
Beryllium (Be)	<0.001	0.001	mg/L	01-AUG-06	QLI	R426070	
Cadmium (Cd)	0.0005	0.0002	mg/L	01-AUG-06	QLI	R426070	
Cobalt (Co)	0.017	0.002	mg/L	01-AUG-06	QLI	R426070	
Chromium (Cr)	<0.005	0.005	mg/L	01-AUG-06	QLI	R426070	
Copper (Cu)	0.002	0.001	mg/L	01-AUG-06	QLI	R426070	
Mercury (Hg)	<0.0002	0.0002	mg/L	01-AUG-06	QLI	R426070	
Lithium (Li)	<0.01	0.01	mg/L	01-AUG-06	QLI	R426070	
Molybdenum (Mo)	<0.005	0.005	mg/L	01-AUG-06	QLI	R426070	
Nickel (Ni)	0.013	0.002	mg/L	01-AUG-06	QLI	R426070	
Lead (Pb)	0.0002	0.0001	mg/L	01-AUG-06	QLI	R426070	
Antimony (Sb)	0.0015	0.0004	mg/L	01-AUG-06	QLI	R426070	
Selenium (Se)	<0.0004	0.0004	mg/L	01-AUG-06	QLI	R426070	
Tin (Sn)	<0.05	0.05	mg/L	01-AUG-06	QLI	R426070	
Titanium (Ti)	0.002	0.001	mg/L	01-AUG-06	QLI	R426070	
Thallium (Tl)	0.0005	0.0001	mg/L	01-AUG-06	QLI	R426070	
Uranium (U)	0.0001	0.0001	mg/L	01-AUG-06	QLI	R426070	
Vanadium (V)	<0.001	0.001	mg/L	01-AUG-06	QLI	R426070	
Zinc (Zn)	0.037	0.004	mg/L	01-AUG-06	QLI	R426070	
Alkalinity, Total (as CaCO3)	13	5	mg/L	29-JUL-06	JLI	R425294	
Ammonia-N	0.11	0.05	mg/L	01-AUG-06	LDC	R425949	
Chloride (Cl)	141	1	mg/L	29-JUL-06	WYA	R425053	
Conductivity (EC)	595	0.2	uS/cm	29-JUL-06	JLI	R425294	
Nitrate-N	2.5	0.1	mg/L	28-JUL-06	SHC	R425124	
Nitrite-N	<0.05	0.05	mg/L	28-JUL-06	SHC	R425124	
Sulphate (SO4)	28.7	0.5	mg/L	31-JUL-06	JTV	R424289	
Total Suspended Solids	6	3	mg/L	31-JUL-06	SVG	R425384	
pH	7.0	0.1	pH	29-JUL-06	JLI	R425294	
L416267-4	200-5						
Sampled By:	DBS on 26-JUL-06 @ 09:30						
Matrix:	WATER						
Hardness							
Calcium (Ca)	2.5	0.5	mg/L	01-AUG-06	JWU	R426003	
Hardness (as CaCO3)	11		mg/L	02-AUG-06			
Magnesium (Mg)	1.2	0.1	mg/L	01-AUG-06	JWU	R426003	
Dissolved Metals - CCME							
Dissolved Major Metals							
Calcium (Ca)	2.4	0.5	mg/L	02-AUG-06	HAS	R426566	
Potassium (K)	0.6	0.1	mg/L	02-AUG-06	HAS	R426566	

ALS LABORATORY GROUP ANALYTICAL REPORT

L416267-4	200-5						
Sampled By:	DBS on 26-JUL-06 @ 09:30						
Matrix:	WATER						
Dissolved Metals - CCME							
Dissolved Major Metals							
Magnesium (Mg)	1.11	0.01	mg/L	02-AUG-06	HAS	R426566	
Sodium (Na)	1.5	0.5	mg/L	02-AUG-06	HAS	R426566	
Iron (Fe)	0.005	0.005	mg/L	02-AUG-06	HAS	R426566	
Manganese (Mn)	0.001	0.001	mg/L	02-AUG-06	HAS	R426566	
Dissolved Trace Metals							
Silver (Ag)	<0.0001	0.0001	mg/L	01-AUG-06	QLI	R426069	
Aluminum (Al)	0.02	0.01	mg/L	01-AUG-06	QLI	R426069	
Arsenic (As)	<0.0004	0.0004	mg/L	01-AUG-06	QLI	R426069	
Boron (B)	<0.05	0.05	mg/L	01-AUG-06	QLI	R426069	
Barium (Ba)	<0.003	0.003	mg/L	01-AUG-06	QLI	R426069	
Beryllium (Be)	<0.001	0.001	mg/L	01-AUG-06	QLI	R426069	
Cadmium (Cd)	<0.0001	0.0001	mg/L	01-AUG-06	QLI	R426069	
Cobalt (Co)	<0.002	0.002	mg/L	01-AUG-06	QLI	R426069	
Chromium (Cr)	<0.005	0.005	mg/L	01-AUG-06	QLI	R426069	
Copper (Cu)	0.001	0.001	mg/L	01-AUG-06	QLI	R426069	
Mercury (Hg)	<0.0001	0.0001	mg/L	01-AUG-06	QLI	R426069	
Lithium (Li)	<0.003	0.003	mg/L	01-AUG-06	QLI	R426069	
Molybdenum (Mo)	<0.005	0.005	mg/L	01-AUG-06	QLI	R426069	
Nickel (Ni)	<0.002	0.002	mg/L	01-AUG-06	QLI	R426069	
Lead (Pb)	<0.0001	0.0001	mg/L	01-AUG-06	QLI	R426069	
Antimony (Sb)	0.0012	0.0004	mg/L	01-AUG-06	QLI	R426069	
Selenium (Se)	<0.0004	0.0004	mg/L	01-AUG-06	QLI	R426069	
Tin (Sn)	<0.05	0.05	mg/L	01-AUG-06	QLI	R426069	
Titanium (Ti)	<0.001	0.001	mg/L	01-AUG-06	QLI	R426069	
Thallium (Tl)	<0.0001	0.0001	mg/L	01-AUG-06	QLI	R426069	
Uranium (U)	<0.0001	0.0001	mg/L	01-AUG-06	QLI	R426069	
Vanadium (V)	<0.001	0.001	mg/L	01-AUG-06	QLI	R426069	
Zinc (Zn)	<0.002	0.002	mg/L	01-AUG-06	QLI	R426069	
Total Metals - CCME							
Total Major Metals							
Calcium (Ca)	2.3	0.5	mg/L	31-JUL-06	DDN	R425561	
Potassium (K)	0.4	0.1	mg/L	31-JUL-06	DDN	R425561	
Magnesium (Mg)	1.1	0.1	mg/L	31-JUL-06	DDN	R425561	
Sodium (Na)	1	1	mg/L	31-JUL-06	DDN	R425561	
Iron (Fe)	0.022	0.005	mg/L	31-JUL-06	DDN	R425561	
Manganese (Mn)	0.003	0.001	mg/L	31-JUL-06	DDN	R425561	
Total Trace Metals							
Silver (Ag)	<0.0004	0.0004	mg/L	01-AUG-06	QLI	R426070	
Aluminum (Al)	0.03	0.01	mg/L	01-AUG-06	QLI	R426070	
Arsenic (As)	<0.0004	0.0004	mg/L	01-AUG-06	QLI	R426070	
Boron (B)	<0.05	0.05	mg/L	01-AUG-06	QLI	R426070	
Barium (Ba)	<0.003	0.003	mg/L	01-AUG-06	QLI	R426070	
Beryllium (Be)	<0.001	0.001	mg/L	01-AUG-06	QLI	R426070	
Cadmium (Cd)	<0.0002	0.0002	mg/L	01-AUG-06	QLI	R426070	
Cobalt (Co)	<0.002	0.002	mg/L	01-AUG-06	QLI	R426070	
Chromium (Cr)	<0.005	0.005	mg/L	01-AUG-06	QLI	R426070	
Copper (Cu)	0.002	0.001	mg/L	01-AUG-06	QLI	R426070	
Mercury (Hg)	<0.0002	0.0002	mg/L	01-AUG-06	QLI	R426070	
Lithium (Li)	<0.01	0.01	mg/L	01-AUG-06	QLI	R426070	
Molybdenum (Mo)	<0.005	0.005	mg/L	01-AUG-06	QLI	R426070	
Nickel (Ni)	<0.002	0.002	mg/L	01-AUG-06	QLI	R426070	

