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Wednesday May 4, 2005 At 1:51PM

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Final Analytical Results with QC data

PESC FOLDER # : 200500223

Location: FARO MINE
 Type of Sample: Fresh Water/General (FWGE)
 Submitted By: John Miller
 Environment Canada
 91782 Alaska Hwy
 Whitehorse, YT
 Canada Y1A 5B7
 Phone: 867-667-4592
 Fax: 867-667-7962
 Logged In: Tuesday February 15, 2005
 Completed: Wednesday May 4, 2005 (487 results)
 Client Code: 2562-101
 2562-101 EP YUKON POLLUTION ABATEMENT
 Sample Priority: Normal

Authorized by: _____

Richard Strub
 QA Officer

Notes:

Prelim Report sent April 04, 2005. NBB

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<u>TEST DESCRIPTION</u>	<u>MATRIX</u>	<u>RESULT</u>	<u>MDL</u>	<u>UNITS</u>
Order No: 117292 - P03-03-01				Arrival Temperature: 1°C
Start Date: 2/9/2005 12:00:00AM Start Time: 1220				
ALS				
Cyanate by ISE				
Cyanate	FWGE	< 0.50	0.50	mg/L
Thiocyanate by color				
Thiocyanate	FWGE	< 0.50	0.50	mg/L
General				
Acidity total&pH4.5				
Acidity to pH 4.5	FWGE	< 1	1	mg CaCO3 / L
Acidity, Total	FWGE	14	1	mg CaCO3 / L
Alkalinity Tot-pH4.5				
Alkalinity to pH 4.5	FWGE	290	0.5	mg CaCO3 / L
ICA (Cl F SO4)				
Chloride (Cl)	FWGE	0.8	0.1	mg/L
Fluoride (F)	FWGE	0.35	0.01	mg/L
Sulphate (SO4)	FWGE	3.3	0.5	mg/L
ICA (NO2 NO3 PO4 Br)				
Bromide (Br)	FWGE	< 0.05	0.05	mg/L
Nitrogen, Nitrate as N	FWGE	0.004	0.002	mg/L
Nitrogen, Nitrite as N	FWGE	< 0.005	0.005	mg/L
Phosphorus, Ortho as P	FWGE	< 0.05	0.05	mg/L
pH				
pH	FWGE	7.91	0.01	pH Units
Residue: Filterable				
Residue, Filterable (TDS)	FWGE	300	10	mg/L
Residue: Nonfilt.				
Residue, Nonfilterable (NFR/TSS)	FWGE	15	5	mg/L
Specific Conductance				
Conductivity	FWGE	459	2	uS/cm
Metals				
Hardness CaMg diss.				
Hardness, Calcium+Magnesium - calc.	FWGE	234	0.4	mg CaCO3 / L
Hardness Total diss.				
Hardness, Total - calc.	FWGE	242	0.4	mg CaCO3 / L
ICP Dissolved				
Aluminum (Al)	FWGE	< 0.05	0.05	mg/L
Antimony (Sb)	FWGE	< 0.05	0.05	mg/L
Arsenic (As)	FWGE	< 0.05	0.05	mg/L
Barium (Ba)	FWGE	0.216	0.001	mg/L
Beryllium (Be)	FWGE	< 0.001	0.001	mg/L
Boron (B)	FWGE	0.02	0.01	mg/L
Cadmium (Cd)	FWGE	< 0.005	0.005	mg/L

<u>TEST DESCRIPTION</u>	<u>MATRIX</u>	<u>RESULT</u>	<u>MDL</u>	<u>UNITS</u>
Calcium (Ca)	FWGE	69.0	0.1	mg/L
Chromium (Cr)	FWGE	< 0.005	0.005	mg/L
Cobalt (Co)	FWGE	< 0.005	0.005	mg/L
Copper (Cu)	FWGE	< 0.005	0.005	mg/L
Iron (Fe)	FWGE	3.74	0.005	mg/L
Lead (Pb)	FWGE	< 0.05	0.05	mg/L
Magnesium (Mg)	FWGE	14.9	0.1	mg/L
Manganese (Mn)	FWGE	0.136	0.001	mg/L
Molybdenum (Mo)	FWGE	< 0.01	0.01	mg/L
Nickel (Ni)	FWGE	< 0.02	0.02	mg/L
Phosphorus (P)	FWGE	< 0.1	0.1	mg/L
Potassium (K)	FWGE	2.5	0.1	mg/L
Selenium (Se)	FWGE	< 0.05	0.05	mg/L
Silicon (Si)	FWGE	7.54	0.05	mg/L
Silver (Ag)	FWGE	< 0.01	0.01	mg/L
Sodium (Na)	FWGE	9.1	0.1	mg/L
Strontium (Sr)	FWGE	0.595	0.001	mg/L
Sulfur (S)	FWGE	1.09	0.05	mg/L
Tin (Sn)	FWGE	< 0.05	0.05	mg/L
Titanium (Ti)	FWGE	< 0.002	0.002	mg/L
Vanadium (V)	FWGE	< 0.01	0.01	mg/L
Zinc (Zn)	FWGE	0.024	0.002	mg/L
Nutrients				
NH3				
Nitrogen, Ammonia as N	FWGE	0.149	0.005	mg/L
Total Phosphorus				
Phosphorus, Total as P	FWGE	0.037	0.002	mg/L
Order No: 117293 - P03-03-02				
Start Date: 2/9/2005 12:00:00AM Start Time: 1315				
ALS				
Cyanate by ISE				
Cyanate	FWGE	< 0.50	0.50	mg/L
Thiocyanate by color				
Thiocyanate	FWGE	< 0.50	0.50	mg/L
General				
Acidity total&pH4.5				
Acidity to pH 4.5	FWGE	4	1	mg CaCO3 / L
Acidity, Total	FWGE	1090	5	mg CaCO3 / L
Alkalinity Tot-pH4.5				
Alkalinity to pH 4.5	FWGE	< 0.5	0.5	mg CaCO3 / L
ICA (Cl F SO4)				
Chloride (Cl)	FWGE	0.3	0.1	mg/L
Fluoride (F)	FWGE	0.21	0.01	mg/L

<u>TEST DESCRIPTION</u>	<u>MATRIX</u>	<u>RESULT</u>	<u>MDL</u>	<u>UNITS</u>
Sulphate (SO4)	FWGE	1960	50	mg/L
ICA (NO2 NO3 PO4 Br)				
Bromide (Br)	FWGE	< 0.05	0.05	mg/L
Nitrogen, Nitrate as N	FWGE	< 0.002	0.002	mg/L
Nitrogen, Nitrite as N	FWGE	< 0.005	0.005	mg/L
Phosphorus, Ortho as P	FWGE	< 0.05	0.05	mg/L
pH				
pH	FWGE	4.61	0.01	pH Units
Residue: Filterable				
Residue, Filterable (TDS)	FWGE	2330	10	mg/L
Residue: Nonfilt.				
Residue, Nonfilterable (NFR/TSS)	FWGE	17	5	mg/L
Specific Conductance				
Conductivity	FWGE	2020	2	uS/cm
Metals				
Hardness CaMg diss.				
Hardness, Calcium+Magnesium - calc.	FWGE	346	0.4	mg CaCO3 / L
Hardness Total diss.				
Hardness, Total - calc.	FWGE	1300	0.4	mg CaCO3 / L
ICP Dissolved				
Aluminum (Al)	FWGE	1.49	0.05	mg/L
Antimony (Sb)	FWGE	< 0.05	0.05	mg/L
Arsenic (As)	FWGE	< 0.05	0.05	mg/L
Barium (Ba)	FWGE	0.006	0.001	mg/L
Beryllium (Be)	FWGE	0.008	0.001	mg/L
Boron (B)	FWGE	< 0.01	0.01	mg/L
Cadmium (Cd)	FWGE	0.012	0.005	mg/L
Calcium (Ca)	FWGE	84.0	0.1	mg/L
Chromium (Cr)	FWGE	< 0.005	0.005	mg/L
Cobalt (Co)	FWGE	0.115	0.005	mg/L
Copper (Cu)	FWGE	0.052	0.005	mg/L
Iron (Fe)	FWGE	427	0.3	mg/L
Lead (Pb)	FWGE	0.08	0.05	mg/L
Magnesium (Mg)	FWGE	33.1	0.1	mg/L
Manganese (Mn)	FWGE	12.8	0.05	mg/L
Molybdenum (Mo)	FWGE	< 0.01	0.01	mg/L
Nickel (Ni)	FWGE	0.17	0.02	mg/L
Phosphorus (P)	FWGE	< 0.1	0.1	mg/L
Potassium (K)	FWGE	4.1	0.1	mg/L
Selenium (Se)	FWGE	< 0.05	0.05	mg/L
Silicon (Si)	FWGE	21.1	0.05	mg/L
Silver (Ag)	FWGE	< 0.01	0.01	mg/L
Sodium (Na)	FWGE	11.7	0.1	mg/L
Strontium (Sr)	FWGE	0.357	0.001	mg/L
Sulfur (S)	FWGE	426	3	mg/L

