

Reported On: 21-JUL-06 10:34 AM

Comments:

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

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.

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Now part of the ALS Laboratory Group

ALS LABORATORY GROUP ANALYTICAL REPORT

L410524-1	200-2							
Sampled By:	NOT PROVIDED on 12-JUL-06							
Matrix:	WATER							
Hardness								
Calcium (Ca)	3.7	0.5	mg/L	14-JUL-06	MLH	R419519		
Hardness (as CaCO ₃)	13		mg/L	17-JUL-06				
Magnesium (Mg)	0.9	0.1	mg/L	14-JUL-06	MLH	R419519		
Dissolved Metals - CCME								
Dissolved Major Metals								
Calcium (Ca)	3.3	0.5	mg/L	13-JUL-06	HAS	R419575		
Potassium (K)	0.7	0.1	mg/L	13-JUL-06	HAS	R419575		
Magnesium (Mg)	0.73	0.01	mg/L	13-JUL-06	HAS	R419575		
Sodium (Na)	8.5	0.5	mg/L	14-JUL-06	HAS	R419817		
Iron (Fe)	0.367	0.005	mg/L	13-JUL-06	HAS	R419575		
Manganese (Mn)	0.014	0.001	mg/L	13-JUL-06	HAS	R419575		
Dissolved Trace Metals								
Silver (Ag)	<0.0001	0.0001	mg/L	17-JUL-06	QLI	R420557		
Aluminum (Al)	0.05	0.01	mg/L	17-JUL-06	QLI	R420557		
Arsenic (As)	0.0014	0.0004	mg/L	17-JUL-06	QLI	R420557		
Boron (B)	<0.05	0.05	mg/L	17-JUL-06	QLI	R420557		
Barium (Ba)	0.003	0.003	mg/L	17-JUL-06	QLI	R420557		
Beryllium (Be)	<0.001	0.001	mg/L	17-JUL-06	QLI	R420557		
Cadmium (Cd)	<0.0001	0.0001	mg/L	17-JUL-06	QLI	R420557		
Cobalt (Co)	<0.002	0.002	mg/L	17-JUL-06	QLI	R420557		
Chromium (Cr)	<0.005	0.005	mg/L	17-JUL-06	QLI	R420557		
Copper (Cu)	0.003	0.001	mg/L	17-JUL-06	QLI	R420557		
Mercury (Hg)	<0.0001	0.0001	mg/L	17-JUL-06	QLI	R420557		
Lithium (Li)	<0.003	0.003	mg/L	17-JUL-06	QLI	R420557		
Molybdenum (Mo)	<0.005	0.005	mg/L	17-JUL-06	QLI	R420557		
Nickel (Ni)	<0.002	0.002	mg/L	17-JUL-06	QLI	R420557		
Lead (Pb)	<0.0001	0.0001	mg/L	17-JUL-06	QLI	R420557		
Antimony (Sb)	0.0008	0.0004	mg/L	17-JUL-06	QLI	R420557		
Selenium (Se)	<0.0004	0.0004	mg/L	17-JUL-06	QLI	R420557		
Tin (Sn)	<0.05	0.05	mg/L	17-JUL-06	QLI	R420557		
Titanium (Ti)	<0.001	0.001	mg/L	17-JUL-06	QLI	R420557		
Thallium (Tl)	<0.0001	0.0001	mg/L	17-JUL-06	QLI	R420557		
Uranium (U)	<0.0001	0.0001	mg/L	17-JUL-06	QLI	R420557		
Vanadium (V)	<0.001	0.001	mg/L	17-JUL-06	QLI	R420557		
Zinc (Zn)	0.008	0.002	mg/L	17-JUL-06	QLI	R420557		
Total Metals - CCME								
Total Major Metals								
Calcium (Ca)	3.4	0.5	mg/L	18-JUL-06	HAS	R421182		
Potassium (K)	0.7	0.1	mg/L	18-JUL-06	HAS	R421182		
Magnesium (Mg)	0.9	0.1	mg/L	18-JUL-06	HAS	R421182		
Sodium (Na)	8	1	mg/L	18-JUL-06	HAS	R421182		
Iron (Fe)	1.06	0.005	mg/L	18-JUL-06	HAS	R421182		
Manganese (Mn)	0.022	0.001	mg/L	18-JUL-06	HAS	R421182		
Total Trace Metals								
Silver (Ag)	<0.0004	0.0004	mg/L	19-JUL-06	QLI	R421833		
Aluminum (Al)	0.55	0.01	mg/L	19-JUL-06	QLI	R421833		
Arsenic (As)	0.0039	0.0004	mg/L	19-JUL-06	QLI	R421833		
Boron (B)	<0.05	0.05	mg/L	19-JUL-06	QLI	R421833		
Barium (Ba)	0.009	0.003	mg/L	19-JUL-06	QLI	R421833		
Beryllium (Be)	<0.001	0.001	mg/L	19-JUL-06	QLI	R421833		
Cadmium (Cd)	<0.0002	0.0002	mg/L	19-JUL-06	QLI	R421833		
Cobalt (Co)	<0.002	0.002	mg/L	19-JUL-06	QLI	R421833		

ALS LABORATORY GROUP ANALYTICAL REPORT

L410524-1 200-2							
Sampled By: NOT PROVIDED on 12-JUL-06							
Matrix: WATER							
Total Metals - CCME							
Total Trace Metals							
Chromium (Cr)	<0.005	0.005	mg/L	19-JUL-06	QLI	R421833	
Copper (Cu)	0.007	0.001	mg/L	19-JUL-06	QLI	R421833	
Mercury (Hg)	<0.0002	0.0002	mg/L	19-JUL-06	QLI	R421833	
Lithium (Li)	<0.01	0.01	mg/L	19-JUL-06	QLI	R421833	
Molybdenum (Mo)	<0.005	0.005	mg/L	19-JUL-06	QLI	R421833	
Nickel (Ni)	<0.002	0.002	mg/L	19-JUL-06	QLI	R421833	
Lead (Pb)	0.0015	0.0001	mg/L	19-JUL-06	QLI	R421833	
Antimony (Sb)	<0.0004	0.0004	mg/L	19-JUL-06	QLI	R421833	
Selenium (Se)	<0.0004	0.0004	mg/L	19-JUL-06	QLI	R421833	
Tin (Sn)	<0.05	0.05	mg/L	19-JUL-06	QLI	R421833	
Titanium (Ti)	0.036	0.001	mg/L	19-JUL-06	QLI	R421833	
Thallium (Tl)	<0.0001	0.0001	mg/L	19-JUL-06	QLI	R421833	
Uranium (U)	<0.0001	0.0001	mg/L	19-JUL-06	QLI	R421833	
Vanadium (V)	0.003	0.001	mg/L	19-JUL-06	QLI	R421833	
Zinc (Zn)	0.017	0.004	mg/L	19-JUL-06	QLI	R421833	
Alkalinity, Total (as CaCO ₃)	<5	5	mg/L	14-JUL-06	PTT	R419509	
Ammonia-N	0.90	0.05	mg/L	14-JUL-06	LDC	R419622	
Chloride (Cl)	16	1	mg/L	14-JUL-06	WYA	R419767	
Conductivity (EC)	81.9	0.2	uS/cm	14-JUL-06	PTT	R419509	
Nitrate-N	0.5	0.1	mg/L	17-JUL-06	SHC	R419815	
Nitrite-N	<0.05	0.05	mg/L	17-JUL-06	SHC	R419815	
Sulphate (SO ₄)	0.6	0.5	mg/L	17-JUL-06	JWU	R418352	
Total Suspended Solids	18	3	mg/L	14-JUL-06	SVG	R419625	
pH	7.0	0.1	pH	14-JUL-06	PTT	R419509	
L410524-2 200-3							
Sampled By: NOT PROVIDED on 12-JUL-06							
Matrix: WATER							
Hardness							
Calcium (Ca)	75.1	0.5	mg/L	14-JUL-06	MLH	R419519	
Hardness (as CaCO ₃)	239		mg/L	17-JUL-06			
Magnesium (Mg)	12.5	0.1	mg/L	14-JUL-06	MLH	R419519	
Dissolved Metals - CCME							
Dissolved Major Metals							
Calcium (Ca)	74.3	0.5	mg/L	13-JUL-06	HAS	R419575	
Potassium (K)	9.9	0.1	mg/L	13-JUL-06	HAS	R419575	
Magnesium (Mg)	11.8	0.01	mg/L	13-JUL-06	HAS	R419575	
Sodium (Na)	301	0.5	mg/L	13-JUL-06	HAS	R419575	
Iron (Fe)	0.146	0.005	mg/L	13-JUL-06	HAS	R419575	
Manganese (Mn)	0.301	0.001	mg/L	13-JUL-06	HAS	R419575	
Dissolved Trace Metals							
Silver (Ag)	<0.0001	0.0001	mg/L	17-JUL-06	QLI	R420557	
Aluminum (Al)	0.05	0.01	mg/L	17-JUL-06	QLI	R420557	
Arsenic (As)	0.0018	0.0004	mg/L	17-JUL-06	QLI	R420557	
Boron (B)	<0.05	0.05	mg/L	17-JUL-06	QLI	R420557	
Barium (Ba)	0.061	0.003	mg/L	17-JUL-06	QLI	R420557	
Beryllium (Be)	<0.001	0.001	mg/L	17-JUL-06	QLI	R420557	
Cadmium (Cd)	0.0005	0.0001	mg/L	17-JUL-06	QLI	R420557	
Cobalt (Co)	<0.002	0.002	mg/L	17-JUL-06	QLI	R420557	