ALS LABORATORY GROUP ANALYTICAL REPORT

L416267-4	200-5						
Sampled By:	DBS on 26-JUL-06 @ 09:30						
Matrix:	WATER						
Total Metals - CCME							
Total Trace Metals							
Lead (Pb)	<0.0001	0.0001	mg/L	01-AUG-06	QLI	R426070	
Antimony (Sb)	0.0012	0.0004	mg/L	01-AUG-06	QLI	R426070	
Selenium (Se)	<0.0004	0.0004	mg/L	01-AUG-06	QLI	R426070	
Tin (Sn)	<0.05	0.05	mg/L	01-AUG-06	QLI	R426070	
Titanium (Ti)	<0.001	0.001	mg/L	01-AUG-06	QLI	R426070	
Thallium (Tl)	<0.0001	0.0001	mg/L	01-AUG-06	QLI	R426070	
Uranium (U)	<0.0001	0.0001	mg/L	01-AUG-06	QLI	R426070	
Vanadium (V)	<0.001	0.001	mg/L	01-AUG-06	QLI	R426070	
Zinc (Zn)	0.005	0.004	mg/L	01-AUG-06	QLI	R426070	
Alkalinity, Total (as CaCO ₃)	<5	5	mg/L	29-JUL-06	JLI	R425294	
Ammonia-N	<0.05	0.05	mg/L	01-AUG-06	LDC	R425949	
Chloride (Cl)	4	1	mg/L	29-JUL-06	WYA	R425053	
Conductivity (EC)	34.7	0.2	uS/cm	29-JUL-06	JLI	R425294	
Nitrate-N	<0.1	0.1	mg/L	28-JUL-06	SHC	R425124	
Nitrite-N	<0.05	0.05	mg/L	28-JUL-06	SHC	R425124	
Sulphate (SO ₄)	4.9	0.5	mg/L	31-JUL-06	JTV	R424289	
Total Suspended Solids	<3	3	mg/L	31-JUL-06	SVG	R425384	
pH	6.8	0.1	pH	29-JUL-06	JLI	R425294	
L416267-5	200-5A						
Sampled By:	DBS on 26-JUL-06 @ 09:45						
Matrix:	WATER						
Hardness							
Calcium (Ca)	25.9	0.5	mg/L	01-AUG-06	JWU	R426003	
Hardness (as CaCO ₃)	93		mg/L	02-AUG-06			
Magnesium (Mg)	6.9	0.1	mg/L	01-AUG-06	JWU	R426003	
Dissolved Metals - CCME							
Dissolved Major Metals							
Calcium (Ca)	25.7	0.5	mg/L	02-AUG-06	HAS	R426566	
Potassium (K)	2.8	0.1	mg/L	02-AUG-06	HAS	R426566	
Magnesium (Mg)	6.37	0.01	mg/L	02-AUG-06	HAS	R426566	
Sodium (Na)	67.4	0.5	mg/L	02-AUG-06	HAS	R426566	
Iron (Fe)	<0.005	0.005	mg/L	02-AUG-06	HAS	R426566	
Manganese (Mn)	0.015	0.001	mg/L	02-AUG-06	HAS	R426566	
Dissolved Trace Metals							
Silver (Ag)	<0.0001	0.0001	mg/L	01-AUG-06	QLI	R426069	
Aluminum (Al)	0.09	0.01	mg/L	01-AUG-06	QLI	R426069	
Arsenic (As)	<0.0004	0.0004	mg/L	01-AUG-06	QLI	R426069	
Boron (B)	<0.05	0.05	mg/L	01-AUG-06	QLI	R426069	
Barium (Ba)	0.063	0.003	mg/L	01-AUG-06	QLI	R426069	
Beryllium (Be)	<0.001	0.001	mg/L	01-AUG-06	QLI	R426069	
Cadmium (Cd)	0.0002	0.0001	mg/L	01-AUG-06	QLI	R426069	
Cobalt (Co)	<0.002	0.002	mg/L	01-AUG-06	QLI	R426069	
Chromium (Cr)	<0.005	0.005	mg/L	01-AUG-06	QLI	R426069	
Copper (Cu)	<0.001	0.001	mg/L	01-AUG-06	QLI	R426069	
Mercury (Hg)	<0.0001	0.0001	mg/L	01-AUG-06	QLI	R426069	
Lithium (Li)	<0.003	0.003	mg/L	01-AUG-06	QLI	R426069	
Molybdenum (Mo)	<0.005	0.005	mg/L	01-AUG-06	QLI	R426069	
Nickel (Ni)	0.004	0.002	mg/L	01-AUG-06	QLI	R426069	