<u>TEST DESCRIPTION</u>	<u>MATRIX</u>	<u>RESULT</u>	<u>MDL</u>	<u>UNITS</u>
Tin (Sn)	FWGE	0.05	0.05	mg/L
Titanium (Ti)	FWGE	< 0.002	0.002	mg/L
Vanadium (V)	FWGE	0.02	0.01	mg/L
Zinc (Zn)	FWGE	106	0.1	mg/L
Nutrients				
NH3				
Nitrogen, Ammonia as N	FWGE	0.278	0.005	mg/L
Total Phosphorus				
Phosphorus, Total as P	FWGE	0.017	0.002	mg/L

Order No: 117294 - P03-08-08

Start Date: 2/9/2005 12:00:00AM Start Time: 1400

ALS**Cyanate by ISE**

Cyanate FWGE < 0.50 0.50 mg/L

Thiocyanate by color

Thiocyanate FWGE < 0.50 0.50 mg/L

General**Acidity total&pH4.5**

Acidity to pH 4.5 FWGE < 1 1 mg CaCO3 / L

Acidity, Total FWGE 120 1 mg CaCO3 / L

Alkalinity Tot-pH4.5

Alkalinity to pH 4.5 FWGE 7.0 0.5 mg CaCO3 / L

ICA (Cl F SO4)

Chloride (Cl) FWGE 1.2 0.1 mg/L

Fluoride (F) FWGE 0.08 0.01 mg/L

Sulphate (SO4) FWGE 636 30 mg/L

ICA (NO2 NO3 PO4 Br)

Bromide (Br) FWGE 0.06 0.05 mg/L

Nitrogen, Nitrate as N FWGE < 0.002 0.002 mg/L

Nitrogen, Nitrite as N FWGE < 0.005 0.005 mg/L

Phosphorus, Ortho as P FWGE < 0.05 0.05 mg/L

pH

pH FWGE 5.55 0.01 pH Units

Residue: Filterable

Residue, Filterable (TDS) FWGE 827 10 mg/L

Residue: Nonfilt.

Residue, Nonfilterable (NFR/TSS) FWGE 37 5 mg/L

Specific Conductance

Conductivity FWGE 841 2 uS/cm

Metals**Hardness CaMg diss.**

Hardness, Calcium+Magnesium - calc. FWGE 365 0.4 mg CaCO3 / L

<u>TEST DESCRIPTION</u>	<u>MATRIX</u>	<u>RESULT</u>	<u>MDL</u>	<u>UNITS</u>
Hardness Total diss.				
Hardness, Total - calc.	FWGE	463	0.4	mg CaCO ₃ / L
ICP Dissolved				
Aluminum (Al)	FWGE	0.13	0.05	mg/L
Antimony (Sb)	FWGE	< 0.05	0.05	mg/L
Arsenic (As)	FWGE	< 0.05	0.05	mg/L
Barium (Ba)	FWGE	0.013	0.001	mg/L
Beryllium (Be)	FWGE	< 0.001	0.001	mg/L
Boron (B)	FWGE	< 0.01	0.01	mg/L
Cadmium (Cd)	FWGE	0.009	0.005	mg/L
Calcium (Ca)	FWGE	108	0.1	mg/L
Chromium (Cr)	FWGE	< 0.005	0.005	mg/L
Cobalt (Co)	FWGE	0.292	0.005	mg/L
Copper (Cu)	FWGE	< 0.005	0.005	mg/L
Iron (Fe)	FWGE	23.9	0.005	mg/L
Lead (Pb)	FWGE	< 0.05	0.05	mg/L
Magnesium (Mg)	FWGE	23.1	0.1	mg/L
Manganese (Mn)	FWGE	19.1	0.01	mg/L
Molybdenum (Mo)	FWGE	< 0.01	0.01	mg/L
Nickel (Ni)	FWGE	0.35	0.02	mg/L
Phosphorus (P)	FWGE	< 0.1	0.1	mg/L
Potassium (K)	FWGE	3.3	0.1	mg/L
Selenium (Se)	FWGE	< 0.05	0.05	mg/L
Silicon (Si)	FWGE	15.1	0.05	mg/L
Silver (Ag)	FWGE	< 0.01	0.01	mg/L
Sodium (Na)	FWGE	9.1	0.1	mg/L
Strontium (Sr)	FWGE	0.384	0.001	mg/L
Sulfur (S)	FWGE	166	0.05	mg/L
Tin (Sn)	FWGE	0.05	0.05	mg/L
Titanium (Ti)	FWGE	< 0.002	0.002	mg/L
Vanadium (V)	FWGE	< 0.01	0.01	mg/L
Zinc (Zn)	FWGE	12.7	0.002	mg/L
Nutrients				
NH3				
Nitrogen, Ammonia as N	FWGE	0.2	0.005	mg/L
Total Phosphorus				
Phosphorus, Total as P	FWGE	0.023	0.002	mg/L
Order No: 117295 - P03-03-03				
Start Date: 2/9/2005 12:00:00AM Start Time: 1415				
ALS				
Cyanate by ISE				
Cyanate	FWGE	< 0.50	0.50	mg/L
Thiocyanate by color				
Thiocyanate	FWGE	< 0.50	0.50	mg/L

<u>TEST DESCRIPTION</u>	<u>MATRIX</u>	<u>RESULT</u>	<u>MDL</u>	<u>UNITS</u>
General				
Acidity total&pH4.5				
Acidity to pH 4.5	FWGE	< 1	1	mg CaCO3 / L
Acidity, Total	FWGE	105	1	mg CaCO3 / L
Alkalinity Tot-pH4.5				
Alkalinity to pH 4.5	FWGE	8.5	0.5	mg CaCO3 / L
ICA (Cl F SO4)				
Chloride (Cl)	FWGE	1.1	0.1	mg/L
Fluoride (F)	FWGE	0.08	0.01	mg/L
Sulphate (SO4)	FWGE	660	30	mg/L
ICA (NO2 NO3 PO4 Br)				
Bromide (Br)	FWGE	0.10	0.05	mg/L
Nitrogen, Nitrate as N	FWGE	< 0.002	0.002	mg/L
Nitrogen, Nitrite as N	FWGE	< 0.005	0.005	mg/L
Phosphorus, Ortho as P	FWGE	< 0.05	0.05	mg/L
pH				
pH	FWGE	6.06	0.01	pH Units
Residue: Filterable				
Residue, Filterable (TDS)	FWGE	823	10	mg/L
Residue: Nonfilt.				
Residue, Nonfilterable (NFR/TSS)	FWGE	26	5	mg/L
Specific Conductance				
Conductivity	FWGE	938	2	uS/cm
Metals				
Hardness CaMg diss.				
Hardness, Calcium+Magnesium - calc.	FWGE	365	0.4	mg CaCO3 / L
Hardness Total diss.				
Hardness, Total - calc.	FWGE	464	0.4	mg CaCO3 / L
ICP Dissolved				
Aluminum (Al)	FWGE	0.13	0.05	mg/L
Antimony (Sb)	FWGE	< 0.05	0.05	mg/L
Arsenic (As)	FWGE	< 0.05	0.05	mg/L
Barium (Ba)	FWGE	0.013	0.001	mg/L
Beryllium (Be)	FWGE	< 0.001	0.001	mg/L
Boron (B)	FWGE	< 0.01	0.01	mg/L
Cadmium (Cd)	FWGE	0.009	0.005	mg/L
Calcium (Ca)	FWGE	109	0.1	mg/L
Chromium (Cr)	FWGE	< 0.005	0.005	mg/L
Cobalt (Co)	FWGE	0.291	0.005	mg/L
Copper (Cu)	FWGE	< 0.005	0.005	mg/L
Iron (Fe)	FWGE	24.3	0.005	mg/L
Lead (Pb)	FWGE	< 0.05	0.05	mg/L
Magnesium (Mg)	FWGE	22.8	0.1	mg/L
Manganese (Mn)	FWGE	19.1	0.01	mg/L
Molybdenum (Mo)	FWGE	< 0.01	0.01	mg/L

<u>TEST DESCRIPTION</u>	<u>MATRIX</u>	<u>RESULT</u>	<u>MDL</u>	<u>UNITS</u>
Nickel (Ni)	FWGE	0.35	0.02	mg/L
Phosphorus (P)	FWGE	< 0.1	0.1	mg/L
Potassium (K)	FWGE	3.3	0.1	mg/L
Selenium (Se)	FWGE	< 0.05	0.05	mg/L
Silicon (Si)	FWGE	15.3	0.05	mg/L
Silver (Ag)	FWGE	< 0.01	0.01	mg/L
Sodium (Na)	FWGE	9.2	0.1	mg/L
Strontium (Sr)	FWGE	0.383	0.001	mg/L
Sulfur (S)	FWGE	159	0.5	mg/L
Tin (Sn)	FWGE	< 0.05	0.05	mg/L
Titanium (Ti)	FWGE	< 0.002	0.002	mg/L
Vanadium (V)	FWGE	< 0.01	0.01	mg/L
Zinc (Zn)	FWGE	12.6	0.002	mg/L
Nutrients				
NH3				
Nitrogen, Ammonia as N	FWGE	0.202	0.005	mg/L
Total Phosphorus				
Phosphorus, Total as P	FWGE	0.016	0.002	mg/L
Order No: 117296 - P03-03-04				
Start Date: 2/9/2005 12:00:00AM Start Time: 1500				
ALS				
Cyanate by ISE				
Cyanate	FWGE	< 0.50	0.50	mg/L
Thiocyanate by color				
Thiocyanate	FWGE	< 0.50	0.50	mg/L
General				
Acidity total&pH4.5				
Acidity to pH 4.5	FWGE	< 1	1	mg CaCO3 / L
Acidity, Total	FWGE	113	1	mg CaCO3 / L
Alkalinity Tot-pH4.5				
Alkalinity to pH 4.5	FWGE	17.7	0.5	mg CaCO3 / L
ICA (Cl F SO4)				
Chloride (Cl)	FWGE	1.0	0.1	mg/L
Fluoride (F)	FWGE	0.03	0.01	mg/L
Sulphate (SO4)	FWGE	647	30	mg/L
ICA (NO2 NO3 PO4 Br)				
Bromide (Br)	FWGE	0.21	0.05	mg/L
Nitrogen, Nitrate as N	FWGE	< 0.002	0.002	mg/L
Nitrogen, Nitrite as N	FWGE	< 0.005	0.005	mg/L
Phosphorus, Ortho as P	FWGE	< 0.05	0.05	mg/L
pH				
pH	FWGE	6.17	0.01	pH Units
Residue: Filterable				