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L410524-2 200-3

Sampled By: NOT PROVIDED on 12-JUL-06

Matrix: WATER

Dissolved Metals - CCME**Dissolved Trace Metals**

Chromium (Cr)	<0.005	0.005	mg/L	17-JUL-06	QLI	R420557
Copper (Cu)	0.003	0.001	mg/L	17-JUL-06	QLI	R420557
Mercury (Hg)	<0.0001	0.0001	mg/L	17-JUL-06	QLI	R420557
Lithium (Li)	0.004	0.003	mg/L	17-JUL-06	QLI	R420557
Molybdenum (Mo)	0.005	0.005	mg/L	17-JUL-06	QLI	R420557
Nickel (Ni)	0.007	0.002	mg/L	17-JUL-06	QLI	R420557
Lead (Pb)	0.0001	0.0001	mg/L	17-JUL-06	QLI	R420557
Antimony (Sb)	0.0014	0.0004	mg/L	17-JUL-06	QLI	R420557
Selenium (Se)	<0.0004	0.0004	mg/L	17-JUL-06	QLI	R420557
Tin (Sn)	<0.05	0.05	mg/L	17-JUL-06	QLI	R420557
Titanium (Ti)	0.001	0.001	mg/L	17-JUL-06	QLI	R420557
Thallium (Tl)	0.0002	0.0001	mg/L	17-JUL-06	QLI	R420557
Uranium (U)	0.0011	0.0001	mg/L	17-JUL-06	QLI	R420557
Vanadium (V)	0.005	0.001	mg/L	17-JUL-06	QLI	R420557
Zinc (Zn)	0.008	0.002	mg/L	17-JUL-06	QLI	R420557

Total Metals - CCME**Total Major Metals**

Calcium (Ca)	70.4	0.5	mg/L	18-JUL-06	HAS	R421182
Potassium (K)	9.0	0.1	mg/L	18-JUL-06	HAS	R421182
Magnesium (Mg)	11.1	0.1	mg/L	18-JUL-06	HAS	R421182
Sodium (Na)	294	1	mg/L	18-JUL-06	HAS	R421182
Iron (Fe)	0.222	0.005	mg/L	18-JUL-06	HAS	R421182
Manganese (Mn)	0.298	0.001	mg/L	18-JUL-06	HAS	R421182

Total Trace Metals

Silver (Ag)	<0.0004	0.0004	mg/L	19-JUL-06	QLI	R421833
Aluminum (Al)	0.09	0.01	mg/L	19-JUL-06	QLI	R421833
Arsenic (As)	0.0024	0.0004	mg/L	19-JUL-06	QLI	R421833
Boron (B)	0.06	0.05	mg/L	19-JUL-06	QLI	R421833
Barium (Ba)	0.061	0.003	mg/L	19-JUL-06	QLI	R421833
Beryllium (Be)	<0.001	0.001	mg/L	19-JUL-06	QLI	R421833
Cadmium (Cd)	0.0005	0.0002	mg/L	19-JUL-06	QLI	R421833
Cobalt (Co)	<0.002	0.002	mg/L	19-JUL-06	QLI	R421833
Chromium (Cr)	<0.005	0.005	mg/L	19-JUL-06	QLI	R421833
Copper (Cu)	0.004	0.001	mg/L	19-JUL-06	QLI	R421833
Mercury (Hg)	<0.0002	0.0002	mg/L	19-JUL-06	QLI	R421833
Lithium (Li)	<0.01	0.01	mg/L	19-JUL-06	QLI	R421833
Molybdenum (Mo)	0.005	0.005	mg/L	19-JUL-06	QLI	R421833
Nickel (Ni)	0.008	0.002	mg/L	19-JUL-06	QLI	R421833
Lead (Pb)	0.0005	0.0001	mg/L	19-JUL-06	QLI	R421833
Antimony (Sb)	0.0006	0.0004	mg/L	19-JUL-06	QLI	R421833
Selenium (Se)	0.0141	0.0004	mg/L	19-JUL-06	QLI	R421833
Tin (Sn)	<0.05	0.05	mg/L	19-JUL-06	QLI	R421833
Titanium (Ti)	0.008	0.001	mg/L	19-JUL-06	QLI	R421833
Thallium (Tl)	0.0003	0.0001	mg/L	19-JUL-06	QLI	R421833
Uranium (U)	0.0011	0.0001	mg/L	19-JUL-06	QLI	R421833
Vanadium (V)	0.008	0.001	mg/L	19-JUL-06	QLI	R421833
Zinc (Zn)	0.011	0.004	mg/L	19-JUL-06	QLI	R421833

Alkalinity, Total (as CaCO3)	58	5	mg/L	14-JUL-06	PTT	R419509
Ammonia-N	10.3	0.05	mg/L	14-JUL-06	LDC	R419622

ALS LABORATORY GROUP ANALYTICAL REPORT

L410524-2	200-3							
Sampled By:	NOT PROVIDED on 12-JUL-06							
Matrix:	WATER							
Chloride (Cl)	545	1	mg/L	14-JUL-06	WYA	R419767		
Conductivity (EC)	2020	0.2	uS/cm	14-JUL-06	PTT	R419509		
Nitrate-N	20.8	0.1	mg/L	17-JUL-06	SHC	R419815		
Nitrite-N	0.96	0.05	mg/L	17-JUL-06	SHC	R419815		
Sulphate (SO4)	106	0.5	mg/L	17-JUL-06	JWU	R418352		
Total Suspended Solids	4	3	mg/L	14-JUL-06	SVG	R419625		
pH	7.8	0.1	pH	14-JUL-06	PTT	R419509		
L410524-3	200-4							
Sampled By:	NOT PROVIDED on 12-JUL-06							
Matrix:	WATER							
Hardness								
Calcium (Ca)	22.1	0.5	mg/L	14-JUL-06	MLH	R419519		
Hardness (as CaCO3)	72		mg/L	17-JUL-06				
Magnesium (Mg)	4.1	0.1	mg/L	14-JUL-06	MLH	R419519		
Dissolved Metals - CCME								
Dissolved Major Metals								
Calcium (Ca)	21.4	0.5	mg/L	13-JUL-06	HAS	R419575		
Potassium (K)	2.3	0.1	mg/L	13-JUL-06	HAS	R419575		
Magnesium (Mg)	3.96	0.01	mg/L	13-JUL-06	HAS	R419575		
Sodium (Na)	53.0	0.5	mg/L	13-JUL-06	HAS	R419575		
Iron (Fe)	0.025	0.005	mg/L	13-JUL-06	HAS	R419575		
Manganese (Mn)	0.026	0.001	mg/L	13-JUL-06	HAS	R419575		
Dissolved Trace Metals								
Silver (Ag)	<0.0001	0.0001	mg/L	17-JUL-06	QLI	R420557		
Aluminum (Al)	0.01	0.01	mg/L	17-JUL-06	QLI	R420557		
Arsenic (As)	<0.0004	0.0004	mg/L	17-JUL-06	QLI	R420557		
Boron (B)	<0.05	0.05	mg/L	17-JUL-06	QLI	R420557		
Barium (Ba)	0.027	0.003	mg/L	17-JUL-06	QLI	R420557		
Beryllium (Be)	<0.001	0.001	mg/L	17-JUL-06	QLI	R420557		
Cadmium (Cd)	<0.0001	0.0001	mg/L	17-JUL-06	QLI	R420557		
Cobalt (Co)	<0.002	0.002	mg/L	17-JUL-06	QLI	R420557		
Chromium (Cr)	<0.005	0.005	mg/L	17-JUL-06	QLI	R420557		
Copper (Cu)	0.001	0.001	mg/L	17-JUL-06	QLI	R420557		
Mercury (Hg)	<0.0001	0.0001	mg/L	17-JUL-06	QLI	R420557		
Lithium (Li)	<0.003	0.003	mg/L	17-JUL-06	QLI	R420557		
Molybdenum (Mo)	<0.005	0.005	mg/L	17-JUL-06	QLI	R420557		
Nickel (Ni)	0.002	0.002	mg/L	17-JUL-06	QLI	R420557		
Lead (Pb)	<0.0001	0.0001	mg/L	17-JUL-06	QLI	R420557		
Antimony (Sb)	0.0006	0.0004	mg/L	17-JUL-06	QLI	R420557		
Selenium (Se)	<0.0004	0.0004	mg/L	17-JUL-06	QLI	R420557		
Tin (Sn)	<0.05	0.05	mg/L	17-JUL-06	QLI	R420557		
Titanium (Ti)	<0.001	0.001	mg/L	17-JUL-06	QLI	R420557		
Thallium (Tl)	0.0002	0.0001	mg/L	17-JUL-06	QLI	R420557		
Uranium (U)	<0.0001	0.0001	mg/L	17-JUL-06	QLI	R420557		
Vanadium (V)	0.002	0.001	mg/L	17-JUL-06	QLI	R420557		
Zinc (Zn)	0.006	0.002	mg/L	17-JUL-06	QLI	R420557		
Total Metals - CCME								
Total Major Metals								
Calcium (Ca)	20.5	0.5	mg/L	18-JUL-06	HAS	R421182		
Potassium (K)	2.1	0.1	mg/L	18-JUL-06	HAS	R421182		