ALS LABORATORY GROUP ANALYTICAL REPORT

L416267-5	200-5A						
Sampled By:	DBS on 26-JUL-06 @ 09:45						
Matrix:	WATER						
Dissolved Metals - CCME							
Dissolved Trace Metals							
Lead (Pb)	0.0002	0.0001	mg/L	01-AUG-06	QLI	R426069	
Antimony (Sb)	0.0012	0.0004	mg/L	01-AUG-06	QLI	R426069	
Selenium (Se)	0.0006	0.0004	mg/L	01-AUG-06	QLI	R426069	
Tin (Sn)	<0.05	0.05	mg/L	01-AUG-06	QLI	R426069	
Titanium (Ti)	<0.001	0.001	mg/L	01-AUG-06	QLI	R426069	
Thallium (Tl)	0.0004	0.0001	mg/L	01-AUG-06	QLI	R426069	
Uranium (U)	0.0002	0.0001	mg/L	01-AUG-06	QLI	R426069	
Vanadium (V)	0.001	0.001	mg/L	01-AUG-06	QLI	R426069	
Zinc (Zn)	0.018	0.002	mg/L	01-AUG-06	QLI	R426069	
Total Metals - CCME							
Total Major Metals							
Calcium (Ca)	23.7	0.5	mg/L	31-JUL-06	DDN	R425561	
Potassium (K)	2.7	0.1	mg/L	31-JUL-06	DDN	R425561	
Magnesium (Mg)	5.7	0.1	mg/L	31-JUL-06	DDN	R425561	
Sodium (Na)	66	1	mg/L	31-JUL-06	DDN	R425561	
Iron (Fe)	0.021	0.005	mg/L	31-JUL-06	DDN	R425561	
Manganese (Mn)	0.016	0.001	mg/L	31-JUL-06	DDN	R425561	
Total Trace Metals							
Silver (Ag)	<0.0004	0.0004	mg/L	01-AUG-06	QLI	R426070	
Aluminum (Al)	0.10	0.01	mg/L	01-AUG-06	QLI	R426070	
Arsenic (As)	<0.0004	0.0004	mg/L	01-AUG-06	QLI	R426070	
Boron (B)	<0.05	0.05	mg/L	01-AUG-06	QLI	R426070	
Barium (Ba)	0.058	0.003	mg/L	01-AUG-06	QLI	R426070	
Beryllium (Be)	<0.001	0.001	mg/L	01-AUG-06	QLI	R426070	
Cadmium (Cd)	0.0002	0.0002	mg/L	01-AUG-06	QLI	R426070	
Cobalt (Co)	<0.002	0.002	mg/L	01-AUG-06	QLI	R426070	
Chromium (Cr)	<0.005	0.005	mg/L	01-AUG-06	QLI	R426070	
Copper (Cu)	0.001	0.001	mg/L	01-AUG-06	QLI	R426070	
Mercury (Hg)	<0.0002	0.0002	mg/L	01-AUG-06	QLI	R426070	
Lithium (Li)	<0.01	0.01	mg/L	01-AUG-06	QLI	R426070	
Molybdenum (Mo)	<0.005	0.005	mg/L	01-AUG-06	QLI	R426070	
Nickel (Ni)	0.004	0.002	mg/L	01-AUG-06	QLI	R426070	
Lead (Pb)	0.0002	0.0001	mg/L	01-AUG-06	QLI	R426070	
Antimony (Sb)	0.0013	0.0004	mg/L	01-AUG-06	QLI	R426070	
Selenium (Se)	<0.0004	0.0004	mg/L	01-AUG-06	QLI	R426070	
Tin (Sn)	<0.05	0.05	mg/L	01-AUG-06	QLI	R426070	
Titanium (Ti)	0.001	0.001	mg/L	01-AUG-06	QLI	R426070	
Thallium (Tl)	0.0003	0.0001	mg/L	01-AUG-06	QLI	R426070	
Uranium (U)	0.0002	0.0001	mg/L	01-AUG-06	QLI	R426070	
Vanadium (V)	0.001	0.001	mg/L	01-AUG-06	QLI	R426070	
Zinc (Zn)	0.047	0.004	mg/L	01-AUG-06	QLI	R426070	
Alkalinity, Total (as CaCO3)							
Alkalinity, Total (as CaCO3)	<5	5	mg/L	29-JUL-06	JLI	R425294	
Ammonia-N	0.34	0.05	mg/L	01-AUG-06	LDC	R425949	
Chloride (Cl)	132	1	mg/L	29-JUL-06	WYA	R425053	
Conductivity (EC)	590	0.2	uS/cm	29-JUL-06	JLI	R425294	
Nitrate-N	5.0	0.1	mg/L	28-JUL-06	SHC	R425124	
Nitrite-N	<0.05	0.05	mg/L	28-JUL-06	SHC	R425124	
Sulphate (SO4)	31.5	0.5	mg/L	31-JUL-06	JTV	R424289	
Total Suspended Solids	<3	3	mg/L	31-JUL-06	SVG	R425384	

ALS LABORATORY GROUP ANALYTICAL REPORT

L416267-5	200-5A								
Sampled By:	DBS on 26-JUL-06 @ 09:45								
Matrix:	WATER								
pH	6.7	0.1	pH	29-JUL-06	JLI	R425294			
* 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:

260923

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

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

Reference Information

GLOSSARY OF REPORT TERMS

Surr - A surrogate is an organic compound that is similar to the target analyte(s) in chemical composition and behavior but not normally detected in environmental samples. Prior to sample processing, samples are fortified with one or more surrogate compounds.

The reported surrogate recovery value provides a measure of method efficiency. The Laboratory control limits are determined under column heading D.L.

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

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

< - Less than.

D.L. - The reporting limit.

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

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

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

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

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

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



PRELIMINARY RESULTS

WOLFDEN RESOURCES INC.

ATTN: DAVE STEVENSON

Reported On: 23-AUG-06 07:04 PM

401 - 1113 JADE COURT

THUNDER BAY ON P7B 6M7

Project P.O. #:

Job Reference:

Legal Site Desc:

CofC Numbers: 260838

Other Information:

Comments:



ROY JONES
General Manager

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

ERIN ANDERSON

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



ALS LABORATORY GROUP ANALYTICAL REPORT

L418743-1	200-2							
Sampled By:	DBS on 02-AUG-06 @ 10:00							
Matrix:	WATER							
Hardness								
Calcium (Ca)	1.4	0.5	mg/L	08-AUG-06	JWU	R427923		
Hardness (as CaCO3)	4		mg/L	09-AUG-06				
Magnesium (Mg)	0.2	0.1	mg/L	08-AUG-06	JWU	R427923		
Dissolved Metals - CCME								
Dissolved Major Metals								
Calcium (Ca)	1.4	0.5	mg/L	08-AUG-06	SYF	R428450		
Potassium (K)	0.5	0.1	mg/L	08-AUG-06	SYF	R428450		
Magnesium (Mg)	0.26	0.01	mg/L	08-AUG-06	SYF	R428450		
Sodium (Na)	0.8	0.5	mg/L	08-AUG-06	SYF	R428450		
Iron (Fe)	0.146	0.005	mg/L	08-AUG-06	SYF	R428450		
Manganese (Mn)	0.018	0.001	mg/L	08-AUG-06	SYF	R428450		
Dissolved Trace Metals								
Silver (Ag)	<0.0001	0.0001	mg/L	08-AUG-06	QLI	R428575		
Aluminum (Al)	0.94	0.01	mg/L	08-AUG-06	QLI	R428575		
Arsenic (As)	0.0009	0.0004	mg/L	08-AUG-06	QLI	R428575		
Boron (B)	<0.05	0.05	mg/L	08-AUG-06	QLI	R428575		
Barium (Ba)	0.004	0.003	mg/L	08-AUG-06	QLI	R428575		
Beryllium (Be)	<0.001	0.001	mg/L	08-AUG-06	QLI	R428575		
Cadmium (Cd)	<0.0001	0.0001	mg/L	08-AUG-06	QLI	R428575		
Cobalt (Co)	<0.002	0.002	mg/L	08-AUG-06	QLI	R428575		
Chromium (Cr)	<0.005	0.005	mg/L	08-AUG-06	QLI	R428575		
Copper (Cu)	0.001	0.001	mg/L	08-AUG-06	QLI	R428575		
Mercury (Hg)	<0.0001	0.0001	mg/L	08-AUG-06	QLI	R428575		
Lithium (Li)	<0.003	0.003	mg/L	08-AUG-06	QLI	R428575		
Molybdenum (Mo)	<0.005	0.005	mg/L	08-AUG-06	QLI	R428575		
Nickel (Ni)	<0.002	0.002	mg/L	08-AUG-06	QLI	R428575		
Lead (Pb)	0.0005	0.0001	mg/L	08-AUG-06	QLI	R428575		
Antimony (Sb)	<0.0004	0.0004	mg/L	08-AUG-06	QLI	R428575		
Selenium (Se)	<0.0004	0.0004	mg/L	08-AUG-06	QLI	R428575		
Tin (Sn)	<0.05	0.05	mg/L	08-AUG-06	QLI	R428575		
Titanium (Ti)	0.008	0.001	mg/L	08-AUG-06	QLI	R428575		
Thallium (Tl)	<0.0001	0.0001	mg/L	08-AUG-06	QLI	R428575		
Uranium (U)	<0.0001	0.0001	mg/L	08-AUG-06	QLI	R428575		
Vanadium (V)	<0.001	0.001	mg/L	08-AUG-06	QLI	R428575		
Zinc (Zn)	0.004	0.002	mg/L	08-AUG-06	QLI	R428575		
Total Metals - CCME								
Total Major Metals								
Calcium (Ca)	1.4	0.5	mg/L	08-AUG-06	SYF	R428448		
Potassium (K)	0.4	0.1	mg/L	08-AUG-06	SYF	R428448		
Magnesium (Mg)	0.4	0.1	mg/L	08-AUG-06	SYF	R428448		
Sodium (Na)	<1	1	mg/L	08-AUG-06	SYF	R428448		
Iron (Fe)	0.595	0.005	mg/L	08-AUG-06	SYF	R428448		
Manganese (Mn)	0.028	0.001	mg/L	08-AUG-06	SYF	R428448		
Total Trace Metals								
Silver (Ag)	<0.0004	0.0004	mg/L	09-AUG-06	QLI	R428730		
Aluminum (Al)	1.14	0.01	mg/L	09-AUG-06	QLI	R428730		
Arsenic (As)	0.0013	0.0004	mg/L	09-AUG-06	QLI	R428730		
Boron (B)	<0.05	0.05	mg/L	09-AUG-06	QLI	R428730		
Barium (Ba)	0.005	0.003	mg/L	09-AUG-06	QLI	R428730		
Beryllium (Be)	<0.001	0.001	mg/L	09-AUG-06	QLI	R428730		
Cadmium (Cd)	<0.0002	0.0002	mg/L	09-AUG-06	QLI	R428730		
Cobalt (Co)	<0.002	0.002	mg/L	09-AUG-06	QLI	R428730		

ALS LABORATORY GROUP ANALYTICAL REPORT

L418743-1 200-2							
Sampled By: DBS on 02-AUG-06 @ 10:00							
Matrix: WATER							
Total Metals - CCME							
Total Trace Metals							
Chromium (Cr)	<0.005	0.005	mg/L	09-AUG-06	QLI	R428730	
Copper (Cu)	0.003	0.001	mg/L	09-AUG-06	QLI	R428730	
Mercury (Hg)	<0.0002	0.0002	mg/L	09-AUG-06	QLI	R428730	
Lithium (Li)	<0.01	0.01	mg/L	09-AUG-06	QLI	R428730	
Molybdenum (Mo)	<0.005	0.005	mg/L	09-AUG-06	QLI	R428730	
Nickel (Ni)	<0.002	0.002	mg/L	09-AUG-06	QLI	R428730	
Lead (Pb)	0.0021	0.0001	mg/L	09-AUG-06	QLI	R428730	
Antimony (Sb)	<0.0004	0.0004	mg/L	09-AUG-06	QLI	R428730	
Selenium (Se)	0.0005	0.0004	mg/L	09-AUG-06	QLI	R428730	
Tin (Sn)	<0.05	0.05	mg/L	09-AUG-06	QLI	R428730	
Titanium (Ti)	0.017	0.001	mg/L	09-AUG-06	QLI	R428730	
Thallium (Tl)	0.0003	0.0001	mg/L	09-AUG-06	QLI	R428730	
Uranium (U)	<0.0001	0.0001	mg/L	09-AUG-06	QLI	R428730	
Vanadium (V)	0.002	0.001	mg/L	09-AUG-06	QLI	R428730	
Zinc (Zn)	0.016	0.004	mg/L	09-AUG-06	QLI	R428730	
Alkalinity, Total (as CaCO ₃)	<5	5	mg/L	05-AUG-06	TL	R427693	
Ammonia-N	<0.05	0.05	mg/L	09-AUG-06	LDC	R428560	
Chloride (Cl)	2	1	mg/L	08-AUG-06	WYA	R428123	
Conductivity (EC)	12.7	0.2	uS/cm	05-AUG-06	TL	R427693	
Nitrate-N	<0.1	0.1	mg/L	08-AUG-06	SHC	R428098	
Nitrite-N	<0.05	0.05	mg/L	08-AUG-06	SHC	R428098	
Sulphate (SO ₄)	0.7	0.5	mg/L	08-AUG-06	JTV	R426782	
Total Suspended Solids	17	3	mg/L	09-AUG-06	SVG	R428509	
pH	7.5	0.1	pH	05-AUG-06	TL	R427693	
L418743-2 200-3							
Sampled By: DBS on 02-AUG-06 @ 09:00							
Matrix: WATER							
Hardness							
Calcium (Ca)	109	0.5	mg/L	08-AUG-06	JWU	R427923	
Hardness (as CaCO ₃)	352		mg/L	09-AUG-06			
Magnesium (Mg)	19.3	0.1	mg/L	08-AUG-06	JWU	R427923	
Dissolved Metals - CCME							
Dissolved Major Metals							
Calcium (Ca)	99.2	0.5	mg/L	08-AUG-06	SYF	R428450	
Potassium (K)	12.2	0.1	mg/L	08-AUG-06	SYF	R428450	
Magnesium (Mg)	16.6	0.01	mg/L	08-AUG-06	SYF	R428450	
Sodium (Na)	300	0.5	mg/L	08-AUG-06	SYF	R428450	
Iron (Fe)	0.097	0.005	mg/L	08-AUG-06	SYF	R428450	
Manganese (Mn)	1.03	0.001	mg/L	08-AUG-06	SYF	R428450	
Dissolved Trace Metals							
Silver (Ag)	<0.0001	0.0001	mg/L	08-AUG-06	QLI	R428575	
Aluminum (Al)	0.10	0.01	mg/L	08-AUG-06	QLI	R428575	
Arsenic (As)	0.0015	0.0004	mg/L	08-AUG-06	QLI	R428575	
Boron (B)	<0.05	0.05	mg/L	08-AUG-06	QLI	R428575	
Barium (Ba)	0.070	0.003	mg/L	08-AUG-06	QLI	R428575	
Beryllium (Be)	<0.001	0.001	mg/L	08-AUG-06	QLI	R428575	
Cadmium (Cd)	0.0011	0.0001	mg/L	08-AUG-06	QLI	R428575	
Cobalt (Co)	0.003	0.002	mg/L	08-AUG-06	QLI	R428575	