<u>TEST DESCRIPTION</u>	<u>MATRIX</u>	<u>RESULT</u>	<u>MDL</u>	<u>UNITS</u>
Residue, Filterable (TDS)	FWGE	814	10	mg/L
Residue: Nonfilt.				
Residue, Nonfilterable (NFR/TSS)	FWGE	14	5	mg/L
Specific Conductance				
Conductivity	FWGE	936	2	uS/cm
Metals				
Hardness CaMg diss.				
Hardness, Calcium+Magnesium - calc.	FWGE	366	0.4	mg CaCO3 / L
Hardness Total diss.				
Hardness, Total - calc.	FWGE	469	0.4	mg CaCO3 / L
ICP Dissolved				
Aluminum (Al)	FWGE	< 0.05	0.05	mg/L
Antimony (Sb)	FWGE	< 0.05	0.05	mg/L
Arsenic (As)	FWGE	< 0.05	0.05	mg/L
Barium (Ba)	FWGE	0.072	0.001	mg/L
Beryllium (Be)	FWGE	< 0.001	0.001	mg/L
Boron (B)	FWGE	< 0.01	0.01	mg/L
Cadmium (Cd)	FWGE	< 0.005	0.005	mg/L
Calcium (Ca)	FWGE	109	0.1	mg/L
Chromium (Cr)	FWGE	< 0.005	0.005	mg/L
Cobalt (Co)	FWGE	0.174	0.005	mg/L
Copper (Cu)	FWGE	< 0.005	0.005	mg/L
Iron (Fe)	FWGE	30.9	0.05	mg/L
Lead (Pb)	FWGE	< 0.05	0.05	mg/L
Magnesium (Mg)	FWGE	22.8	0.1	mg/L
Manganese (Mn)	FWGE	22.9	0.01	mg/L
Molybdenum (Mo)	FWGE	< 0.01	0.01	mg/L
Nickel (Ni)	FWGE	0.17	0.02	mg/L
Phosphorus (P)	FWGE	< 0.1	0.1	mg/L
Potassium (K)	FWGE	3.1	0.1	mg/L
Selenium (Se)	FWGE	< 0.05	0.05	mg/L
Silicon (Si)	FWGE	13.7	0.05	mg/L
Silver (Ag)	FWGE	< 0.01	0.01	mg/L
Sodium (Na)	FWGE	10.9	0.1	mg/L
Strontium (Sr)	FWGE	0.377	0.001	mg/L
Sulfur (S)	FWGE	158	0.05	mg/L
Tin (Sn)	FWGE	< 0.05	0.05	mg/L
Titanium (Ti)	FWGE	< 0.002	0.002	mg/L
Vanadium (V)	FWGE	< 0.01	0.01	mg/L
Zinc (Zn)	FWGE	4.06	0.002	mg/L
Nutrients				
NH3				
Nitrogen, Ammonia as N	FWGE	0.337	0.005	mg/L
Total Phosphorus				
Phosphorus, Total as P	FWGE	0.011	0.002	mg/L

<u>TEST DESCRIPTION</u>	<u>MATRIX</u>	<u>RESULT</u>	<u>MDL</u>	<u>UNITS</u>
Order No: 117297 - P03-03-05				
Start Date: 2/9/2005 12:00:00AM Start Time: 1530				
ALS				
Cyanate by ISE				
Cyanate	FWGE	< 0.50	0.50	mg/L
Thiocyanate by color				
Thiocyanate	FWGE	0.83	0.50	mg/L
General				
Acidity total&pH4.5				
Acidity to pH 4.5	FWGE	< 1	1	mg CaCO3 / L
Acidity, Total	FWGE	45	1	mg CaCO3 / L
Alkalinity Tot-pH4.5				
Alkalinity to pH 4.5	FWGE	81.2	0.5	mg CaCO3 / L
ICA (Cl F SO4)				
Chloride (Cl)	FWGE	1.0	0.1	mg/L
Fluoride (F)	FWGE	0.10	0.01	mg/L
Sulphate (SO4)	FWGE	595	30	mg/L
ICA (NO2 NO3 PO4 Br)				
Bromide (Br)	FWGE	0.06	0.05	mg/L
Nitrogen, Nitrate as N	FWGE	< 0.002	0.002	mg/L
Nitrogen, Nitrite as N	FWGE	< 0.005	0.005	mg/L
Phosphorus, Ortho as P	FWGE	< 0.05	0.05	mg/L
pH				
pH	FWGE	6.77	0.01	pH Units
Residue: Filterable				
Residue, Filterable (TDS)	FWGE	889	10	mg/L
Residue: Nonfilt.				
Residue, Nonfilterable (NFR/TSS)	FWGE	928	5	mg/L
Specific Conductance				
Conductivity	FWGE	1020	2	uS/cm
Metals				
Hardness CaMg diss.				
Hardness, Calcium+Magnesium - calc.	FWGE	450	0.4	mg CaCO3 / L
Hardness Total diss.				
Hardness, Total - calc.	FWGE	562	0.4	mg CaCO3 / L
ICP Dissolved				
Aluminum (Al)	FWGE	< 0.05	0.05	mg/L
Antimony (Sb)	FWGE	< 0.05	0.05	mg/L
Arsenic (As)	FWGE	< 0.05	0.05	mg/L
Barium (Ba)	FWGE	0.128	0.001	mg/L
Beryllium (Be)	FWGE	< 0.001	0.001	mg/L
Boron (B)	FWGE	0.01	0.01	mg/L
Cadmium (Cd)	FWGE	< 0.005	0.005	mg/L

<u>TEST DESCRIPTION</u>	<u>MATRIX</u>	<u>RESULT</u>	<u>MDL</u>	<u>UNITS</u>
Calcium (Ca)	FWGE	138	0.1	mg/L
Chromium (Cr)	FWGE	< 0.005	0.005	mg/L
Cobalt (Co)	FWGE	0.027	0.005	mg/L
Copper (Cu)	FWGE	< 0.005	0.005	mg/L
Iron (Fe)	FWGE	23.8	0.005	mg/L
Lead (Pb)	FWGE	< 0.05	0.05	mg/L
Magnesium (Mg)	FWGE	25.7	0.1	mg/L
Manganese (Mn)	FWGE	37.5	0.01	mg/L
Molybdenum (Mo)	FWGE	< 0.01	0.01	mg/L
Nickel (Ni)	FWGE	< 0.02	0.02	mg/L
Phosphorus (P)	FWGE	< 0.1	0.1	mg/L
Potassium (K)	FWGE	3.1	0.1	mg/L
Selenium (Se)	FWGE	< 0.05	0.05	mg/L
Silicon (Si)	FWGE	11.4	0.05	mg/L
Silver (Ag)	FWGE	< 0.01	0.01	mg/L
Sodium (Na)	FWGE	28.5	0.1	mg/L
Strontium (Sr)	FWGE	0.474	0.001	mg/L
Sulfur (S)	FWGE	174	0.05	mg/L
Tin (Sn)	FWGE	0.05	0.05	mg/L
Titanium (Ti)	FWGE	< 0.002	0.002	mg/L
Vanadium (V)	FWGE	< 0.01	0.01	mg/L
Zinc (Zn)	FWGE	0.085	0.002	mg/L

Nutrients**NH3**

Nitrogen, Ammonia as N	FWGE	0.67	0.03	mg/L
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Total Phosphorus

Phosphorus, Total as P	FWGE	0.57	0.01	mg/L
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Order No: 117298 - P03-03-06

Start Date: 2/9/2005 12:00:00AM Start Time: 1600

ALS**Cyanate by ISE**

Cyanate	FWGE	< 0.50	0.50	mg/L
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Thiocyanate by color

Thiocyanate	FWGE	0.90	0.50	mg/L
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General**Acidity total&pH4.5**

Acidity to pH 4.5	FWGE	< 1	1	mg CaCO3 / L
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Acidity, Total	FWGE	43	1	mg CaCO3 / L
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Alkalinity Tot-pH4.5

Alkalinity to pH 4.5	FWGE	40.7	0.5	mg CaCO3 / L
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ICA (Cl F SO4)