ALS LABORATORY GROUP ANALYTICAL REPORT

L410524-3	200-4						
Sampled By:	NOT PROVIDED on 12-JUL-06						
Matrix:	WATER						
Total Metals - CCME							
Total Major Metals							
Magnesium (Mg)	3.7	0.1	mg/L	18-JUL-06	HAS	R421182	
Sodium (Na)	52	1	mg/L	18-JUL-06	HAS	R421182	
Iron (Fe)	0.039	0.005	mg/L	18-JUL-06	HAS	R421182	
Manganese (Mn)	0.030	0.001	mg/L	18-JUL-06	HAS	R421182	
Total Trace Metals							
Silver (Ag)	<0.0004	0.0004	mg/L	19-JUL-06	QLI	R421833	
Aluminum (Al)	0.03	0.01	mg/L	19-JUL-06	QLI	R421833	
Arsenic (As)	<0.0004	0.0004	mg/L	19-JUL-06	QLI	R421833	
Boron (B)	<0.05	0.05	mg/L	19-JUL-06	QLI	R421833	
Barium (Ba)	0.027	0.003	mg/L	19-JUL-06	QLI	R421833	
Beryllium (Be)	<0.001	0.001	mg/L	19-JUL-06	QLI	R421833	
Cadmium (Cd)	<0.0002	0.0002	mg/L	19-JUL-06	QLI	R421833	
Cobalt (Co)	<0.002	0.002	mg/L	19-JUL-06	QLI	R421833	
Chromium (Cr)	<0.005	0.005	mg/L	19-JUL-06	QLI	R421833	
Copper (Cu)	0.002	0.001	mg/L	19-JUL-06	QLI	R421833	
Mercury (Hg)	<0.0002	0.0002	mg/L	19-JUL-06	QLI	R421833	
Lithium (Li)	<0.01	0.01	mg/L	19-JUL-06	QLI	R421833	
Molybdenum (Mo)	<0.005	0.005	mg/L	19-JUL-06	QLI	R421833	
Nickel (Ni)	0.002	0.002	mg/L	19-JUL-06	QLI	R421833	
Lead (Pb)	<0.0001	0.0001	mg/L	19-JUL-06	QLI	R421833	
Antimony (Sb)	<0.0004	0.0004	mg/L	19-JUL-06	QLI	R421833	
Selenium (Se)	0.0034	0.0004	mg/L	19-JUL-06	QLI	R421833	
Tin (Sn)	<0.05	0.05	mg/L	19-JUL-06	QLI	R421833	
Titanium (Ti)	<0.001	0.001	mg/L	19-JUL-06	QLI	R421833	
Thallium (Tl)	0.0002	0.0001	mg/L	19-JUL-06	QLI	R421833	
Uranium (U)	<0.0001	0.0001	mg/L	19-JUL-06	QLI	R421833	
Vanadium (V)	0.002	0.001	mg/L	19-JUL-06	QLI	R421833	
Zinc (Zn)	0.010	0.004	mg/L	19-JUL-06	QLI	R421833	
Alkalinity, Total (as CaCO3)	6	5	mg/L	14-JUL-06	PTT	R419509	
Ammonia-N	0.94	0.05	mg/L	14-JUL-06	LDC	R419622	
Chloride (Cl)	99	1	mg/L	14-JUL-06	WYA	R419767	
Conductivity (EC)	447	0.2	uS/cm	14-JUL-06	PTT	R419509	
Nitrate-N	4.3	0.1	mg/L	17-JUL-06	SHC	R419815	
Nitrite-N	<0.05	0.05	mg/L	17-JUL-06	SHC	R419815	
Sulphate (SO4)	2.8	0.5	mg/L	17-JUL-06	JWU	R418352	
Total Suspended Solids	<3	3	mg/L	14-JUL-06	SVG	R419625	
pH	7.0	0.1	pH	14-JUL-06	PTT	R419509	
L410524-4	200-5						
Sampled By:	NOT PROVIDED on 12-JUL-06						
Matrix:	WATER						
Hardness							
Calcium (Ca)	2.5	0.5	mg/L	14-JUL-06	MLH	R419519	
Hardness (as CaCO3)	11		mg/L	17-JUL-06			
Magnesium (Mg)	1.1	0.1	mg/L	14-JUL-06	MLH	R419519	
Dissolved Metals - CCME							
Dissolved Major Metals							
Calcium (Ca)	1.9	0.5	mg/L	13-JUL-06	HAS	R419575	
Potassium (K)	0.3	0.1	mg/L	13-JUL-06	HAS	R419575	

ALS LABORATORY GROUP ANALYTICAL REPORT

L410524-4 200-5

Sampled By: NOT PROVIDED on 12-JUL-06

Matrix: WATER

Dissolved Metals - CCME**Dissolved Major Metals**

Magnesium (Mg)	0.89	0.01	mg/L	13-JUL-06	HAS	R419575
Sodium (Na)	1.0	0.5	mg/L	13-JUL-06	HAS	R419575
Iron (Fe)	0.011	0.005	mg/L	13-JUL-06	HAS	R419575
Manganese (Mn)	0.002	0.001	mg/L	13-JUL-06	HAS	R419575

Dissolved Trace Metals

Silver (Ag)	<0.0001	0.0001	mg/L	17-JUL-06	QLI	R420557
Aluminum (Al)	0.02	0.01	mg/L	17-JUL-06	QLI	R420557
Arsenic (As)	<0.0004	0.0004	mg/L	17-JUL-06	QLI	R420557
Boron (B)	<0.05	0.05	mg/L	17-JUL-06	QLI	R420557
Barium (Ba)	<0.003	0.003	mg/L	17-JUL-06	QLI	R420557
Beryllium (Be)	<0.001	0.001	mg/L	17-JUL-06	QLI	R420557
Cadmium (Cd)	<0.0001	0.0001	mg/L	17-JUL-06	QLI	R420557
Cobalt (Co)	<0.002	0.002	mg/L	17-JUL-06	QLI	R420557
Chromium (Cr)	<0.005	0.005	mg/L	17-JUL-06	QLI	R420557
Copper (Cu)	0.002	0.001	mg/L	17-JUL-06	QLI	R420557
Mercury (Hg)	<0.0001	0.0001	mg/L	17-JUL-06	QLI	R420557
Lithium (Li)	<0.003	0.003	mg/L	17-JUL-06	QLI	R420557
Molybdenum (Mo)	<0.005	0.005	mg/L	17-JUL-06	QLI	R420557
Nickel (Ni)	<0.002	0.002	mg/L	17-JUL-06	QLI	R420557
Lead (Pb)	<0.0001	0.0001	mg/L	17-JUL-06	QLI	R420557
Antimony (Sb)	0.0006	0.0004	mg/L	17-JUL-06	QLI	R420557
Selenium (Se)	<0.0004	0.0004	mg/L	17-JUL-06	QLI	R420557
Tin (Sn)	<0.05	0.05	mg/L	17-JUL-06	QLI	R420557
Titanium (Ti)	<0.001	0.001	mg/L	17-JUL-06	QLI	R420557
Thallium (Tl)	0.0001	0.0001	mg/L	17-JUL-06	QLI	R420557
Uranium (U)	<0.0001	0.0001	mg/L	17-JUL-06	QLI	R420557
Vanadium (V)	<0.001	0.001	mg/L	17-JUL-06	QLI	R420557
Zinc (Zn)	0.003	0.002	mg/L	17-JUL-06	QLI	R420557

Total Metals - CCME**Total Major Metals**

Calcium (Ca)	2.2	0.5	mg/L	18-JUL-06	HAS	R421182
Potassium (K)	0.4	0.1	mg/L	18-JUL-06	HAS	R421182
Magnesium (Mg)	1.0	0.1	mg/L	18-JUL-06	HAS	R421182
Sodium (Na)	1	1	mg/L	18-JUL-06	HAS	R421182
Iron (Fe)	0.010	0.005	mg/L	18-JUL-06	HAS	R421182
Manganese (Mn)	0.002	0.001	mg/L	18-JUL-06	HAS	R421182

Total Trace Metals

Silver (Ag)	<0.0004	0.0004	mg/L	17-JUL-06	QLI	R420556
Aluminum (Al)	0.02	0.01	mg/L	17-JUL-06	QLI	R420556
Arsenic (As)	<0.0004	0.0004	mg/L	17-JUL-06	QLI	R420556
Boron (B)	<0.05	0.05	mg/L	17-JUL-06	QLI	R420556
Barium (Ba)	<0.003	0.003	mg/L	17-JUL-06	QLI	R420556
Beryllium (Be)	<0.001	0.001	mg/L	17-JUL-06	QLI	R420556
Cadmium (Cd)	<0.0002	0.0002	mg/L	17-JUL-06	QLI	R420556
Cobalt (Co)	<0.002	0.002	mg/L	17-JUL-06	QLI	R420556
Chromium (Cr)	<0.005	0.005	mg/L	17-JUL-06	QLI	R420556
Copper (Cu)	0.002	0.001	mg/L	17-JUL-06	QLI	R420556
Mercury (Hg)	<0.0002	0.0002	mg/L	17-JUL-06	QLI	R420556
Lithium (Li)	<0.01	0.01	mg/L	17-JUL-06	QLI	R420556
Molybdenum (Mo)	<0.005	0.005	mg/L	17-JUL-06	QLI	R420556
Nickel (Ni)	<0.002	0.002	mg/L	17-JUL-06	QLI	R420556