ALS LABORATORY GROUP ANALYTICAL REPORT

L418743-2 200-3

Sampled By: DBS on 02-AUG-06 @ 09:00

Matrix: WATER

Dissolved Metals - CCME**Dissolved Trace Metals**

Chromium (Cr)	<0.005	0.005	mg/L	08-AUG-06	QLI	R428575
Copper (Cu)	0.004	0.001	mg/L	08-AUG-06	QLI	R428575
Mercury (Hg)	<0.0001	0.0001	mg/L	08-AUG-06	QLI	R428575
Lithium (Li)	0.003	0.003	mg/L	08-AUG-06	QLI	R428575
Molybdenum (Mo)	<0.005	0.005	mg/L	08-AUG-06	QLI	R428575
Nickel (Ni)	0.016	0.002	mg/L	08-AUG-06	QLI	R428575
Lead (Pb)	0.0002	0.0001	mg/L	08-AUG-06	QLI	R428575
Antimony (Sb)	0.0004	0.0004	mg/L	08-AUG-06	QLI	R428575
Selenium (Se)	0.0113	0.0004	mg/L	08-AUG-06	QLI	R428575
Tin (Sn)	<0.05	0.05	mg/L	08-AUG-06	QLI	R428575
Titanium (Ti)	0.004	0.001	mg/L	08-AUG-06	QLI	R428575
Thallium (Tl)	0.0003	0.0001	mg/L	08-AUG-06	QLI	R428575
Uranium (U)	0.0008	0.0001	mg/L	08-AUG-06	QLI	R428575
Vanadium (V)	0.005	0.001	mg/L	08-AUG-06	QLI	R428575
Zinc (Zn)	0.019	0.002	mg/L	08-AUG-06	QLI	R428575

Total Metals - CCME**Total Major Metals**

Calcium (Ca)	92.7	0.5	mg/L	08-AUG-06	SYF	R428448
Potassium (K)	11.4	0.1	mg/L	08-AUG-06	SYF	R428448
Magnesium (Mg)	15.4	0.1	mg/L	08-AUG-06	SYF	R428448
Sodium (Na)	287	1	mg/L	08-AUG-06	SYF	R428448
Iron (Fe)	0.247	0.005	mg/L	08-AUG-06	SYF	R428448
Manganese (Mn)	0.981	0.001	mg/L	08-AUG-06	SYF	R428448

Total Trace Metals

Silver (Ag)	<0.0004	0.0004	mg/L	09-AUG-06	QLI	R428730
Aluminum (Al)	0.10	0.01	mg/L	09-AUG-06	QLI	R428730
Arsenic (As)	0.0019	0.0004	mg/L	09-AUG-06	QLI	R428730
Boron (B)	<0.05	0.05	mg/L	09-AUG-06	QLI	R428730
Barium (Ba)	0.069	0.003	mg/L	09-AUG-06	QLI	R428730
Beryllium (Be)	<0.001	0.001	mg/L	09-AUG-06	QLI	R428730
Cadmium (Cd)	0.0010	0.0002	mg/L	09-AUG-06	QLI	R428730
Cobalt (Co)	0.004	0.002	mg/L	09-AUG-06	QLI	R428730
Chromium (Cr)	<0.005	0.005	mg/L	09-AUG-06	QLI	R428730
Copper (Cu)	0.005	0.001	mg/L	09-AUG-06	QLI	R428730
Mercury (Hg)	<0.0002	0.0002	mg/L	09-AUG-06	QLI	R428730
Lithium (Li)	<0.01	0.01	mg/L	09-AUG-06	QLI	R428730
Molybdenum (Mo)	<0.005	0.005	mg/L	09-AUG-06	QLI	R428730
Nickel (Ni)	0.018	0.002	mg/L	09-AUG-06	QLI	R428730
Lead (Pb)	0.0006	0.0001	mg/L	09-AUG-06	QLI	R428730
Antimony (Sb)	0.0005	0.0004	mg/L	09-AUG-06	QLI	R428730
Selenium (Se)	0.0117	0.0004	mg/L	09-AUG-06	QLI	R428730
Tin (Sn)	<0.05	0.05	mg/L	09-AUG-06	QLI	R428730
Titanium (Ti)	0.009	0.001	mg/L	09-AUG-06	QLI	R428730
Thallium (Tl)	0.0003	0.0001	mg/L	09-AUG-06	QLI	R428730
Uranium (U)	0.0008	0.0001	mg/L	09-AUG-06	QLI	R428730
Vanadium (V)	0.006	0.001	mg/L	09-AUG-06	QLI	R428730
Zinc (Zn)	0.018	0.004	mg/L	09-AUG-06	QLI	R428730

Alkalinity, Total (as CaCO3)	49	5	mg/L	05-AUG-06	TL	R427693
Ammonia-N	14.8	0.05	mg/L	09-AUG-06	LDC	R428560

ALS LABORATORY GROUP ANALYTICAL REPORT

L418743-2	200-3							
Sampled By:	DBS on 02-AUG-06 @ 09:00							
Matrix:	WATER							
Chloride (Cl)	593		1	mg/L	08-AUG-06	WYA	R428123	
Conductivity (EC)	2330		0.2	uS/cm	05-AUG-06	TL	R427693	
Nitrate-N	31.9		0.1	mg/L	08-AUG-06	SHC	R428098	
Nitrite-N	0.81		0.05	mg/L	08-AUG-06	SHC	R428098	
Sulphate (SO4)	105		0.5	mg/L	08-AUG-06	JTV	R426782	
Total Suspended Solids	6		3	mg/L	09-AUG-06	SVG	R428509	
pH	7.7		0.1	pH	05-AUG-06	TL	R427693	
L418743-3	200-4							
Sampled By:	DBS on 02-AUG-06 @ 09:15							
Matrix:	WATER							
Hardness								
Calcium (Ca)	32.4		0.5	mg/L	08-AUG-06	JWU	R427923	
Hardness (as CaCO3)	107			mg/L	09-AUG-06			
Magnesium (Mg)	6.3		0.1	mg/L	08-AUG-06	JWU	R427923	
Dissolved Metals - CCME								
Dissolved Major Metals								
Calcium (Ca)	93.4	RRV	0.5	mg/L	08-AUG-06	SYF	R428450	
Potassium (K)	12.0	RRV	0.1	mg/L	08-AUG-06	SYF	R428450	
Magnesium (Mg)	15.4	RRV	0.01	mg/L	08-AUG-06	SYF	R428450	
Sodium (Na)	293	RRV	0.5	mg/L	08-AUG-06	SYF	R428450	
Iron (Fe)	0.061	RRV	0.005	mg/L	08-AUG-06	SYF	R428450	
Manganese (Mn)	0.727	RRV	0.001	mg/L	08-AUG-06	SYF	R428450	
Dissolved Trace Metals								
Silver (Ag)	<0.0001		0.0001	mg/L	08-AUG-06	QLI	R428575	
Aluminum (Al)	0.07	RRVAP	0.01	mg/L	08-AUG-06	QLI	R428575	
Arsenic (As)	0.0009		0.0004	mg/L	22-AUG-06	HLA	R433072	
Boron (B)	<0.05		0.05	mg/L	08-AUG-06	QLI	R428575	
Barium (Ba)	0.072	RRVAP	0.003	mg/L	08-AUG-06	QLI	R428575	
Beryllium (Be)	<0.001		0.001	mg/L	08-AUG-06	QLI	R428575	
Cadmium (Cd)	0.0007	RRV	0.0001	mg/L	08-AUG-06	QLI	R428575	
Cobalt (Co)	0.002		0.002	mg/L	08-AUG-06	QLI	R428575	
Chromium (Cr)	<0.005		0.005	mg/L	08-AUG-06	QLI	R428575	
Copper (Cu)	0.003		0.001	mg/L	08-AUG-06	QLI	R428575	
Mercury (Hg)	<0.0001		0.0001	mg/L	08-AUG-06	QLI	R428575	
Lithium (Li)	<0.003		0.003	mg/L	08-AUG-06	QLI	R428575	
Molybdenum (Mo)	<0.005		0.005	mg/L	08-AUG-06	QLI	R428575	
Nickel (Ni)	0.011	RRVAP	0.002	mg/L	08-AUG-06	QLI	R428575	
Lead (Pb)	0.0002		0.0001	mg/L	08-AUG-06	QLI	R428575	
Antimony (Sb)	0.0004		0.0004	mg/L	08-AUG-06	QLI	R428575	
Selenium (Se)	0.0004		0.0004	mg/L	22-AUG-06	RA	R433071	
Tin (Sn)	<0.05		0.05	mg/L	08-AUG-06	QLI	R428575	
Titanium (Ti)	0.003	RRVAP	0.001	mg/L	08-AUG-06	QLI	R428575	
Thallium (Tl)	0.0003		0.0001	mg/L	08-AUG-06	QLI	R428575	
Uranium (U)	0.0008	RRV	0.0001	mg/L	08-AUG-06	QLI	R428575	
Vanadium (V)	<0.001		0.001	mg/L	08-AUG-06	QLI	R428575	
Zinc (Zn)	0.013		0.002	mg/L	08-AUG-06	QLI	R428575	
Total Metals - CCME								
Total Major Metals								
Calcium (Ca)	27.9	RRV	0.5	mg/L	10-AUG-06	SYF	R429147	
Potassium (K)	3.1	RRV	0.1	mg/L	10-AUG-06	SYF	R429147	