Chloride (Cl)	FWGE	0.9	0.1	mg/L
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Fluoride (F)	FWGE	0.23	0.01	mg/L
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<u>TEST DESCRIPTION</u>	<u>MATRIX</u>	<u>RESULT</u>	<u>MDL</u>	<u>UNITS</u>
Sulphate (SO4)	FWGE	1100	30	mg/L
ICA (NO2 NO3 PO4 Br)				
Bromide (Br)	FWGE	< 0.05	0.05	mg/L
Nitrogen, Nitrate as N	FWGE	< 0.002	0.002	mg/L
Nitrogen, Nitrite as N	FWGE	< 0.005	0.005	mg/L
Phosphorus, Ortho as P	FWGE	< 0.05	0.05	mg/L
pH				
pH	FWGE	6.42	0.01	pH Units
Residue: Filterable				
Residue, Filterable (TDS)	FWGE	1750	10	mg/L
Residue: Nonfilt.				
Residue, Nonfilterable (NFR/TSS)	FWGE	976	5	mg/L
Specific Conductance				
Conductivity	FWGE	1960	2	uS/cm
Metals				
Hardness CaMg diss.				
Hardness, Calcium+Magnesium - calc.	FWGE	801	0.4	mg CaCO3 / L
Hardness Total diss.				
Hardness, Total - calc.	FWGE	956	0.4	mg CaCO3 / L
ICP Dissolved				
Aluminum (Al)	FWGE	< 0.05	0.05	mg/L
Antimony (Sb)	FWGE	< 0.05	0.05	mg/L
Arsenic (As)	FWGE	< 0.05	0.05	mg/L
Barium (Ba)	FWGE	0.005	0.001	mg/L
Beryllium (Be)	FWGE	< 0.001	0.001	mg/L
Boron (B)	FWGE	< 0.01	0.01	mg/L
Cadmium (Cd)	FWGE	< 0.005	0.005	mg/L
Calcium (Ca)	FWGE	229	0.1	mg/L
Chromium (Cr)	FWGE	< 0.005	0.005	mg/L
Cobalt (Co)	FWGE	< 0.005	0.005	mg/L
Copper (Cu)	FWGE	< 0.005	0.005	mg/L
Iron (Fe)	FWGE	81.6	0.05	mg/L
Lead (Pb)	FWGE	< 0.05	0.05	mg/L
Magnesium (Mg)	FWGE	55.4	0.1	mg/L
Manganese (Mn)	FWGE	4.65	0.001	mg/L
Molybdenum (Mo)	FWGE	0.02	0.01	mg/L
Nickel (Ni)	FWGE	< 0.02	0.02	mg/L
Phosphorus (P)	FWGE	< 0.1	0.1	mg/L
Potassium (K)	FWGE	7.7	0.1	mg/L
Selenium (Se)	FWGE	< 0.05	0.05	mg/L
Silicon (Si)	FWGE	3.17	0.05	mg/L
Silver (Ag)	FWGE	< 0.01	0.01	mg/L
Sodium (Na)	FWGE	231	0.1	mg/L
Strontium (Sr)	FWGE	0.499	0.001	mg/L
Sulfur (S)	FWGE	432	0.05	mg/L

<u>TEST DESCRIPTION</u>	<u>MATRIX</u>	<u>RESULT</u>	<u>MDL</u>	<u>UNITS</u>
Tin (Sn)	FWGE	< 0.05	0.05	mg/L
Titanium (Ti)	FWGE	< 0.002	0.002	mg/L
Vanadium (V)	FWGE	< 0.01	0.01	mg/L
Zinc (Zn)	FWGE	0.029	0.002	mg/L
Nutrients				
NH3				
Nitrogen, Ammonia as N	FWGE	0.38	0.005	mg/L
Total Phosphorus				
Phosphorus, Total as P	FWGE	0.54	0.01	mg/L

Order No: 117299 - P01-09D

Start Date: 2/10/2005 12:00:00AM Start Time: 0930

ALS**Cyanate by ISE**

Cyanate FWGE < 0.50 0.50 mg/L

Thiocyanate by color

Thiocyanate FWGE < 0.50 0.50 mg/L

General**Acidity total&pH4.5**

Acidity to pH 4.5 FWGE < 1 1 mg CaCO3 / L

Acidity, Total FWGE 53 1 mg CaCO3 / L

Alkalinity Tot-pH4.5

Alkalinity to pH 4.5 FWGE 13.3 0.5 mg CaCO3 / L

ICA (Cl F SO4)

Chloride (Cl) FWGE 1.0 0.1 mg/L

Fluoride (F) FWGE 0.03 0.01 mg/L

Sulphate (SO4) FWGE 483 10 mg/L

ICA (NO2 NO3 PO4 Br)

Bromide (Br) FWGE 9.6 0.3 mg/L

Nitrogen, Nitrate as N FWGE < 0.002 0.002 mg/L

Nitrogen, Nitrite as N FWGE < 0.005 0.005 mg/L

Phosphorus, Ortho as P FWGE < 0.05 0.05 mg/L

pH

pH FWGE 6.10 0.01 pH Units

Residue: Filterable

Residue, Filterable (TDS) FWGE 717 10 mg/L

Residue: Nonfilt.

Residue, Nonfilterable (NFR/TSS) FWGE 9 5 mg/L

Specific Conductance

Conductivity FWGE 858 2 uS/cm

Metals**Hardness CaMg diss.**

Hardness, Calcium+Magnesium - calc. FWGE 416 0.4 mg CaCO3 / L

<u>TEST DESCRIPTION</u>	<u>MATRIX</u>	<u>RESULT</u>	<u>MDL</u>	<u>UNITS</u>
Hardness Total diss.				
Hardness, Total - calc.	FWGE	508	0.4	mg CaCO ₃ / L
ICP Dissolved				
Aluminum (Al)	FWGE	< 0.05	0.05	mg/L
Antimony (Sb)	FWGE	< 0.05	0.05	mg/L
Arsenic (As)	FWGE	< 0.05	0.05	mg/L
Barium (Ba)	FWGE	0.016	0.001	mg/L
Beryllium (Be)	FWGE	< 0.001	0.001	mg/L
Boron (B)	FWGE	< 0.01	0.01	mg/L
Cadmium (Cd)	FWGE	< 0.005	0.005	mg/L
Calcium (Ca)	FWGE	128	0.1	mg/L
Chromium (Cr)	FWGE	< 0.005	0.005	mg/L
Cobalt (Co)	FWGE	0.062	0.005	mg/L
Copper (Cu)	FWGE	< 0.005	0.005	mg/L
Iron (Fe)	FWGE	19.9	0.005	mg/L
Lead (Pb)	FWGE	< 0.05	0.05	mg/L
Magnesium (Mg)	FWGE	23.2	0.1	mg/L
Manganese (Mn)	FWGE	28.8	0.01	mg/L
Molybdenum (Mo)	FWGE	< 0.01	0.01	mg/L
Nickel (Ni)	FWGE	0.16	0.02	mg/L
Phosphorus (P)	FWGE	< 0.1	0.1	mg/L
Potassium (K)	FWGE	4.9	0.1	mg/L
Selenium (Se)	FWGE	< 0.05	0.05	mg/L
Silicon (Si)	FWGE	13.4	0.05	mg/L
Silver (Ag)	FWGE	< 0.01	0.01	mg/L
Sodium (Na)	FWGE	12.4	0.1	mg/L
Strontium (Sr)	FWGE	0.387	0.001	mg/L
Sulfur (S)	FWGE	172	0.05	mg/L
Tin (Sn)	FWGE	0.05	0.05	mg/L
Titanium (Ti)	FWGE	< 0.002	0.002	mg/L
Vanadium (V)	FWGE	< 0.01	0.01	mg/L
Zinc (Zn)	FWGE	2.58	0.002	mg/L
Nutrients				
NH₃				
Nitrogen, Ammonia as N	FWGE	0.224	0.005	mg/L
Total Phosphorus				
Phosphorus, Total as P	FWGE	< 0.002	0.002	mg/L
Order No: 117300 - P01-09C				
Start Date: 2/10/2005 12:00:00AM Start Time: 0930				
ALS				
Cyanate by ISE				
Cyanate	FWGE	< 0.50	0.50	mg/L
Thiocyanate by color				
Thiocyanate	FWGE	< 0.50	0.50	mg/L