ALS LABORATORY GROUP ANALYTICAL REPORT

L410524-4 200-5
 Sampled By: NOT PROVIDED on 12-JUL-06
 Matrix: WATER

Total Metals - CCME**Total Trace Metals**

Lead (Pb)	<0.0001	0.0001	mg/L	17-JUL-06	QLI	R420556
Antimony (Sb)	<0.0004	0.0004	mg/L	17-JUL-06	QLI	R420556
Selenium (Se)	<0.0004	0.0004	mg/L	17-JUL-06	QLI	R420556
Tin (Sn)	<0.05	0.05	mg/L	17-JUL-06	QLI	R420556
Titanium (Ti)	<0.001	0.001	mg/L	17-JUL-06	QLI	R420556
Thallium (Tl)	<0.0001	0.0001	mg/L	17-JUL-06	QLI	R420556
Uranium (U)	<0.0001	0.0001	mg/L	17-JUL-06	QLI	R420556
Vanadium (V)	<0.001	0.001	mg/L	17-JUL-06	QLI	R420556
Zinc (Zn)	0.005	0.004	mg/L	17-JUL-06	QLI	R420556

Alkalinity, Total (as CaCO3)	<5	5	mg/L	14-JUL-06	PTT	R419509
Ammonia-N	<0.05	0.05	mg/L	14-JUL-06	LDC	R419622
Chloride (Cl)	3	1	mg/L	14-JUL-06	WYA	R419767
Conductivity (EC)	30.6	0.2	uS/cm	14-JUL-06	PTT	R419509
Nitrate-N	<0.1	0.1	mg/L	17-JUL-06	SHC	R419815
Nitrite-N	<0.05	0.05	mg/L	17-JUL-06	SHC	R419815
Sulphate (SO4)	<0.5	0.5	mg/L	17-JUL-06	JWU	R418352
Total Suspended Solids	<3	3	mg/L	14-JUL-06	SVG	R419625
pH	6.9	0.1	pH	14-JUL-06	PTT	R419509

L410524-5 200-5A
 Sampled By: NOT PROVIDED on 12-JUL-06
 Matrix: WATER

Hardness

Calcium (Ca)	20.0	0.5	mg/L	14-JUL-06	MLH	R419519
Hardness (as CaCO3)	70		mg/L	17-JUL-06		
Magnesium (Mg)	4.9	0.1	mg/L	14-JUL-06	MLH	R419519

Dissolved Metals - CCME**Dissolved Major Metals**

Calcium (Ca)	17.6	0.5	mg/L	13-JUL-06	HAS	R419575
Potassium (K)	1.7	0.1	mg/L	13-JUL-06	HAS	R419575
Magnesium (Mg)	4.17	0.01	mg/L	13-JUL-06	HAS	R419575
Sodium (Na)	39.9	0.5	mg/L	13-JUL-06	HAS	R419575
Iron (Fe)	0.011	0.005	mg/L	13-JUL-06	HAS	R419575
Manganese (Mn)	0.025	0.001	mg/L	13-JUL-06	HAS	R419575

Dissolved Trace Metals

Silver (Ag)	<0.0001	0.0001	mg/L	17-JUL-06	QLI	R420557
Aluminum (Al)	0.10	0.01	mg/L	13-JUL-06	HAS	R419575
Arsenic (As)	0.0007	0.0004	mg/L	17-JUL-06	QLI	R420557
Boron (B)	<0.05	0.05	mg/L	17-JUL-06	QLI	R420557
Barium (Ba)	0.059	0.003	mg/L	17-JUL-06	QLI	R420557
Beryllium (Be)	<0.001	0.001	mg/L	17-JUL-06	QLI	R420557
Cadmium (Cd)	0.0003	0.0001	mg/L	17-JUL-06	QLI	R420557
Cobalt (Co)	<0.002	0.002	mg/L	17-JUL-06	QLI	R420557
Chromium (Cr)	<0.005	0.005	mg/L	17-JUL-06	QLI	R420557
Copper (Cu)	0.001	0.001	mg/L	17-JUL-06	QLI	R420557
Mercury (Hg)	<0.0001	0.0001	mg/L	17-JUL-06	QLI	R420557
Lithium (Li)	<0.003	0.003	mg/L	17-JUL-06	QLI	R420557
Molybdenum (Mo)	<0.005	0.005	mg/L	17-JUL-06	QLI	R420557
Nickel (Ni)	0.004	0.002	mg/L	17-JUL-06	QLI	R420557

ALS LABORATORY GROUP ANALYTICAL REPORT

L410524-5	200-5A						
Sampled By:	NOT PROVIDED on 12-JUL-06						
Matrix:	WATER						
Dissolved Metals - CCME							
Dissolved Trace Metals							
Lead (Pb)	<0.0001	0.0001	mg/L	17-JUL-06	QLI	R420557	
Antimony (Sb)	0.0007	0.0004	mg/L	17-JUL-06	QLI	R420557	
Selenium (Se)	<0.0004	0.0004	mg/L	17-JUL-06	QLI	R420557	
Tin (Sn)	<0.05	0.05	mg/L	17-JUL-06	QLI	R420557	
Titanium (Ti)	<0.001	0.001	mg/L	17-JUL-06	QLI	R420557	
Thallium (Tl)	0.0001	0.0001	mg/L	17-JUL-06	QLI	R420557	
Uranium (U)	0.0002	0.0001	mg/L	17-JUL-06	QLI	R420557	
Vanadium (V)	0.002	0.001	mg/L	17-JUL-06	QLI	R420557	
Zinc (Zn)	0.019	0.002	mg/L	17-JUL-06	QLI	R420557	
Total Metals - CCME							
Total Major Metals							
Calcium (Ca)	18.7	0.5	mg/L	18-JUL-06	HAS	R421182	
Potassium (K)	1.7	0.1	mg/L	18-JUL-06	HAS	R421182	
Magnesium (Mg)	4.4	0.1	mg/L	18-JUL-06	HAS	R421182	
Sodium (Na)	43	1	mg/L	18-JUL-06	HAS	R421182	
Iron (Fe)	0.017	0.005	mg/L	18-JUL-06	HAS	R421182	
Manganese (Mn)	0.028	0.001	mg/L	18-JUL-06	HAS	R421182	
Total Trace Metals							
Silver (Ag)	<0.0004	0.0004	mg/L	19-JUL-06	QLI	R421833	
Aluminum (Al)	0.12	0.01	mg/L	13-JUL-06	HAS	R421182	
Arsenic (As)	<0.0004	0.0004	mg/L	19-JUL-06	QLI	R421833	
Boron (B)	<0.05	0.05	mg/L	19-JUL-06	QLI	R421833	
Barium (Ba)	0.057	0.003	mg/L	19-JUL-06	QLI	R421833	
Beryllium (Be)	<0.001	0.001	mg/L	19-JUL-06	QLI	R421833	
Cadmium (Cd)	0.0002	0.0002	mg/L	19-JUL-06	QLI	R421833	
Cobalt (Co)	<0.002	0.002	mg/L	19-JUL-06	QLI	R421833	
Chromium (Cr)	<0.005	0.005	mg/L	19-JUL-06	QLI	R421833	
Copper (Cu)	0.001	0.001	mg/L	19-JUL-06	QLI	R421833	
Mercury (Hg)	<0.0002	0.0002	mg/L	19-JUL-06	QLI	R421833	
Lithium (Li)	<0.01	0.01	mg/L	19-JUL-06	QLI	R421833	
Molybdenum (Mo)	<0.005	0.005	mg/L	19-JUL-06	QLI	R421833	
Nickel (Ni)	0.004	0.002	mg/L	19-JUL-06	QLI	R421833	
Lead (Pb)	<0.0001	0.0001	mg/L	19-JUL-06	QLI	R421833	
Antimony (Sb)	<0.0004	0.0004	mg/L	19-JUL-06	QLI	R421833	
Selenium (Se)	0.0035	0.0004	mg/L	19-JUL-06	QLI	R421833	
Tin (Sn)	<0.05	0.05	mg/L	19-JUL-06	QLI	R421833	
Titanium (Ti)	<0.001	0.001	mg/L	19-JUL-06	QLI	R421833	
Thallium (Tl)	0.0003	0.0001	mg/L	19-JUL-06	QLI	R421833	
Uranium (U)	0.0002	0.0001	mg/L	19-JUL-06	QLI	R421833	
Vanadium (V)	0.003	0.001	mg/L	19-JUL-06	QLI	R421833	
Zinc (Zn)	0.015	0.004	mg/L	19-JUL-06	QLI	R421833	
Alkalinity, Total (as CaCO3)							
Alkalinity, Total (as CaCO3)	<5	5	mg/L	14-JUL-06	PTT	R419509	
Ammonia-N	0.08	0.05	mg/L	14-JUL-06	LDC	R419622	
Chloride (Cl)	91	1	mg/L	14-JUL-06	WYA	R419767	
Conductivity (EC)	400	0.2	uS/cm	14-JUL-06	PTT	R419509	
Nitrate-N	4.2	0.1	mg/L	17-JUL-06	SHC	R419815	
Nitrite-N	<0.05	0.05	mg/L	17-JUL-06	SHC	R419815	
Sulphate (SO4)	2.5	0.5	mg/L	17-JUL-06	JWU	R418352	
Total Suspended Solids	<3	3	mg/L	14-JUL-06	SVG	R419625	

ALS LABORATORY GROUP ANALYTICAL REPORT

L410524-5	200-5A								
Sampled By:	NOT PROVIDED on 12-JUL-06								
Matrix:	WATER								
pH	6.5	0.1	pH	14-JUL-06	PTT	R419509			
* 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		

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

WOLFEN RESOURCES INC.