ALS LABORATORY GROUP ANALYTICAL REPORT

L418743-3	200-4							
Sampled By:	DBS on 02-AUG-06 @ 09:15							
Matrix:	WATER							
Total Metals - CCME								
Total Major Metals								
Magnesium (Mg)	5.3	RRV	0.1	mg/L	10-AUG-06	SYF	R429147	
Sodium (Na)	82	RRV	1	mg/L	10-AUG-06	SYF	R429147	
Iron (Fe)	0.017	RRV	0.005	mg/L	10-AUG-06	SYF	R429147	
Manganese (Mn)	0.021	RRV	0.001	mg/L	10-AUG-06	SYF	R429147	
Total Trace Metals								
Silver (Ag)	<0.0004		0.0004	mg/L	09-AUG-06	QLI	R428730	
Aluminum (Al)	0.02		0.01	mg/L	09-AUG-06	QLI	R428730	
Arsenic (As)	<0.0004		0.0004	mg/L	09-AUG-06	QLI	R428730	
Boron (B)	<0.05		0.05	mg/L	09-AUG-06	QLI	R428730	
Barium (Ba)	0.048		0.003	mg/L	09-AUG-06	QLI	R428730	
Beryllium (Be)	<0.001		0.001	mg/L	09-AUG-06	QLI	R428730	
Cadmium (Cd)	<0.0002		0.0002	mg/L	09-AUG-06	QLI	R428730	
Cobalt (Co)	<0.002		0.002	mg/L	09-AUG-06	QLI	R428730	
Chromium (Cr)	<0.005		0.005	mg/L	09-AUG-06	QLI	R428730	
Copper (Cu)	0.002		0.001	mg/L	09-AUG-06	QLI	R428730	
Mercury (Hg)	<0.0002		0.0002	mg/L	09-AUG-06	QLI	R428730	
Lithium (Li)	<0.01		0.01	mg/L	09-AUG-06	QLI	R428730	
Molybdenum (Mo)	<0.005		0.005	mg/L	09-AUG-06	QLI	R428730	
Nickel (Ni)	0.003		0.002	mg/L	09-AUG-06	QLI	R428730	
Lead (Pb)	0.0001		0.0001	mg/L	09-AUG-06	QLI	R428730	
Antimony (Sb)	<0.0004		0.0004	mg/L	09-AUG-06	QLI	R428730	
Selenium (Se)	0.0004		0.0004	mg/L	09-AUG-06	QLI	R428730	
Selenium (Se)	<0.0004		0.0004	mg/L	14-AUG-06	RA	R430134	
Tin (Sn)	<0.05		0.05	mg/L	09-AUG-06	QLI	R428730	
Titanium (Ti)	<0.001		0.001	mg/L	09-AUG-06	QLI	R428730	
Thallium (Tl)	0.0002		0.0001	mg/L	09-AUG-06	QLI	R428730	
Uranium (U)	<0.0001		0.0001	mg/L	09-AUG-06	QLI	R428730	
Vanadium (V)	0.002		0.001	mg/L	09-AUG-06	QLI	R428730	
Zinc (Zn)	0.015		0.004	mg/L	09-AUG-06	QLI	R428730	
Alkalinity, Total (as CaCO3)	6		5	mg/L	05-AUG-06	TL	R427693	
Ammonia-N	0.22		0.05	mg/L	09-AUG-06	LDC	R428560	
Chloride (Cl)	156		1	mg/L	08-AUG-06	WYA	R428123	
Conductivity (EC)	674		0.2	uS/cm	05-AUG-06	TL	R427693	
Nitrate-N	5.3		0.1	mg/L	08-AUG-06	SHC	R428098	
Nitrite-N	<0.05		0.05	mg/L	08-AUG-06	SHC	R428098	
Sulphate (SO4)	34.8		0.5	mg/L	08-AUG-06	JTV	R426782	
Total Suspended Solids	4		3	mg/L	09-AUG-06	SVG	R428509	
pH	6.9		0.1	pH	05-AUG-06	TL	R427693	
L418743-4	200-5							
Sampled By:	DBS on 02-AUG-06 @ 09:30							
Matrix:	WATER							
Hardness								
Calcium (Ca)	2.8		0.5	mg/L	08-AUG-06	JWU	R427923	
Hardness (as CaCO3)	12			mg/L	09-AUG-06			
Magnesium (Mg)	1.2		0.1	mg/L	08-AUG-06	JWU	R427923	
Dissolved Metals - CCME								
Dissolved Major Metals								
Calcium (Ca)	2.4		0.5	mg/L	08-AUG-06	SYF	R428450	

ALS LABORATORY GROUP ANALYTICAL REPORT

L418743-4 200-5

Sampled By: DBS on 02-AUG-06 @ 09:30

Matrix: WATER

Dissolved Metals - CCME**Dissolved Major Metals**

Potassium (K)	0.5	0.1	mg/L	08-AUG-06	SYF	R428450
Magnesium (Mg)	1.09	0.01	mg/L	08-AUG-06	SYF	R428450
Sodium (Na)	1.7	0.5	mg/L	08-AUG-06	SYF	R428450
Iron (Fe)	0.014	0.005	mg/L	08-AUG-06	SYF	R428450
Manganese (Mn)	0.001	0.001	mg/L	08-AUG-06	SYF	R428450