<u>TEST DESCRIPTION</u>	<u>MATRIX</u>	<u>RESULT</u>	<u>MDL</u>	<u>UNITS</u>
General				
Acidity total&pH4.5				
Acidity to pH 4.5	FWGE	15.0	1	mg CaCO3 / L
Acidity, Total	FWGE	2240	10	mg CaCO3 / L
Alkalinity Tot-pH4.5				
Alkalinity to pH 4.5	FWGE	< 0.5	0.5	mg CaCO3 / L
ICA (Cl F SO4)				
Chloride (Cl)	FWGE	0.1	0.1	mg/L
Fluoride (F)	FWGE	< 0.01	0.01	mg/L
Sulphate (SO4)	FWGE	3440	100	mg/L
ICA (NO2 NO3 PO4 Br)				
Bromide (Br)	FWGE	3.1	0.1	mg/L
Nitrogen, Nitrate as N	FWGE	0.033	0.002	mg/L
Nitrogen, Nitrite as N	FWGE	< 0.005	0.005	mg/L
Phosphorus, Ortho as P	FWGE	< 0.05	0.05	mg/L
pH				
pH	FWGE	4.41	0.01	pH Units
Residue: Filterable				
Residue, Filterable (TDS)	FWGE	4600	10	mg/L
Residue: Nonfilt.				
Residue, Nonfilterable (NFR/TSS)	FWGE	35	5	mg/L
Specific Conductance				
Conductivity	FWGE	2580	2	uS/cm
Metals				
Hardness CaMg diss.				
Hardness, Calcium+Magnesium - calc.	FWGE	300	0.4	mg CaCO3 / L
Hardness Total diss.				
Hardness, Total - calc.	FWGE	1660	0.4	mg CaCO3 / L
ICP Dissolved				
Aluminum (Al)	FWGE	< 0.05	0.05	mg/L
Antimony (Sb)	FWGE	< 0.05	0.05	mg/L
Arsenic (As)	FWGE	< 0.05	0.05	mg/L
Barium (Ba)	FWGE	0.022	0.001	mg/L
Beryllium (Be)	FWGE	< 0.05	0.05	mg/L
Boron (B)	FWGE	< 0.01	0.01	mg/L
Cadmium (Cd)	FWGE	< 0.005	0.005	mg/L
Calcium (Ca)	FWGE	81.8	0.1	mg/L
Chromium (Cr)	FWGE	< 0.005	0.005	mg/L
Cobalt (Co)	FWGE	0.159	0.005	mg/L
Copper (Cu)	FWGE	< 0.3	0.3	mg/L
Iron (Fe)	FWGE	664	0.3	mg/L
Lead (Pb)	FWGE	0.14	0.05	mg/L
Magnesium (Mg)	FWGE	23.2	0.1	mg/L
Manganese (Mn)	FWGE	17.5	0.05	mg/L
Molybdenum (Mo)	FWGE	< 0.01	0.01	mg/L

<u>TEST DESCRIPTION</u>	<u>MATRIX</u>	<u>RESULT</u>	<u>MDL</u>	<u>UNITS</u>
Nickel (Ni)	FWGE	0.21	0.02	mg/L
Phosphorus (P)	FWGE	< 0.1	0.1	mg/L
Potassium (K)	FWGE	3.3	0.1	mg/L
Selenium (Se)	FWGE	< 0.05	0.05	mg/L
Silicon (Si)	FWGE	11.1	0.05	mg/L
Silver (Ag)	FWGE	< 0.01	0.01	mg/L
Sodium (Na)	FWGE	7.6	0.1	mg/L
Strontium (Sr)	FWGE	0.221	0.001	mg/L
Sulfur (S)	FWGE	476	0.05	mg/L
Tin (Sn)	FWGE	0.06	0.05	mg/L
Titanium (Ti)	FWGE	< 0.002	0.002	mg/L
Vanadium (V)	FWGE	0.03	0.01	mg/L
Zinc (Zn)	FWGE	90.9	0.1	mg/L
Nutrients				
NH3				
Nitrogen, Ammonia as N	FWGE	0.432	0.005	mg/L
Total Phosphorus				
Phosphorus, Total as P	FWGE	0.030	0.002	mg/L

QC Information:

<u>ANALYTE</u>	<u>ALIQ#</u>	<u>EXPECTED</u>	<u>RESULT</u>	<u>% REC</u>	<u>DIL'N</u>	<u>MDL</u>	<u>QC TYPE</u>
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Acidity total&pH4.5 UNITS: mg CaCO3 / L MATRIX: FWGE

<u>ANALYTE</u>	<u>ALIQ#</u>	<u>EXPECTED</u>	<u>RESULT</u>	<u>% REC</u>	<u>DIL'N</u>	<u>MDL</u>	<u>QC TYPE</u>
Acidity to pH 4.5	118769-1	< MDL	< 1		1	1	BLE
Acidity to pH 4.5	118772-1		17.0	113.1	1	1	REP
Acidity, Total	118769-1	< MDL	1		1	1	BLE
Acidity, Total	118770-1	50	54.0	108.8	1	1	REF
Acidity, Total	118771-1	25	28.0	110.0	1	1	REF
Acidity, Total	118772-1		2540	113.4	10	10	REP

Alkalinity Tot-pH4.5 UNITS: mg CaCO3 / L MATRIX: FWGE

<u>ANALYTE</u>	<u>ALIQ#</u>	<u>EXPECTED</u>	<u>RESULT</u>	<u>% REC</u>	<u>DIL'N</u>	<u>MDL</u>	<u>QC TYPE</u>
Alkalinity to pH 4.5	117712-1	50	52.3	104.6	1	0.5	REF
Alkalinity to pH 4.5	118323-1	50	51.4	102.8	1	0.5	REF
Alkalinity to pH 4.5	118326-1		14.7	110.5	1	0.5	REP
Alkalinity, Total	117709-1	< MDL	< 0.5		1	0.5	BLE
Alkalinity, Total	118320-1	< MDL	< 0.5		1	0.5	BLE
Alkalinity, Total	117715-1		0.9	100.0	1	0.5	REP

Hardness CaMg diss. UNITS: mg CaCO3 / L MATRIX: FWGE

<u>ANALYTE</u>	<u>ALIQ#</u>	<u>EXPECTED</u>	<u>RESULT</u>	<u>% REC</u>	<u>DIL'N</u>	<u>MDL</u>	<u>QC TYPE</u>
Hardness,Calcium+Magnesium - ca	118460-1		< 0.4		1	0.4	BLE
Hardness,Calcium+Magnesium - ca	121359-1		< 0.4		1	0.4	BLE
Hardness,Calcium+Magnesium - ca	118464-1		incomplete		1	0.4	REK
Hardness,Calcium+Magnesium - ca	118463-1		237		1	0.4	REP
Hardness,Calcium+Magnesium - ca	118468-1		< 0.4		1	0.4	REP
Hardness,Calcium+Magnesium - ca	118469-1		299		1	0.4	REP
Hardness,Calcium+Magnesium - ca	121363-1		91.6		1	0.4	REP
Hardness,Calcium+Magnesium - ca	121364-1		398		1	0.4	REP
Hardness,Calcium+Magnesium - ca	121366-1		< 0.4		1	0.4	REP

Hardness Total diss. UNITS: mg CaCO3 / L MATRIX: FWGE

<u>ANALYTE</u>	<u>ALIQ#</u>	<u>EXPECTED</u>	<u>RESULT</u>	<u>% REC</u>	<u>DIL'N</u>	<u>MDL</u>	<u>QC TYPE</u>
Hardness, Total - calc.	118460-1		< 0.4		1	0.4	BLE
Hardness, Total - calc.	121359-1		< 0.4		1	0.4	BLE
Hardness, Total - calc.	118464-1		incomplete		1	0.4	REK
Hardness, Total - calc.	118463-1		245		1	0.4	REP
Hardness, Total - calc.	118468-1		< 0.4		1	0.4	REP
Hardness, Total - calc.	118469-1		1100		1	0.4	REP
Hardness, Total - calc.	121363-1		91.9		1	0.4	REP
Hardness, Total - calc.	121364-1		413		1	0.4	REP
Hardness, Total - calc.	121366-1		< 0.4		1	0.4	REP

ICA (Cl F SO4) UNITS: mg/L MATRIX: FWGE

<u>ANALYTE</u>	<u>ALIQ#</u>	<u>EXPECTED</u>	<u>RESULT</u>	<u>% REC</u>	<u>DIL'N</u>	<u>MDL</u>	<u>QC TYPE</u>
Chloride (Cl)	118340-1	< MDL	< 0.1		1	0.1	BLE
Chloride (Cl)	120166-1	< MDL	< 0.1		1	0.1	BLE
Chloride (Cl)	121877-1	< MDL	< 0.1		1	0.1	BLE
Chloride (Cl)	118342-1	2.94	2.9	100.3	1	0.1	REF

QC Information:

<u>ANALYTE</u>	<u>ALIQ#</u>	<u>EXPECTED</u>	<u>RESULT</u>	<u>% REC</u>	<u>DIL'N</u>	<u>MDL</u>	<u>QC TYPE</u>
Chloride (Cl)	120168-1	2.94	3.0	101.8	1	0.1	REF
Chloride (Cl)	121879-1	2.94	3.1	104.7	1	0.1	REF
Chloride (Cl)	118344-1		9.2	99.4	2	0.2	REP
Chloride (Cl)	120170-1		0.6	96.0	1	0.1	REP
Chloride (Cl)	121881-1		< 0.1		1	0.1	REP
Fluoride (F)	118340-1	< MDL	< 0.01		1	0.01	BLE
Fluoride (F)	120166-1	< MDL	< 0.01		1	0.01	BLE
Fluoride (F)	121877-1	< MDL	< 0.01		1	0.01	BLE
Fluoride (F)	118342-1	0.344	0.34	99.9	1	0.01	REF
Fluoride (F)	120168-1	0.344	0.35	101.1	1	0.01	REF
Fluoride (F)	121879-1	0.344	0.36	105.6	1	0.01	REF
Fluoride (F)	118344-1		0.02	101.8	1	0.01	REP
Fluoride (F)	120170-1		0.03	110.7	1	0.01	REP
Fluoride (F)	121881-1		0.08	95.2	1	0.01	REP
Sulphate (SO4)	118340-1	< MDL	< 0.5		1	0.5	BLE
Sulphate (SO4)	120166-1	< MDL	< 0.5		1	0.5	BLE
Sulphate (SO4)	121877-1	< MDL	< 0.5		1	0.5	BLE
Sulphate (SO4)	118342-1	2.79	2.8	99.9	1	0.5	REF
Sulphate (SO4)	120168-1	2.79	2.8	101.1	1	0.5	REF
Sulphate (SO4)	121879-1	2.79	2.8	101.2	1	0.5	REF
Sulphate (SO4)	118344-1		29	98.9	2	1	REP
Sulphate (SO4)	120170-1		14.8	98.5	1	0.5	REP
Sulphate (SO4)	121881-1		14.2	99.8	1	0.5	REP