ATTN: DAVE STEVENSON

Reported On: 01-AUG-06 06:34 PM

401 - 1113 JADE COURT

THUNDER BAY ON P7B 6M7

Project P.O. #:

Job Reference:

Legal Site Desc:

CofC Numbers: 260922

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

L413573-1	200-2							
Sampled By:	DBS on 19-JUL-06 @ 10:00							
Matrix:	WATER							
Hardness								
Calcium (Ca)	4.4	0.5	mg/L	24-JUL-06	EOC	R422834		
Hardness (as CaCO ₃)	15		mg/L	25-JUL-06				
Magnesium (Mg)	0.9	0.1	mg/L	24-JUL-06	EOC	R422834		
Dissolved Metals - CCME								
Dissolved Major Metals								
Calcium (Ca)	3.8	0.5	mg/L	28-JUL-06	DDN	R424412		
Potassium (K)	0.6	0.1	mg/L	28-JUL-06	DDN	R424412		
Magnesium (Mg)	0.74	0.01	mg/L	28-JUL-06	DDN	R424412		
Sodium (Na)	15.4	0.5	mg/L	28-JUL-06	DDN	R424412		
Iron (Fe)	<0.005	0.005	mg/L	28-JUL-06	DDN	R424412		
Manganese (Mn)	0.015	0.001	mg/L	28-JUL-06	DDN	R424412		
Dissolved Trace Metals								
Silver (Ag)	<0.0001	0.0001	mg/L	24-JUL-06	QLI	R423035		
Aluminum (Al)	0.04	0.01	mg/L	24-JUL-06	QLI	R423035		
Arsenic (As)	0.0010	0.0004	mg/L	24-JUL-06	QLI	R423035		
Boron (B)	<0.05	0.05	mg/L	24-JUL-06	QLI	R423035		
Barium (Ba)	<0.003	0.003	mg/L	24-JUL-06	QLI	R423035		
Beryllium (Be)	<0.001	0.001	mg/L	24-JUL-06	QLI	R423035		
Cadmium (Cd)	0.0002	0.0001	mg/L	24-JUL-06	QLI	R423035		
Cobalt (Co)	<0.002	0.002	mg/L	24-JUL-06	QLI	R423035		
Chromium (Cr)	<0.005	0.005	mg/L	24-JUL-06	QLI	R423035		
Copper (Cu)	0.003	0.001	mg/L	24-JUL-06	QLI	R423035		
Mercury (Hg)	<0.0001	0.0001	mg/L	24-JUL-06	QLI	R423035		
Lithium (Li)	<0.003	0.003	mg/L	24-JUL-06	QLI	R423035		
Molybdenum (Mo)	<0.005	0.005	mg/L	24-JUL-06	QLI	R423035		
Nickel (Ni)	<0.002	0.002	mg/L	24-JUL-06	QLI	R423035		
Lead (Pb)	0.0003	0.0001	mg/L	24-JUL-06	QLI	R423035		
Antimony (Sb)	0.0009	0.0004	mg/L	24-JUL-06	QLI	R423035		
Selenium (Se)	<0.0004	0.0004	mg/L	24-JUL-06	QLI	R423035		
Tin (Sn)	<0.05	0.05	mg/L	24-JUL-06	QLI	R423035		
Titanium (Ti)	0.001	0.001	mg/L	24-JUL-06	QLI	R423035		
Thallium (Tl)	<0.0001	0.0001	mg/L	24-JUL-06	QLI	R423035		
Uranium (U)	<0.0001	0.0001	mg/L	24-JUL-06	QLI	R423035		
Vanadium (V)	<0.001	0.001	mg/L	24-JUL-06	QLI	R423035		
Zinc (Zn)	0.039	0.002	mg/L	24-JUL-06	QLI	R423035		
Total Metals - CCME								
Total Major Metals								
Calcium (Ca)	3.8	0.5	mg/L	24-JUL-06	SYF	R423026		
Potassium (K)	0.6	0.1	mg/L	24-JUL-06	SYF	R423026		
Magnesium (Mg)	1.0	0.1	mg/L	24-JUL-06	SYF	R423026		
Sodium (Na)	16	1	mg/L	24-JUL-06	SYF	R423026		
Iron (Fe)	0.907	0.005	mg/L	24-JUL-06	SYF	R423026		
Manganese (Mn)	0.023	0.001	mg/L	24-JUL-06	SYF	R423026		
Total Trace Metals								
Silver (Ag)	<0.0004	0.0004	mg/L	24-JUL-06	QLI	R423033		
Aluminum (Al)	0.51	0.01	mg/L	24-JUL-06	QLI	R423033		
Arsenic (As)	0.0031	0.0004	mg/L	24-JUL-06	QLI	R423033		
Boron (B)	<0.05	0.05	mg/L	24-JUL-06	QLI	R423033		
Barium (Ba)	0.006	0.003	mg/L	24-JUL-06	QLI	R423033		
Beryllium (Be)	<0.001	0.001	mg/L	24-JUL-06	QLI	R423033		
Cadmium (Cd)	0.0002	0.0002	mg/L	24-JUL-06	QLI	R423033		
Cobalt (Co)	<0.002	0.002	mg/L	24-JUL-06	QLI	R423033		

ALS LABORATORY GROUP ANALYTICAL REPORT

L413573-1 200-2 Sampled By: DBS on 19-JUL-06 @ 10:00 Matrix: WATER Total Metals - CCME Total Trace Metals							
Chromium (Cr)	<0.005	0.005	mg/L	24-JUL-06	QLI	R423033	
Copper (Cu)	0.016	0.001	mg/L	24-JUL-06	QLI	R423033	
Mercury (Hg)	<0.0002	0.0002	mg/L	24-JUL-06	QLI	R423033	
Lithium (Li)	<0.01	0.01	mg/L	24-JUL-06	QLI	R423033	
Molybdenum (Mo)	<0.005	0.005	mg/L	24-JUL-06	QLI	R423033	
Nickel (Ni)	<0.002	0.002	mg/L	24-JUL-06	QLI	R423033	
Lead (Pb)	0.0030	0.0001	mg/L	24-JUL-06	QLI	R423033	
Antimony (Sb)	0.0010	0.0004	mg/L	24-JUL-06	QLI	R423033	
Selenium (Se)	0.0008	0.0004	mg/L	24-JUL-06	QLI	R423033	
Tin (Sn)	<0.05	0.05	mg/L	24-JUL-06	QLI	R423033	
Titanium (Ti)	0.038	0.001	mg/L	24-JUL-06	QLI	R423033	
Thallium (Tl)	0.0002	0.0001	mg/L	24-JUL-06	QLI	R423033	
Uranium (U)	0.0002	0.0001	mg/L	24-JUL-06	QLI	R423033	
Vanadium (V)	0.002	0.001	mg/L	24-JUL-06	QLI	R423033	
Zinc (Zn)	0.046	0.004	mg/L	24-JUL-06	QLI	R423033	
Alkalinity, Total (as CaCO ₃)	<5	5	mg/L	24-JUL-06	PTT	R422809	
Ammonia-N	2.37	0.05	mg/L	25-JUL-06	LDC	R423262	
Chloride (Cl)	27	1	mg/L	24-JUL-06	WYA	R422947	
Conductivity (EC)	142	0.2	uS/cm	24-JUL-06	PTT	R422809	
Nitrate-N	2.4	0.1	mg/L	24-JUL-06	SHC	R423242	
Nitrite-N	0.39	0.05	mg/L	24-JUL-06	SHC	R423242	
Sulphate (SO ₄)	252	0.5	mg/L	25-JUL-06	JTV	R424289	
Total Suspended Solids	9	3	mg/L	25-JUL-06	SVG	R423328	
pH	6.8	0.1	pH	24-JUL-06	PTT	R422809	
L413573-2 200-3 Sampled By: DBS on 19-JUL-06 @ 09:00 Matrix: WATER Hardness							
Calcium (Ca)	105	0.5	mg/L	24-JUL-06	EOC	R422834	
Hardness (as CaCO ₃)	340		mg/L	25-JUL-06			
Magnesium (Mg)	18.8	0.1	mg/L	24-JUL-06	EOC	R422834	
Dissolved Metals - CCME Dissolved Major Metals							
Calcium (Ca)	101	0.5	mg/L	28-JUL-06	DDN	R424412	
Potassium (K)	14.4	0.1	mg/L	28-JUL-06	DDN	R424412	
Magnesium (Mg)	16.8	0.01	mg/L	28-JUL-06	DDN	R424412	
Sodium (Na)	430	0.5	mg/L	28-JUL-06	DDN	R424412	
Iron (Fe)	<0.005	0.005	mg/L	28-JUL-06	DDN	R424412	
Manganese (Mn)	0.557	0.001	mg/L	28-JUL-06	DDN	R424412	
Dissolved Trace Metals							
Silver (Ag)	<0.0001	0.0001	mg/L	24-JUL-06	QLI	R423035	
Aluminum (Al)	0.03	0.01	mg/L	24-JUL-06	QLI	R423035	
Arsenic (As)	0.0012	0.0004	mg/L	24-JUL-06	QLI	R423035	
Boron (B)	0.06	0.05	mg/L	24-JUL-06	QLI	R423035	
Barium (Ba)	0.104	0.003	mg/L	24-JUL-06	QLI	R423035	
Beryllium (Be)	<0.001	0.001	mg/L	24-JUL-06	QLI	R423035	
Cadmium (Cd)	0.0008	0.0001	mg/L	24-JUL-06	QLI	R423035	
Cobalt (Co)	0.003	0.002	mg/L	24-JUL-06	QLI	R423035	