Dissolved Trace Metals

Silver (Ag)	<0.0001	0.0001	mg/L	08-AUG-06	QLI	R428575
Aluminum (Al)	0.01	0.01	mg/L	08-AUG-06	QLI	R428575
Arsenic (As)	<0.0004	0.0004	mg/L	08-AUG-06	QLI	R428575
Boron (B)	<0.05	0.05	mg/L	08-AUG-06	QLI	R428575
Barium (Ba)	0.003	0.003	mg/L	08-AUG-06	QLI	R428575
Beryllium (Be)	<0.001	0.001	mg/L	08-AUG-06	QLI	R428575
Cadmium (Cd)	<0.0001	0.0001	mg/L	08-AUG-06	QLI	R428575
Cobalt (Co)	<0.002	0.002	mg/L	08-AUG-06	QLI	R428575
Chromium (Cr)	<0.005	0.005	mg/L	08-AUG-06	QLI	R428575
Copper (Cu)	0.002	0.001	mg/L	08-AUG-06	QLI	R428575
Mercury (Hg)	<0.0001	0.0001	mg/L	08-AUG-06	QLI	R428575
Lithium (Li)	<0.003	0.003	mg/L	08-AUG-06	QLI	R428575
Molybdenum (Mo)	<0.005	0.005	mg/L	08-AUG-06	QLI	R428575
Nickel (Ni)	<0.002	0.002	mg/L	08-AUG-06	QLI	R428575
Lead (Pb)	<0.0001	0.0001	mg/L	08-AUG-06	QLI	R428575
Antimony (Sb)	<0.0004	0.0004	mg/L	08-AUG-06	QLI	R428575
Selenium (Se)	<0.0004	0.0004	mg/L	08-AUG-06	QLI	R428575
Tin (Sn)	<0.05	0.05	mg/L	08-AUG-06	QLI	R428575
Titanium (Ti)	<0.001	0.001	mg/L	08-AUG-06	QLI	R428575
Thallium (Tl)	0.0006	0.0001	mg/L	08-AUG-06	QLI	R428575
Uranium (U)	<0.0001	0.0001	mg/L	08-AUG-06	QLI	R428575
Vanadium (V)	<0.001	0.001	mg/L	08-AUG-06	QLI	R428575
Zinc (Zn)	0.002	0.002	mg/L	08-AUG-06	QLI	R428575

Total Metals - CCME**Total Major Metals**

Calcium (Ca)	2.4	0.5	mg/L	10-AUG-06	SYF	R429147
Potassium (K)	0.4	0.1	mg/L	10-AUG-06	SYF	R429147
Magnesium (Mg)	1.1	0.1	mg/L	10-AUG-06	SYF	R429147
Sodium (Na)	2	1	mg/L	11-AUG-06	SYF	R429774
Iron (Fe)	0.018	0.005	mg/L	10-AUG-06	SYF	R429147
Manganese (Mn)	0.003	0.001	mg/L	10-AUG-06	SYF	R429147

Total Trace Metals

Silver (Ag)	<0.0004	0.0004	mg/L	09-AUG-06	QLI	R428730
Aluminum (Al)	0.02	0.01	mg/L	09-AUG-06	QLI	R428730
Arsenic (As)	<0.0004	0.0004	mg/L	09-AUG-06	QLI	R428730
Boron (B)	<0.05	0.05	mg/L	09-AUG-06	QLI	R428730
Barium (Ba)	0.003	0.003	mg/L	09-AUG-06	QLI	R428730
Beryllium (Be)	<0.001	0.001	mg/L	09-AUG-06	QLI	R428730
Cadmium (Cd)	<0.0002	0.0002	mg/L	09-AUG-06	QLI	R428730
Cobalt (Co)	<0.002	0.002	mg/L	09-AUG-06	QLI	R428730
Chromium (Cr)	<0.005	0.005	mg/L	09-AUG-06	QLI	R428730
Copper (Cu)	0.002	0.001	mg/L	09-AUG-06	QLI	R428730
Mercury (Hg)	<0.0002	0.0002	mg/L	09-AUG-06	QLI	R428730
Lithium (Li)	<0.01	0.01	mg/L	09-AUG-06	QLI	R428730
Molybdenum (Mo)	<0.005	0.005	mg/L	09-AUG-06	QLI	R428730

ALS LABORATORY GROUP ANALYTICAL REPORT

L418743-4 200-5

Sampled By: DBS on 02-AUG-06 @ 09:30

Matrix: WATER

Total Metals - CCME**Total Trace Metals**

Nickel (Ni)	<0.002	0.002	mg/L	09-AUG-06	QLI	R428730
Lead (Pb)	<0.0001	0.0001	mg/L	09-AUG-06	QLI	R428730
Antimony (Sb)	<0.0004	0.0004	mg/L	09-AUG-06	QLI	R428730
Selenium (Se)	<0.0004	0.0004	mg/L	09-AUG-06	QLI	R428730
Tin (Sn)	<0.05	0.05	mg/L	09-AUG-06	QLI	R428730
Titanium (Ti)	<0.001	0.001	mg/L	09-AUG-06	QLI	R428730
Thallium (Tl)	<0.0001	0.0001	mg/L	09-AUG-06	QLI	R428730
Uranium (U)	<0.0001	0.0001	mg/L	09-AUG-06	QLI	R428730
Vanadium (V)	<0.001	0.001	mg/L	09-AUG-06	QLI	R428730
Zinc (Zn)	<0.004	0.004	mg/L	09-AUG-06	QLI	R428730
Alkalinity, Total (as CaCO ₃)	<5	5	mg/L	05-AUG-06	TL	R427693
Ammonia-N	<0.05	0.05	mg/L	09-AUG-06	LDC	R428560
Chloride (Cl)	4	1	mg/L	08-AUG-06	WYA	R428123
Conductivity (EC)	35.5	0.2	uS/cm	05-AUG-06	TL	R427693
Nitrate-N	<0.1	0.1	mg/L	08-AUG-06	SHC	R428098
Nitrite-N	<0.05	0.05	mg/L	08-AUG-06	SHC	R428098
Sulphate (SO ₄)	5.1	0.5	mg/L	08-AUG-06	JTV	R426782
Total Suspended Solids	3	3	mg/L	09-AUG-06	SVG	R428509
pH	6.9	0.1	pH	05-AUG-06	TL	R427693

L418743-5 200-5A

Sampled By: DBS on 02-AUG-06 @ 09:45

Matrix: WATER

Hardness

Calcium (Ca)	104	0.5	mg/L	08-AUG-06	JWU	R427923
Hardness (as CaCO ₃)	334		mg/L	09-AUG-06		
Magnesium (Mg)	18.0	0.1	mg/L	08-AUG-06	JWU	R427923