ICA (NO2 NO3 PO4 Br) UNITS: mg/L MATRIX: FWGE

<u>ANALYTE</u>	<u>ALIQ#</u>	<u>EXPECTED</u>	<u>RESULT</u>	<u>% REC</u>	<u>DIL'N</u>	<u>MDL</u>	<u>QC TYPE</u>
Bromide (Br)	118341-1	< MDL	< 0.05		1	0.05	BLE
Bromide (Br)	118343-1	1.25	1.24	99.2	1	0.05	REF
Bromide (Br)	118345-1		< 0.05		1	0.05	REP
Nitrogen, Nitrate as N	118341-1	< MDL	< 0.002		1	0.002	BLE
Nitrogen, Nitrate as N	118343-1	0.250	0.238	95.1	1	0.002	REF
Nitrogen, Nitrate as N	118345-1		23.8	90.9	101	0.2	REP
Nitrogen, Nitrite as N	118341-1	< MDL	< 0.005		1	0.005	BLE
Nitrogen, Nitrite as N	118343-1	0.125	0.125	100.0	1	0.005	REF
Nitrogen, Nitrite as N	118345-1		< 0.005		1	0.005	REP
Phosphorus, Ortho as P	118341-1	< MDL	< 0.05		1	0.05	BLE
Phosphorus, Ortho as P	118343-1	1.25	1.17	93.8	1	0.05	REF
Phosphorus, Ortho as P	118345-1		< 0.05		1	0.05	REP

ICP Dissolved UNITS: mg/L MATRIX: FWGE

<u>ANALYTE</u>	<u>ALIQ#</u>	<u>EXPECTED</u>	<u>RESULT</u>	<u>% REC</u>	<u>DIL'N</u>	<u>MDL</u>	<u>QC TYPE</u>
Aluminum (Al)	118460-1	< MDL	< 0.05		1	0.05	BLE
Aluminum (Al)	121359-1	< MDL	< 0.05		1	0.05	BLE
Aluminum (Al)	118461-1	1.200	1.04	86.8	1	0.05	REF
Aluminum (Al)	121360-1	1.200	1.05	87.6	1	0.05	REF
Aluminum (Al)	118463-1		< 0.05		1	0.05	REP
Aluminum (Al)	118468-1		< 0.05		1	0.05	REP
Aluminum (Al)	118469-1		< 0.05		1	0.05	REP
Aluminum (Al)	121363-1		< 0.05		1	0.05	REP
Aluminum (Al)	121364-1		< 0.05		1	0.05	REP
Aluminum (Al)	121366-1		< 0.05		1	0.05	REP

QC Information:

<u>ANALYTE</u>	<u>ALIQ#</u>	<u>EXPECTED</u>	<u>RESULT</u>	<u>% REC</u>	<u>DIL'N</u>	<u>MDL</u>	<u>QC TYPE</u>
Antimony (Sb)	118460-1	< MDL	< 0.05		1	0.05	BLE
Antimony (Sb)	121359-1	< MDL	< 0.05		1	0.05	BLE
Antimony (Sb)	118461-1	0.265	0.25	94.9	1	0.05	REF
Antimony (Sb)	121360-1	0.265	0.26	98.2	1	0.05	REF
Antimony (Sb)	118463-1		< 0.05		1	0.05	REP
Antimony (Sb)	118468-1		< 0.05		1	0.05	REP
Antimony (Sb)	118469-1		< 0.05		1	0.05	REP
Antimony (Sb)	121363-1		< 0.05		1	0.05	REP
Antimony (Sb)	121364-1		< 0.05		1	0.05	REP
Antimony (Sb)	121366-1		< 0.05		1	0.05	REP
Arsenic (As)	118460-1	< MDL	< 0.05		1	0.05	BLE
Arsenic (As)	121359-1	< MDL	< 0.05		1	0.05	BLE
Arsenic (As)	118461-1	0.284	0.26	91.9	1	0.05	REF
Arsenic (As)	121360-1	0.284	0.27	95.3	1	0.05	REF
Arsenic (As)	118463-1		< 0.05		1	0.05	REP
Arsenic (As)	118468-1		< 0.05		1	0.05	REP
Arsenic (As)	118469-1		< 0.05		1	0.05	REP
Arsenic (As)	121363-1		< 0.05		1	0.05	REP
Arsenic (As)	121364-1		< 0.05		1	0.05	REP
Arsenic (As)	121366-1		< 0.05		1	0.05	REP
Barium (Ba)	118460-1	< MDL	< 0.001		1	0.001	BLE
Barium (Ba)	121359-1	< MDL	< 0.001		1	0.001	BLE
Barium (Ba)	118461-1	0.335	0.321	95.9	1	0.001	REF
Barium (Ba)	121360-1	0.335	0.333	99.3	1	0.001	REF
Barium (Ba)	118463-1		0.219	101.4	1	0.001	REP
Barium (Ba)	118468-1		< 0.001		1	0.001	REP
Barium (Ba)	118469-1		0.022	100.7	1	0.001	REP
Barium (Ba)	121363-1		0.011	99.9	1	0.001	REP
Barium (Ba)	121364-1		0.050	100.7	1	0.001	REP
Barium (Ba)	121366-1		< 0.001		1	0.001	REP
Beryllium (Be)	118460-1	< MDL	< 0.001		1	0.001	BLE
Beryllium (Be)	119800-1	< MDL	< 0.001		1	0.001	BLE
Beryllium (Be)	121359-1	< MDL	< 0.001		1	0.001	BLE
Beryllium (Be)	118461-1	0.111	0.111	99.9	1	0.001	REF
Beryllium (Be)	119801-1	0.111	0.114	102.6	1	0.001	REF
Beryllium (Be)	121360-1	0.111	0.116	104.2	1	0.001	REF
Beryllium (Be)	118463-1		< 0.001		1	0.001	REP
Beryllium (Be)	118468-1		< 0.001		1	0.001	REP
Beryllium (Be)	118469-1		0.019	97.6	1	0.001	REP
Beryllium (Be)	121363-1		< 0.001		1	0.001	REP
Beryllium (Be)	121364-1		< 0.001		1	0.001	REP
Beryllium (Be)	121366-1		< 0.001		1	0.001	REP
Boron (B)	118460-1	< MDL	0.04		1	0.01	BLE
Boron (B)	121359-1	< MDL	0.02		1	0.01	BLE
Boron (B)	118461-1	0.757	0.78	102.4	1	0.01	REF
Boron (B)	118462-1	0.11	0.13	118.5	1	0.01	REF
Boron (B)	121360-1	0.757	0.78	103.0	1	0.01	REF
Boron (B)	121361-1	0.11	0.12	109.1	1	0.01	REF
Boron (B)	118463-1		0.02	91.2	1	0.01	REP
Boron (B)	118468-1		< 0.01		1	0.01	REP
Boron (B)	118469-1		< 0.01		1	0.01	REP
Boron (B)	121363-1		0.03	100.0	1	0.01	REP

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Boron (B)	121364-1		< 0.01		1	0.01	REP
Boron (B)	121366-1		< 0.01		1	0.01	REP
Cadmium (Cd)	118460-1	< MDL	< 0.005		1	0.005	BLE
Cadmium (Cd)	121359-1	< MDL	< 0.005		1	0.005	BLE
Cadmium (Cd)	118461-1	0.446	0.419	93.8	1	0.005	REF
Cadmium (Cd)	121360-1	0.446	0.432	96.8	1	0.005	REF
Cadmium (Cd)	118463-1		< 0.005		1	0.005	REP
Cadmium (Cd)	118468-1		< 0.005		1	0.005	REP
Cadmium (Cd)	118469-1		< 0.005		1	0.005	REP
Cadmium (Cd)	121363-1		< 0.005		1	0.005	REP
Cadmium (Cd)	121364-1		< 0.005		1	0.005	REP
Cadmium (Cd)	121366-1		< 0.005		1	0.005	REP
Calcium (Ca)	118460-1	< MDL	< 0.1		1	0.1	BLE
Calcium (Ca)	121359-1	< MDL	< 0.1		1	0.1	BLE
Calcium (Ca)	118462-1	81.1	79.0	97.3	1	0.1	REF
Calcium (Ca)	121361-1	81.1	82.8	102.0	1	0.1	REF
Calcium (Ca)	118463-1		70.0	101.4	1	0.1	REP
Calcium (Ca)	118468-1		< 0.1		1	0.1	REP
Calcium (Ca)	118469-1		81.7	99.8	1	0.1	REP
Calcium (Ca)	121363-1		32.1	101.2	1	0.1	REP
Calcium (Ca)	121364-1		131	100.3	1	0.1	REP
Calcium (Ca)	121366-1		< 0.1		1	0.1	REP
Chromium (Cr)	118460-1	< MDL	< 0.005		1	0.005	BLE
Chromium (Cr)	121359-1	< MDL	< 0.005		1	0.005	BLE
Chromium (Cr)	118461-1	0.669	0.641	95.9	1	0.005	REF
Chromium (Cr)	121360-1	0.669	0.660	98.6	1	0.005	REF
Chromium (Cr)	118463-1		< 0.005		1	0.005	REP
Chromium (Cr)	118468-1		< 0.005		1	0.005	REP
Chromium (Cr)	118469-1		< 0.005		1	0.005	REP
Chromium (Cr)	121363-1		< 0.005		1	0.005	REP
Chromium (Cr)	121364-1		< 0.005		1	0.005	REP
Chromium (Cr)	121366-1		< 0.005		1	0.005	REP
Cobalt (Co)	118460-1	< MDL	< 0.005		1	0.005	BLE
Cobalt (Co)	121359-1	< MDL	< 0.005		1	0.005	BLE
Cobalt (Co)	118461-1	0.375	0.369	98.5	1	0.005	REF
Cobalt (Co)	121360-1	0.375	0.374	99.8	1	0.005	REF
Cobalt (Co)	118463-1		< 0.005		1	0.005	REP
Cobalt (Co)	118468-1		< 0.005		1	0.005	REP
Cobalt (Co)	118469-1		0.159	100.6	1	0.005	REP
Cobalt (Co)	121363-1		< 0.005		1	0.005	REP
Cobalt (Co)	121364-1		< 0.005		1	0.005	REP
Cobalt (Co)	121366-1		< 0.005		1	0.005	REP
Copper (Cu)	118460-1	< MDL	< 0.005		1	0.005	BLE
Copper (Cu)	119800-1	< MDL	< 0.005		1	0.005	BLE
Copper (Cu)	121359-1	< MDL	< 0.005		1	0.005	BLE
Copper (Cu)	118461-1	0.445	0.426	95.7	1	0.005	REF
Copper (Cu)	119801-1	0.445	0.445	100.0	1	0.005	REF
Copper (Cu)	121360-1	0.445	0.424	95.3	1	0.005	REF
Copper (Cu)	118463-1		< 0.005		1	0.005	REP
Copper (Cu)	118468-1		< 0.005		1	0.005	REP
Copper (Cu)	118469-1		< 0.005		1	0.005	REP
Copper (Cu)	121363-1		< 0.005		1	0.005	REP