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L413573-2 200-3

Sampled By: DBS on 19-JUL-06 @ 09:00

Matrix: WATER

Dissolved Metals - CCME**Dissolved Trace Metals**

Chromium (Cr)	<0.005	0.005	mg/L	24-JUL-06	QLI	R423035
Copper (Cu)	0.005	0.001	mg/L	24-JUL-06	QLI	R423035
Mercury (Hg)	<0.0001	0.0001	mg/L	24-JUL-06	QLI	R423035
Lithium (Li)	0.006	0.003	mg/L	24-JUL-06	QLI	R423035
Molybdenum (Mo)	<0.005	0.005	mg/L	24-JUL-06	QLI	R423035
Nickel (Ni)	0.014	0.002	mg/L	24-JUL-06	QLI	R423035
Lead (Pb)	0.0001	0.0001	mg/L	24-JUL-06	QLI	R423035
Antimony (Sb)	0.0014	0.0004	mg/L	24-JUL-06	QLI	R423035
Selenium (Se)	0.0194	0.0004	mg/L	24-JUL-06	QLI	R423035
Tin (Sn)	<0.05	0.05	mg/L	24-JUL-06	QLI	R423035
Titanium (Ti)	0.001	0.001	mg/L	24-JUL-06	QLI	R423035
Thallium (Tl)	0.0001	0.0001	mg/L	24-JUL-06	QLI	R423035
Uranium (U)	0.0010	0.0001	mg/L	24-JUL-06	QLI	R423035
Vanadium (V)	0.007	0.001	mg/L	24-JUL-06	QLI	R423035
Zinc (Zn)	0.014	0.002	mg/L	24-JUL-06	QLI	R423035

RRV

Total Metals - CCME**Total Major Metals**

Calcium (Ca)	98.8	0.5	mg/L	24-JUL-06	SYF	R423026
Potassium (K)	14.2	0.1	mg/L	24-JUL-06	SYF	R423026
Magnesium (Mg)	16.3	0.1	mg/L	24-JUL-06	SYF	R423026
Sodium (Na)	446	1	mg/L	24-JUL-06	SYF	R423026
Iron (Fe)	0.177	0.005	mg/L	24-JUL-06	SYF	R423026
Manganese (Mn)	0.545	0.001	mg/L	24-JUL-06	SYF	R423026

Total Trace Metals

Silver (Ag)	<0.0004	0.0004	mg/L	24-JUL-06	QLI	R423033
Aluminum (Al)	0.08	0.01	mg/L	24-JUL-06	QLI	R423033
Arsenic (As)	0.0018	0.0004	mg/L	24-JUL-06	QLI	R423033
Boron (B)	0.06	0.05	mg/L	24-JUL-06	QLI	R423033
Barium (Ba)	0.112	0.003	mg/L	24-JUL-06	QLI	R423033
Beryllium (Be)	<0.001	0.001	mg/L	24-JUL-06	QLI	R423033
Cadmium (Cd)	0.0008	0.0002	mg/L	24-JUL-06	QLI	R423033
Cobalt (Co)	0.003	0.002	mg/L	24-JUL-06	QLI	R423033
Chromium (Cr)	<0.005	0.005	mg/L	24-JUL-06	QLI	R423033
Copper (Cu)	0.006	0.001	mg/L	24-JUL-06	QLI	R423033
Mercury (Hg)	<0.0002	0.0002	mg/L	24-JUL-06	QLI	R423033
Lithium (Li)	<0.01	0.01	mg/L	24-JUL-06	QLI	R423033
Molybdenum (Mo)	<0.005	0.005	mg/L	24-JUL-06	QLI	R423033
Nickel (Ni)	0.008	0.002	mg/L	24-JUL-06	QLI	R423033
Lead (Pb)	0.0003	0.0001	mg/L	24-JUL-06	QLI	R423033
Antimony (Sb)	0.0013	0.0004	mg/L	24-JUL-06	QLI	R423033
Selenium (Se)	0.0157	0.0004	mg/L	24-JUL-06	QLI	R423033
Tin (Sn)	<0.05	0.05	mg/L	24-JUL-06	QLI	R423033
Titanium (Ti)	0.006	0.001	mg/L	24-JUL-06	QLI	R423033
Thallium (Tl)	0.0006	0.0001	mg/L	24-JUL-06	QLI	R423033
Uranium (U)	0.0009	0.0001	mg/L	24-JUL-06	QLI	R423033
Vanadium (V)	0.006	0.001	mg/L	24-JUL-06	QLI	R423033
Zinc (Zn)	0.016	0.004	mg/L	24-JUL-06	QLI	R423033

Alkalinity, Total (as CaCO3)

50

5

mg/L

24-JUL-06

PTT

R422809

Ammonia-N

40.9

0.05

mg/L

25-JUL-06

LDC

R423262

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L413573-2	200-3								
Sampled By:	DBS on 19-JUL-06 @ 09:00								
Matrix:	WATER								
Chloride (Cl)	796	1	mg/L	24-JUL-06	WYA	R422947			
Conductivity (EC)	3120	0.2	uS/cm	24-JUL-06	PTT	R422809			
Nitrate-N	43.2	0.1	mg/L	24-JUL-06	SHC	R423242			
Nitrite-N	2.81	0.05	mg/L	24-JUL-06	SHC	R423242			
Sulphate (SO4)	6.9	0.5	mg/L	25-JUL-06	JTV	R424289			
Total Suspended Solids	<3	3	mg/L	25-JUL-06	SVG	R423328			
pH	7.6	0.1	pH	24-JUL-06	PTT	R422809			
L413573-3	200-4								
Sampled By:	DBS on 19-JUL-06 @ 09:15								
Matrix:	WATER								
Hardness									
Calcium (Ca)	22.3	0.5	mg/L	24-JUL-06	EOC	R422834			
Hardness (as CaCO3)	74		mg/L	25-JUL-06					
Magnesium (Mg)	4.4	0.1	mg/L	24-JUL-06	EOC	R422834			
Dissolved Metals - CCME									
Dissolved Major Metals									
Calcium (Ca)	21.9	0.5	mg/L	28-JUL-06	DDN	R424412			
Potassium (K)	2.4	0.1	mg/L	28-JUL-06	DDN	R424412			
Magnesium (Mg)	3.98	0.01	mg/L	28-JUL-06	DDN	R424412			
Sodium (Na)	57.2	0.5	mg/L	28-JUL-06	DDN	R424412			
Iron (Fe)	0.008	0.005	mg/L	28-JUL-06	DDN	R424412			
Manganese (Mn)	0.042	0.001	mg/L	28-JUL-06	DDN	R424412			
Dissolved Trace Metals									
Silver (Ag)	<0.0001	0.0001	mg/L	24-JUL-06	QLI	R423035			
Aluminum (Al)	0.01	0.01	mg/L	24-JUL-06	QLI	R423035			
Arsenic (As)	<0.0004	0.0004	mg/L	24-JUL-06	QLI	R423035			
Boron (B)	<0.05	0.05	mg/L	24-JUL-06	QLI	R423035			
Barium (Ba)	0.031	0.003	mg/L	24-JUL-06	QLI	R423035			
Beryllium (Be)	<0.001	0.001	mg/L	24-JUL-06	QLI	R423035			
Cadmium (Cd)	<0.0001	0.0001	mg/L	24-JUL-06	QLI	R423035			
Cobalt (Co)	<0.002	0.002	mg/L	24-JUL-06	QLI	R423035			
Chromium (Cr)	<0.005	0.005	mg/L	24-JUL-06	QLI	R423035			
Copper (Cu)	0.002	0.001	mg/L	24-JUL-06	QLI	R423035			
Mercury (Hg)	<0.0001	0.0001	mg/L	24-JUL-06	QLI	R423035			
Lithium (Li)	<0.003	0.003	mg/L	24-JUL-06	QLI	R423035			
Molybdenum (Mo)	<0.005	0.005	mg/L	24-JUL-06	QLI	R423035			
Nickel (Ni)	0.003	0.002	mg/L	24-JUL-06	QLI	R423035			
Lead (Pb)	<0.0001	0.0001	mg/L	24-JUL-06	QLI	R423035			
Antimony (Sb)	0.0010	0.0004	mg/L	24-JUL-06	QLI	R423035			
Selenium (Se)	<0.0004	0.0004	mg/L	24-JUL-06	QLI	R423035			
Tin (Sn)	<0.05	0.05	mg/L	24-JUL-06	QLI	R423035			
Titanium (Ti)	<0.001	0.001	mg/L	24-JUL-06	QLI	R423035			
Thallium (Tl)	<0.0001	0.0001	mg/L	24-JUL-06	QLI	R423035			
Uranium (U)	<0.0001	0.0001	mg/L	24-JUL-06	QLI	R423035			
Vanadium (V)	0.002	0.001	mg/L	24-JUL-06	QLI	R423035			
Zinc (Zn)	0.010	0.002	mg/L	24-JUL-06	QLI	R423035			
Total Metals - CCME									
Total Major Metals									
Calcium (Ca)	21.2	0.5	mg/L	24-JUL-06	SYF	R423026			
Potassium (K)	2.3	0.1	mg/L	24-JUL-06	SYF	R423026			