Dissolved Metals - CCME**Dissolved Major Metals**

Calcium (Ca)	31.6	0.5	mg/L	08-AUG-06	SYF	R428450
Potassium (K)	3.4	0.1	mg/L	08-AUG-06	SYF	R428450
Magnesium (Mg)	7.60	0.01	mg/L	08-AUG-06	SYF	R428450
Sodium (Na)	95.4	0.5	mg/L	08-AUG-06	SYF	R428450
Iron (Fe)	0.014	0.005	mg/L	08-AUG-06	SYF	R428450
Manganese (Mn)	0.015	0.001	mg/L	08-AUG-06	SYF	R428450

Dissolved Trace Metals

Silver (Ag)	<0.0001	0.0001	mg/L	08-AUG-06	QLI	R428575
Aluminum (Al)	0.10	0.01	mg/L	08-AUG-06	QLI	R428575
Arsenic (As)	<0.0004	0.0004	mg/L	08-AUG-06	QLI	R428575
Boron (B)	<0.05	0.05	mg/L	08-AUG-06	QLI	R428575
Barium (Ba)	0.082	0.003	mg/L	08-AUG-06	QLI	R428575
Beryllium (Be)	<0.001	0.001	mg/L	08-AUG-06	QLI	R428575
Cadmium (Cd)	0.0003	0.0001	mg/L	08-AUG-06	QLI	R428575
Cobalt (Co)	<0.002	0.002	mg/L	08-AUG-06	QLI	R428575
Chromium (Cr)	<0.005	0.005	mg/L	08-AUG-06	QLI	R428575
Copper (Cu)	0.001	0.001	mg/L	08-AUG-06	QLI	R428575
Mercury (Hg)	<0.0001	0.0001	mg/L	08-AUG-06	QLI	R428575
Lithium (Li)	<0.003	0.003	mg/L	08-AUG-06	QLI	R428575
Molybdenum (Mo)	<0.005	0.005	mg/L	08-AUG-06	QLI	R428575

ALS LABORATORY GROUP ANALYTICAL REPORT

L418743-5	200-5A						
Sampled By:	DBS on 02-AUG-06 @ 09:45						
Matrix:	WATER						
Dissolved Metals - CCME							
Dissolved Trace Metals							
Nickel (Ni)	0.005		0.002	mg/L	08-AUG-06	QLI	R428575
Lead (Pb)	<0.0001		0.0001	mg/L	08-AUG-06	QLI	R428575
Antimony (Sb)	<0.0004		0.0004	mg/L	08-AUG-06	QLI	R428575
Selenium (Se)	0.0006		0.0004	mg/L	08-AUG-06	QLI	R428575
Tin (Sn)	<0.05		0.05	mg/L	08-AUG-06	QLI	R428575
Titanium (Ti)	<0.001		0.001	mg/L	08-AUG-06	QLI	R428575
Thallium (Tl)	0.0004		0.0001	mg/L	08-AUG-06	QLI	R428575
Uranium (U)	0.0002		0.0001	mg/L	08-AUG-06	QLI	R428575
Vanadium (V)	0.004		0.001	mg/L	08-AUG-06	QLI	R428575
Zinc (Zn)	0.022		0.002	mg/L	08-AUG-06	QLI	R428575
Total Metals - CCME							
Total Major Metals							
Calcium (Ca)	31.2	RRV	0.5	mg/L	10-AUG-06	SYF	R429147
Potassium (K)	3.3		0.1	mg/L	10-AUG-06	SYF	R429147
Magnesium (Mg)	7.6	RRV	0.1	mg/L	10-AUG-06	SYF	R429147
Sodium (Na)	99		1	mg/L	10-AUG-06	SYF	R429147
Iron (Fe)	0.013		0.005	mg/L	10-AUG-06	SYF	R429147
Manganese (Mn)	0.015		0.001	mg/L	10-AUG-06	SYF	R429147
Total Trace Metals							
Silver (Ag)	<0.0004		0.0004	mg/L	09-AUG-06	QLI	R428730
Aluminum (Al)	0.10		0.01	mg/L	09-AUG-06	QLI	R428730
Arsenic (As)	<0.0004		0.0004	mg/L	09-AUG-06	QLI	R428730
Boron (B)	<0.05		0.05	mg/L	09-AUG-06	QLI	R428730
Barium (Ba)	0.077		0.003	mg/L	09-AUG-06	QLI	R428730
Beryllium (Be)	<0.001		0.001	mg/L	09-AUG-06	QLI	R428730
Cadmium (Cd)	0.0003		0.0002	mg/L	09-AUG-06	QLI	R428730
Cobalt (Co)	<0.002		0.002	mg/L	09-AUG-06	QLI	R428730
Chromium (Cr)	<0.005		0.005	mg/L	09-AUG-06	QLI	R428730
Copper (Cu)	0.002		0.001	mg/L	09-AUG-06	QLI	R428730
Mercury (Hg)	<0.0002		0.0002	mg/L	09-AUG-06	QLI	R428730
Lithium (Li)	<0.01		0.01	mg/L	09-AUG-06	QLI	R428730
Molybdenum (Mo)	<0.005		0.005	mg/L	09-AUG-06	QLI	R428730
Nickel (Ni)	0.005		0.002	mg/L	09-AUG-06	QLI	R428730
Lead (Pb)	0.0001		0.0001	mg/L	09-AUG-06	QLI	R428730
Antimony (Sb)	<0.0004		0.0004	mg/L	09-AUG-06	QLI	R428730
Selenium (Se)	0.0005		0.0004	mg/L	09-AUG-06	QLI	R428730
Tin (Sn)	<0.05		0.05	mg/L	09-AUG-06	QLI	R428730
Titanium (Ti)	<0.001		0.001	mg/L	09-AUG-06	QLI	R428730
Thallium (Tl)	0.0002		0.0001	mg/L	09-AUG-06	QLI	R428730
Uranium (U)	0.0002		0.0001	mg/L	09-AUG-06	QLI	R428730
Vanadium (V)	0.003		0.001	mg/L	09-AUG-06	QLI	R428730
Zinc (Zn)	0.022		0.004	mg/L	09-AUG-06	QLI	R428730
Alkalinity, Total (as CaCO3)							
Alkalinity, Total (as CaCO3)	47		5	mg/L	05-AUG-06	TL	R427693
Ammonia-N	0.78		0.05	mg/L	09-AUG-06	LDC	R428560
Chloride (Cl)	579		1	mg/L	08-AUG-06	WYA	R428123
Conductivity (EC)	2280		0.2	uS/cm	05-AUG-06	TL	R427693
Nitrate-N	32.9		0.1	mg/L	08-AUG-06	SHC	R428098
Nitrite-N	0.55		0.05	mg/L	08-AUG-06	SHC	R428098
Sulphate (SO4)	105		0.5	mg/L	08-AUG-06	JTV	R426782

ALS LABORATORY GROUP ANALYTICAL REPORT

L418743-5

200-5A

Sampled By: DBS on 02-AUG-06 @ 09:45

Matrix: WATER

Total Suspended Solids

<3

3

mg/L

09-AUG-06

SVG

R428509

pH

7.6

0.1

pH

05-AUG-06

TL

R427693

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

Reference Information

Sample Parameter Qualifier key listed:

Qualifier	Description
RRV	Reported Result Verified By Repeat Analysis
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:

260838

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

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

Reference Information

GLOSSARY OF REPORT TERMS

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

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

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

< - Less than.

D.L. - The reporting limit.

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

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

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

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

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

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