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Copper (Cu)	121364-1		< 0.005		1	0.005	REP
Copper (Cu)	121366-1		< 0.005		1	0.005	REP
Iron (Fe)	118460-1	< MDL	< 0.005		1	0.005	BLE
Iron (Fe)	119800-1	< MDL	< 0.005		1	0.005	BLE
Iron (Fe)	121359-1	< MDL	< 0.005		1	0.005	BLE
Iron (Fe)	118461-1	1.010	1.04	103.0	1	0.005	REF
Iron (Fe)	119801-1	1.010	1.09	107.5	1	0.005	REF
Iron (Fe)	121360-1	1.010	1.03	101.7	1	0.005	REF
Iron (Fe)	118463-1		3.79	101.5	1	0.005	REP
Iron (Fe)	118468-1		< 0.005		1	0.005	REP
Iron (Fe)	118469-1		> 200		1	0.005	REP
Iron (Fe)	121363-1		< 0.005		1	0.005	REP
Iron (Fe)	121364-1		4.6	99.9	1	0.005	REP
Iron (Fe)	121366-1		< 0.005		1	0.005	REP
Lead (Pb)	118460-1	< MDL	< 0.05		1	0.05	BLE
Lead (Pb)	121359-1	< MDL	< 0.05		1	0.05	BLE
Lead (Pb)	118461-1	0.492	0.46	92.6	1	0.05	REF
Lead (Pb)	121360-1	0.492	0.47	96.2	1	0.05	REF
Lead (Pb)	118463-1		< 0.05		1	0.05	REP
Lead (Pb)	118468-1		< 0.05		1	0.05	REP
Lead (Pb)	118469-1		0.14	102.7	1	0.05	REP
Lead (Pb)	121363-1		< 0.05		1	0.05	REP
Lead (Pb)	121364-1		< 0.05		1	0.05	REP
Lead (Pb)	121366-1		< 0.05		1	0.05	REP
Magnesium (Mg)	118460-1	< MDL	< 0.1		1	0.1	BLE
Magnesium (Mg)	121359-1	< MDL	< 0.1		1	0.1	BLE
Magnesium (Mg)	118462-1	39.1	38.4	98.1	1	0.1	REF
Magnesium (Mg)	121361-1	39.1	40.4	103.4	1	0.1	REF
Magnesium (Mg)	118463-1		15.2	101.7	1	0.1	REP
Magnesium (Mg)	118468-1		< 0.1		1	0.1	REP
Magnesium (Mg)	118469-1		23.1	99.6	1	0.1	REP
Magnesium (Mg)	121363-1		2.8	101.2	1	0.1	REP
Magnesium (Mg)	121364-1		17.1	99.8	1	0.1	REP
Magnesium (Mg)	121366-1		< 0.1		1	0.1	REP
Manganese (Mn)	118460-1	< MDL	< 0.001		1	0.001	BLE
Manganese (Mn)	119800-1	< MDL	< 0.001		1	0.001	BLE
Manganese (Mn)	121359-1	< MDL	< 0.001		1	0.001	BLE
Manganese (Mn)	118461-1	0.727	0.709	97.5	1	0.001	REF
Manganese (Mn)	119801-1	0.727	0.746	102.6	1	0.001	REF
Manganese (Mn)	121360-1	0.727	0.733	100.9	1	0.001	REF
Manganese (Mn)	118463-1		0.138	101.5	1	0.001	REP
Manganese (Mn)	118468-1		< 0.001		1	0.001	REP
Manganese (Mn)	118469-1		> 5		1	0.001	REP
Manganese (Mn)	121363-1		< 0.001		1	0.001	REP
Manganese (Mn)	121364-1		3.08	101.3	1	0.001	REP
Manganese (Mn)	121366-1		< 0.001		1	0.001	REP
Molybdenum (Mo)	118460-1	< MDL	< 0.01		1	0.01	BLE
Molybdenum (Mo)	121359-1	< MDL	< 0.01		1	0.01	BLE
Molybdenum (Mo)	118461-1	0.601	0.57	95.0	1	0.01	REF
Molybdenum (Mo)	121360-1	0.601	0.59	98.2	1	0.01	REF
Molybdenum (Mo)	118463-1		< 0.01		1	0.01	REP
Molybdenum (Mo)	118468-1		< 0.01		1	0.01	REP

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Molybdenum (Mo)	118469-1		< 0.01		1	0.01	REP
Molybdenum (Mo)	121363-1		< 0.01		1	0.01	REP
Molybdenum (Mo)	121364-1		< 0.01		1	0.01	REP
Molybdenum (Mo)	121366-1		< 0.01		1	0.01	REP
Nickel (Ni)	118460-1	< MDL	< 0.02		1	0.02	BLE
Nickel (Ni)	121359-1	< MDL	< 0.02		1	0.02	BLE
Nickel (Ni)	118461-1	0.472	0.42	89.5	1	0.02	REF
Nickel (Ni)	121360-1	0.472	0.44	92.8	1	0.02	REF
Nickel (Ni)	118463-1		< 0.02		1	0.02	REP
Nickel (Ni)	118468-1		< 0.02		1	0.02	REP
Nickel (Ni)	118469-1		0.21	99.8	1	0.02	REP
Nickel (Ni)	121363-1		< 0.02		1	0.02	REP
Nickel (Ni)	121364-1		< 0.02		1	0.02	REP
Nickel (Ni)	121366-1		< 0.02		1	0.02	REP
Phosphorus (P)	118460-1	< MDL	< 0.1		1	0.1	BLE
Phosphorus (P)	121359-1	< MDL	< 0.1		1	0.1	BLE
Phosphorus (P)	118463-1		< 0.1		1	0.1	REP
Phosphorus (P)	118468-1		< 0.1		1	0.1	REP
Phosphorus (P)	118469-1		< 0.1		1	0.1	REP
Phosphorus (P)	121363-1		0.2	100.7	1	0.1	REP
Phosphorus (P)	121364-1		< 0.1		1	0.1	REP
Phosphorus (P)	121366-1		< 0.1		1	0.1	REP
Potassium (K)	118460-1	< MDL	< 0.1		1	0.1	BLE
Potassium (K)	121359-1	< MDL	< 0.1		1	0.1	BLE
Potassium (K)	118462-1	8.22	8.1	99.0	1	0.1	REF
Potassium (K)	121361-1	8.22	8.6	104.2	1	0.1	REF
Potassium (K)	118463-1		2.5	101.3	1	0.1	REP
Potassium (K)	118468-1		< 0.1		1	0.1	REP
Potassium (K)	118469-1		3.3	100.4	1	0.1	REP
Potassium (K)	121363-1		3.5	101.6	1	0.1	REP
Potassium (K)	121364-1		3.0	101.0	1	0.1	REP
Potassium (K)	121366-1		< 0.1		1	0.1	REP
Selenium (Se)	118460-1	< MDL	< 0.05		1	0.05	BLE
Selenium (Se)	121359-1	< MDL	< 0.05		1	0.05	BLE
Selenium (Se)	118461-1	0.409	0.39	95.2	1	0.05	REF
Selenium (Se)	121360-1	0.409	0.41	99.4	1	0.05	REF
Selenium (Se)	118463-1		< 0.05		1	0.05	REP
Selenium (Se)	118468-1		< 0.05		1	0.05	REP
Selenium (Se)	118469-1		< 0.05		1	0.05	REP
Selenium (Se)	121363-1		< 0.05		1	0.05	REP
Selenium (Se)	121364-1		< 0.05		1	0.05	REP
Selenium (Se)	121366-1		< 0.05		1	0.05	REP
Silicon (Si)	118460-1	< MDL	< 0.05		1	0.05	BLE
Silicon (Si)	121359-1	< MDL	< 0.05		1	0.05	BLE
Silicon (Si)	118462-1	5.18	4.98	96.1	1	0.05	REF
Silicon (Si)	121361-1	5.18	5.22	100.7	1	0.05	REF
Silicon (Si)	118463-1		7.65	101.4	1	0.05	REP
Silicon (Si)	118468-1		< 0.05		1	0.05	REP
Silicon (Si)	118469-1		11.1	100.3	1	0.05	REP
Silicon (Si)	121363-1		12.3	100.8	1	0.05	REP
Silicon (Si)	121364-1		6.18	99.8	1	0.05	REP
Silicon (Si)	121366-1		< 0.05		1	0.05	REP