ALS LABORATORY GROUP ANALYTICAL REPORT

L413573-3 200-4

Sampled By: DBS on 19-JUL-06 @ 09:15

Matrix: WATER

Total Metals - CCME**Total Major Metals**

Magnesium (Mg)	3.9	0.1	mg/L	24-JUL-06	SYF	R423026
Sodium (Na)	57	1	mg/L	24-JUL-06	SYF	R423026
Iron (Fe)	0.064	0.005	mg/L	24-JUL-06	SYF	R423026
Manganese (Mn)	0.053	0.001	mg/L	24-JUL-06	SYF	R423026

Total Trace Metals

Silver (Ag)	<0.0004	0.0004	mg/L	24-JUL-06	QLI	R423033
Aluminum (Al)	0.04	0.01	mg/L	24-JUL-06	QLI	R423033
Arsenic (As)	<0.0004	0.0004	mg/L	24-JUL-06	QLI	R423033
Boron (B)	<0.05	0.05	mg/L	24-JUL-06	QLI	R423033
Barium (Ba)	0.034	0.003	mg/L	24-JUL-06	QLI	R423033
Beryllium (Be)	<0.001	0.001	mg/L	24-JUL-06	QLI	R423033
Cadmium (Cd)	<0.0002	0.0002	mg/L	24-JUL-06	QLI	R423033
Cobalt (Co)	<0.002	0.002	mg/L	24-JUL-06	QLI	R423033
Chromium (Cr)	<0.005	0.005	mg/L	24-JUL-06	QLI	R423033
Copper (Cu)	0.002	0.001	mg/L	24-JUL-06	QLI	R423033
Mercury (Hg)	<0.0002	0.0002	mg/L	24-JUL-06	QLI	R423033
Lithium (Li)	<0.01	0.01	mg/L	24-JUL-06	QLI	R423033
Molybdenum (Mo)	<0.005	0.005	mg/L	24-JUL-06	QLI	R423033
Nickel (Ni)	0.003	0.002	mg/L	24-JUL-06	QLI	R423033
Lead (Pb)	<0.0001	0.0001	mg/L	24-JUL-06	QLI	R423033
Antimony (Sb)	0.0009	0.0004	mg/L	24-JUL-06	QLI	R423033
Selenium (Se)	0.0036	0.0004	mg/L	24-JUL-06	QLI	R423033
Tin (Sn)	<0.05	0.05	mg/L	24-JUL-06	QLI	R423033
Titanium (Ti)	<0.001	0.001	mg/L	24-JUL-06	QLI	R423033
Thallium (Tl)	0.0008	0.0001	mg/L	24-JUL-06	QLI	R423033
Uranium (U)	<0.0001	0.0001	mg/L	24-JUL-06	QLI	R423033
Vanadium (V)	0.002	0.001	mg/L	24-JUL-06	QLI	R423033
Zinc (Zn)	0.013	0.004	mg/L	24-JUL-06	QLI	R423033

Alkalinity, Total (as CaCO ₃)	5	5	mg/L	24-JUL-06	PTT	R422809
Ammonia-N	0.75	0.05	mg/L	25-JUL-06	LDC	R423262
Chloride (Cl)	106	1	mg/L	24-JUL-06	WYA	R422947
Conductivity (EC)	498	0.2	uS/cm	24-JUL-06	PTT	R422809
Nitrate-N	4.4	0.1	mg/L	24-JUL-06	SHC	R423242
Nitrite-N	<0.05	0.05	mg/L	24-JUL-06	SHC	R423242
Sulphate (SO ₄)	54.4	0.5	mg/L	25-JUL-06	JTV	R424289
Total Suspended Solids	<3	3	mg/L	25-JUL-06	SVG	R423328
pH	6.9	0.1	pH	24-JUL-06	PTT	R422809

L413573-4 200-5

Sampled By: DBS on 19-JUL-06 @ 09:30

Matrix: WATER

Hardness

Calcium (Ca)	2.3	0.5	mg/L	24-JUL-06	EOC	R422834
Hardness (as CaCO ₃)	10		mg/L	25-JUL-06		
Magnesium (Mg)	1.1	0.1	mg/L	24-JUL-06	EOC	R422834

Dissolved Metals - CCME**Dissolved Major Metals**

Calcium (Ca)	2.4	0.5	mg/L	28-JUL-06	DDN	R424412
Potassium (K)	0.5	0.1	mg/L	28-JUL-06	DDN	R424412

ALS LABORATORY GROUP ANALYTICAL REPORT

L413573-4 200-5

Sampled By: DBS on 19-JUL-06 @ 09:30

Matrix: WATER

Dissolved Metals - CCME**Dissolved Major Metals**

Magnesium (Mg)	1.06	0.01	mg/L	28-JUL-06	DDN	R424412
Sodium (Na)	1.4	0.5	mg/L	28-JUL-06	DDN	R424412
Iron (Fe)	<0.005	0.005	mg/L	28-JUL-06	DDN	R424412
Manganese (Mn)	0.001	0.001	mg/L	28-JUL-06	DDN	R424412

Dissolved Trace Metals

Silver (Ag)	<0.0001	0.0001	mg/L	24-JUL-06	QLI	R423035
Aluminum (Al)	0.02	0.01	mg/L	24-JUL-06	QLI	R423035
Arsenic (As)	<0.0004	0.0004	mg/L	24-JUL-06	QLI	R423035
Boron (B)	<0.05	0.05	mg/L	24-JUL-06	QLI	R423035
Barium (Ba)	<0.003	0.003	mg/L	24-JUL-06	QLI	R423035
Beryllium (Be)	<0.001	0.001	mg/L	24-JUL-06	QLI	R423035
Cadmium (Cd)	<0.0001	0.0001	mg/L	24-JUL-06	QLI	R423035
Cobalt (Co)	<0.002	0.002	mg/L	24-JUL-06	QLI	R423035
Chromium (Cr)	<0.005	0.005	mg/L	24-JUL-06	QLI	R423035
Copper (Cu)	0.002	0.001	mg/L	24-JUL-06	QLI	R423035
Mercury (Hg)	<0.0001	0.0001	mg/L	24-JUL-06	QLI	R423035
Lithium (Li)	<0.003	0.003	mg/L	24-JUL-06	QLI	R423035
Molybdenum (Mo)	<0.005	0.005	mg/L	24-JUL-06	QLI	R423035
Nickel (Ni)	<0.002	0.002	mg/L	24-JUL-06	QLI	R423035
Lead (Pb)	<0.0001	0.0001	mg/L	24-JUL-06	QLI	R423035
Antimony (Sb)	0.0009	0.0004	mg/L	24-JUL-06	QLI	R423035
Selenium (Se)	<0.0004	0.0004	mg/L	24-JUL-06	QLI	R423035
Tin (Sn)	<0.05	0.05	mg/L	24-JUL-06	QLI	R423035
Titanium (Ti)	<0.001	0.001	mg/L	24-JUL-06	QLI	R423035
Thallium (Tl)	<0.0001	0.0001	mg/L	24-JUL-06	QLI	R423035
Uranium (U)	<0.0001	0.0001	mg/L	24-JUL-06	QLI	R423035
Vanadium (V)	<0.001	0.001	mg/L	24-JUL-06	QLI	R423035
Zinc (Zn)	0.004	0.002	mg/L	24-JUL-06	QLI	R423035

Total Metals - CCME**Total Major Metals**

Calcium (Ca)	2.2	0.5	mg/L	24-JUL-06	SYF	R423026
Potassium (K)	0.5	0.1	mg/L	24-JUL-06	SYF	R423026
Magnesium (Mg)	1.0	0.1	mg/L	24-JUL-06	SYF	R423026
Sodium (Na)	1	1	mg/L	24-JUL-06	SYF	R423026
Iron (Fe)	0.020	0.005	mg/L	24-JUL-06	SYF	R423026
Manganese (Mn)	<0.001	0.001	mg/L	24-JUL-06	SYF	R423026

Total Trace Metals

Silver (Ag)	<0.0004	0.0004	mg/L	24-JUL-06	QLI	R423033
Aluminum (Al)	0.03	0.01	mg/L	24-JUL-06	QLI	R423033
Arsenic (As)	<0.0004	0.0004	mg/L	24-JUL-06	QLI	R423033
Boron (B)	<0.05	0.05	mg/L	24-JUL-06	QLI	R423033
Barium (Ba)	0.003	0.003	mg/L	24-JUL-06	QLI	R423033
Beryllium (Be)	<0.001	0.001	mg/L	24-JUL-06	QLI	R423033
Cadmium (Cd)	<0.0002	0.0002	mg/L	24-JUL-06	QLI	R423033
Cobalt (Co)	<0.002	0.002	mg/L	24-JUL-06	QLI	R423033
Chromium (Cr)	<0.005	0.005	mg/L	24-JUL-06	QLI	R423033
Copper (Cu)	0.002	0.001	mg/L	24-JUL-06	QLI	R423033
Mercury (Hg)	<0.0002	0.0002	mg/L	24-JUL-06	QLI	R423033
Lithium (Li)	<0.01	0.01	mg/L	24-JUL-06	QLI	R423033
Molybdenum (Mo)	<0.005	0.005	mg/L	24-JUL-06	QLI	R423033
Nickel (Ni)	<0.002	0.002	mg/L	24-JUL-06	QLI	R423033

ALS LABORATORY GROUP ANALYTICAL REPORT

L413573-4 200-5							
Sampled By: DBS on 19-JUL-06 @ 09:30							
Matrix: WATER							
Total Metals - CCME							
Total Trace Metals							
Lead (Pb)	<0.0001	0.0001	mg/L	24-JUL-06	QLI	R423033	
Antimony (Sb)	0.0009	0.0004	mg/L	24-JUL-06	QLI	R423033	
Selenium (Se)	<0.0004	0.0004	mg/L	24-JUL-06	QLI	R423033	
Tin (Sn)	<0.05	0.05	mg/L	24-JUL-06	QLI	R423033	
Titanium (Ti)	<0.001	0.001	mg/L	24-JUL-06	QLI	R423033	
Thallium (Tl)	<0.0001	0.0001	mg/L	24-JUL-06	QLI	R423033	
Uranium (U)	<0.0001	0.0001	mg/L	24-JUL-06	QLI	R423033	
Vanadium (V)	<0.001	0.001	mg/L	24-JUL-06	QLI	R423033	
Zinc (Zn)	0.007	0.004	mg/L	24-JUL-06	QLI	R423033	
Alkalinity, Total (as CaCO ₃)	<5	5	mg/L	24-JUL-06	PTT	R422809	
Ammonia-N	<0.05	0.05	mg/L	25-JUL-06	LDC	R423262	
Chloride (Cl)	3	1	mg/L	24-JUL-06	WYA	R422947	
Conductivity (EC)	31.9	0.2	uS/cm	24-JUL-06	PTT	R422809	
Nitrate-N	<0.1	0.1	mg/L	24-JUL-06	SHC	R423242	
Nitrite-N	<0.05	0.05	mg/L	24-JUL-06	SHC	R423242	
Sulphate (SO ₄)	50.2	0.5	mg/L	25-JUL-06	JTV	R424289	
Total Suspended Solids	<3	3	mg/L	25-JUL-06	SVG	R423328	
pH	6.8	0.1	pH	24-JUL-06	PTT	R422809	
L413573-5 200-5A							
Sampled By: DBS on 19-JUL-06 @ 09:45							
Matrix: WATER							
Hardness							
Calcium (Ca)	18.7	0.5	mg/L	24-JUL-06	EOC	R422834	
Hardness (as CaCO ₃)	67		mg/L	25-JUL-06			
Magnesium (Mg)	5.0	0.1	mg/L	24-JUL-06	EOC	R422834	
Dissolved Metals - CCME							
Dissolved Major Metals							
Calcium (Ca)	19.0	0.5	mg/L	28-JUL-06	DDN	R424412	
Potassium (K)	2.0	0.1	mg/L	28-JUL-06	DDN	R424412	
Magnesium (Mg)	4.76	0.01	mg/L	28-JUL-06	DDN	R424412	
Sodium (Na)	42.1	0.5	mg/L	28-JUL-06	DDN	R424412	
Iron (Fe)	0.011	0.005	mg/L	28-JUL-06	DDN	R424412	
Manganese (Mn)	0.029	0.001	mg/L	28-JUL-06	DDN	R424412	
Dissolved Trace Metals							
Silver (Ag)	<0.0001	0.0001	mg/L	24-JUL-06	QLI	R423035	
Aluminum (Al)	0.12	0.01	mg/L	24-JUL-06	QLI	R423035	
Arsenic (As)	<0.0004	0.0004	mg/L	24-JUL-06	QLI	R423035	
Boron (B)	<0.05	0.05	mg/L	24-JUL-06	QLI	R423035	
Barium (Ba)	0.053	0.003	mg/L	24-JUL-06	QLI	R423035	
Beryllium (Be)	<0.001	0.001	mg/L	24-JUL-06	QLI	R423035	
Cadmium (Cd)	0.0003	0.0001	mg/L	24-JUL-06	QLI	R423035	
Cobalt (Co)	<0.002	0.002	mg/L	24-JUL-06	QLI	R423035	
Chromium (Cr)	<0.005	0.005	mg/L	24-JUL-06	QLI	R423035	
Copper (Cu)	0.002	0.001	mg/L	24-JUL-06	QLI	R423035	
Mercury (Hg)	<0.0001	0.0001	mg/L	24-JUL-06	QLI	R423035	
Lithium (Li)	<0.003	0.003	mg/L	24-JUL-06	QLI	R423035	
Molybdenum (Mo)	<0.005	0.005	mg/L	24-JUL-06	QLI	R423035	
Nickel (Ni)	0.005	0.002	mg/L	24-JUL-06	QLI	R423035	

ALS LABORATORY GROUP ANALYTICAL REPORT

L413573-5 200-5A

Sampled By: DBS on 19-JUL-06 @ 09:45

Matrix: WATER

Dissolved Metals - CCME**Dissolved Trace Metals**

Lead (Pb)	<0.0001	0.0001	mg/L	24-JUL-06	QLI	R423035
Antimony (Sb)	0.0007	0.0004	mg/L	24-JUL-06	QLI	R423035
Selenium (Se)	<0.0004	0.0004	mg/L	24-JUL-06	QLI	R423035
Tin (Sn)	<0.05	0.05	mg/L	24-JUL-06	QLI	R423035
Titanium (Ti)	<0.001	0.001	mg/L	24-JUL-06	QLI	R423035
Thallium (Tl)	<0.0001	0.0001	mg/L	24-JUL-06	QLI	R423035
Uranium (U)	0.0002	0.0001	mg/L	24-JUL-06	QLI	R423035
Vanadium (V)	0.002	0.001	mg/L	24-JUL-06	QLI	R423035
Zinc (Zn)	0.021	0.002	mg/L	24-JUL-06	QLI	R423035

Total Metals - CCME**Total Major Metals**

Calcium (Ca)	18.9	0.5	mg/L	26-JUL-06	DDN	R423910
Potassium (K)	1.9	0.1	mg/L	26-JUL-06	DDN	R423910
Magnesium (Mg)	4.7	0.1	mg/L	26-JUL-06	DDN	R423910
Sodium (Na)	45	1	mg/L	26-JUL-06	DDN	R423910
Iron (Fe)	0.010	0.005	mg/L	26-JUL-06	DDN	R423910
Manganese (Mn)	0.025	0.001	mg/L	26-JUL-06	DDN	R423910

Total Trace Metals

Silver (Ag)	<0.0004	0.0004	mg/L	24-JUL-06	QLI	R423033
Aluminum (Al)	0.11	0.01	mg/L	24-JUL-06	QLI	R423033
Arsenic (As)	<0.0004	0.0004	mg/L	24-JUL-06	QLI	R423033
Boron (B)	<0.05	0.05	mg/L	24-JUL-06	QLI	R423033
Barium (Ba)	0.052	0.003	mg/L	24-JUL-06	QLI	R423033
Beryllium (Be)	<0.001	0.001	mg/L	24-JUL-06	QLI	R423033
Cadmium (Cd)	0.0003	0.0002	mg/L	24-JUL-06	QLI	R423033
Cobalt (Co)	<0.002	0.002	mg/L	24-JUL-06	QLI	R423033
Chromium (Cr)	<0.005	0.005	mg/L	24-JUL-06	QLI	R423033
Copper (Cu)	0.002	0.001	mg/L	24-JUL-06	QLI	R423033
Mercury (Hg)	<0.0002	0.0002	mg/L	24-JUL-06	QLI	R423033
Lithium (Li)	<0.01	0.01	mg/L	24-JUL-06	QLI	R423033
Molybdenum (Mo)	<0.005	0.005	mg/L	24-JUL-06	QLI	R423033
Nickel (Ni)	0.004	0.002	mg/L	24-JUL-06	QLI	R423033
Lead (Pb)	<0.0001	0.0001	mg/L	24-JUL-06	QLI	R423033
Antimony (Sb)	0.0010	0.0004	mg/L	24-JUL-06	QLI	R423033
Selenium (Se)	<0.0004	0.0004	mg/L	24-JUL-06	QLI	R423033
Tin (Sn)	<0.05	0.05	mg/L	24-JUL-06	QLI	R423033
Titanium (Ti)	<0.001	0.001	mg/L	24-JUL-06	QLI	R423033
Thallium (Tl)	<0.0001	0.0001	mg/L	24-JUL-06	QLI	R423033
Uranium (U)	0.0002	0.0001	mg/L	24-JUL-06	QLI	R423033
Vanadium (V)	0.001	0.001	mg/L	24-JUL-06	QLI	R423033
Zinc (Zn)	0.019	0.004	mg/L	24-JUL-06	QLI	R423033

Alkalinity, Total (as CaCO₃)

Ammonia-N	<5	5	mg/L	24-JUL-06	PTT	R422809
Chloride (Cl)	0.11	0.05	mg/L	25-JUL-06	LDC	R423262
Conductivity (EC)	89	1	mg/L	24-JUL-06	WYA	R422947
Nitrate-N	407	0.2	uS/cm	24-JUL-06	PTT	R422809
Nitrite-N	3.8	0.1	mg/L	24-JUL-06	SHC	R423242
Sulphate (SO ₄)	<0.05	0.05	mg/L	24-JUL-06	SHC	R423242
Total Suspended Solids	50.1	0.5	mg/L	25-JUL-06	JTV	R424289
	<3	3	mg/L	25-JUL-06	SVG	R423328

ALS LABORATORY GROUP ANALYTICAL REPORT

L413573-5

200-5A

Sampled By:

DBS on 19-JUL-06 @ 09:45

Matrix:

WATER

pH

6.6

0.1

pH

24-JUL-06

PTT

R422809

* 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

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:

260922

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.