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Silver (Ag)	118460-1	< MDL	< 0.01		1	0.01	BLE
Silver (Ag)	121359-1	< MDL	< 0.01		1	0.01	BLE
Silver (Ag)	118461-1	0.177	0.17	98.2	1	0.01	REF
Silver (Ag)	121360-1	0.177	0.18	103.3	1	0.01	REF
Silver (Ag)	118463-1		< 0.01		1	0.01	REP
Silver (Ag)	118468-1		< 0.01		1	0.01	REP
Silver (Ag)	118469-1		< 0.01		1	0.01	REP
Silver (Ag)	121363-1		< 0.01		1	0.01	REP
Silver (Ag)	121364-1		< 0.01		1	0.01	REP
Silver (Ag)	121366-1		< 0.01		1	0.01	REP
Sodium (Na)	118460-1	< MDL	< 0.1		1	0.1	BLE
Sodium (Na)	121359-1	< MDL	< 0.1		1	0.1	BLE
Sodium (Na)	118462-1	59.0	62.5	106.0	1	0.1	REF
Sodium (Na)	121361-1	59.0	60.6	102.7	1	0.1	REF
Sodium (Na)	118463-1		9.2	101.5	1	0.1	REP
Sodium (Na)	118468-1		< 0.1		1	0.1	REP
Sodium (Na)	118469-1		7.6	99.9	1	0.1	REP
Sodium (Na)	121363-1		42.4	99.8	1	0.1	REP
Sodium (Na)	121364-1		93.4	102.4	1	0.1	REP
Sodium (Na)	121366-1		< 0.1		1	0.1	REP
Strontium (Sr)	118460-1	< MDL	< 0.001		1	0.001	BLE
Strontium (Sr)	121359-1	< MDL	< 0.001		1	0.001	BLE
Strontium (Sr)	118461-1	0.104	0.100	96.3	1	0.001	REF
Strontium (Sr)	121360-1	0.104	0.104	100.3	1	0.001	REF
Strontium (Sr)	118463-1		0.603	101.4	1	0.001	REP
Strontium (Sr)	118468-1		< 0.001		1	0.001	REP
Strontium (Sr)	118469-1		0.220	99.7	1	0.001	REP
Strontium (Sr)	121363-1		0.267	100.5	1	0.001	REP
Strontium (Sr)	121364-1		0.327	99.7	1	0.001	REP
Strontium (Sr)	121366-1		< 0.001		1	0.001	REP
Sulfur (S)	118460-1	< MDL	< 0.05		1	0.05	BLE
Sulfur (S)	119800-1	< MDL	< 0.05		1	0.05	BLE
Sulfur (S)	121359-1	< MDL	< 0.05		1	0.05	BLE
Sulfur (S)	118462-1	65	70.3	108.1	1	0.05	REF
Sulfur (S)	119802-1	65	68.6	105.6	1	0.05	REF
Sulfur (S)	121361-1	65	67.1	103.2	1	0.05	REF
Sulfur (S)	118463-1		1.11	101.6	1	0.05	REP
Sulfur (S)	118468-1		< 0.05		1	0.05	REP
Sulfur (S)	118469-1		496	100.5	1	0.05	REP
Sulfur (S)	121363-1		2.76	99.8	1	0.05	REP
Sulfur (S)	121364-1		125	101.6	1	0.05	REP
Sulfur (S)	121366-1		< 0.05		1	0.05	REP
Tin (Sn)	118460-1	< MDL	< 0.05		1	0.05	BLE
Tin (Sn)	121359-1	< MDL	< 0.05		1	0.05	BLE
Tin (Sn)	118463-1		< 0.05		1	0.05	REP
Tin (Sn)	118468-1		< 0.05		1	0.05	REP
Tin (Sn)	118469-1		0.06	99.8	1	0.05	REP
Tin (Sn)	121363-1		< 0.05		1	0.05	REP
Tin (Sn)	121364-1		< 0.05		1	0.05	REP
Tin (Sn)	121366-1		< 0.05		1	0.05	REP
Titanium (Ti)	118460-1	< MDL	< 0.002		1	0.002	BLE
Titanium (Ti)	121359-1	< MDL	< 0.002		1	0.002	BLE

QC Information:

<u>ANALYTE</u>	<u>ALIQ#</u>	<u>EXPECTED</u>	<u>RESULT</u>	<u>% REC</u>	<u>DIL'N</u>	<u>MDL</u>	<u>QC TYPE</u>
Titanium (Ti)	118463-1		< 0.002		1	0.002	REP
Titanium (Ti)	118468-1		< 0.002		1	0.002	REP
Titanium (Ti)	118469-1		< 0.002		1	0.002	REP
Titanium (Ti)	121363-1		< 0.002		1	0.002	REP
Titanium (Ti)	121364-1		< 0.002		1	0.002	REP
Titanium (Ti)	121366-1		< 0.002		1	0.002	REP
Vanadium (V)	118460-1	< MDL	< 0.01		1	0.01	BLE
Vanadium (V)	121359-1	< MDL	< 0.01		1	0.01	BLE
Vanadium (V)	118461-1	0.550	0.52	95.3	1	0.01	REF
Vanadium (V)	121360-1	0.550	0.55	99.7	1	0.01	REF
Vanadium (V)	118463-1		< 0.01		1	0.01	REP
Vanadium (V)	118468-1		< 0.01		1	0.01	REP
Vanadium (V)	118469-1		0.03	99.4	1	0.01	REP
Vanadium (V)	121363-1		< 0.01		1	0.01	REP
Vanadium (V)	121364-1		< 0.01		1	0.01	REP
Vanadium (V)	121366-1		< 0.01		1	0.01	REP
Zinc (Zn)	118460-1	< MDL	< 0.002		1	0.002	BLE
Zinc (Zn)	119800-1	< MDL	< 0.002		1	0.002	BLE
Zinc (Zn)	121359-1	< MDL	< 0.002		1	0.002	BLE
Zinc (Zn)	118461-1	0.726	0.730	100.5	1	0.002	REF
Zinc (Zn)	119801-1	0.726	0.749	103.2	1	0.002	REF
Zinc (Zn)	121360-1	0.726	0.729	100.4	1	0.002	REF
Zinc (Zn)	118463-1		0.023	99.6	1	0.002	REP
Zinc (Zn)	118468-1		< 0.002		1	0.002	REP
Zinc (Zn)	118469-1		86.2	98.6	1	0.002	REP
Zinc (Zn)	121363-1		0.002	63.5	1	0.002	REP
Zinc (Zn)	121364-1		0.008	85.8	1	0.002	REP
Zinc (Zn)	121366-1		< 0.002		1	0.002	REP

NH3 UNITS: mg/L MATRIX: FWGE

<u>ANALYTE</u>	<u>ALIQ#</u>	<u>EXPECTED</u>	<u>RESULT</u>	<u>% REC</u>	<u>DIL'N</u>	<u>MDL</u>	<u>QC TYPE</u>
Nitrogen, Ammonia as N	117797-1	< MDL	< 0.005		1	0.005	BLE
Nitrogen, Ammonia as N	117846-1	< MDL	< 0.005		1	0.005	BLE
Nitrogen, Ammonia as N	117798-1	13.4	13.6	101.1	50	0.3	REF
Nitrogen, Ammonia as N	117847-1	13.4	13.6	101.1	50	0.3	REF
Nitrogen, Ammonia as N	117848-1		0.151	100.7	1	0.005	REP

pH UNITS: pH Units MATRIX: FWGE

<u>ANALYTE</u>	<u>ALIQ#</u>	<u>EXPECTED</u>	<u>RESULT</u>	<u>% REC</u>	<u>DIL'N</u>	<u>MDL</u>	<u>QC TYPE</u>
pH	117707-1	6.14	5.59		1	0.01	BLE
pH	117711-1	7.40	7.42	100.3	1	0.01	REF
pH	117713-1		6.21	102.5	1	0.01	REP

Residue: Filterable UNITS: mg/L MATRIX: FWGE

<u>ANALYTE</u>	<u>ALIQ#</u>	<u>EXPECTED</u>	<u>RESULT</u>	<u>% REC</u>	<u>DIL'N</u>	<u>MDL</u>	<u>QC TYPE</u>
Residue, Filterable (TDS)	118451-1	< MDL	< 10		1	10	BLE
Residue, Filterable (TDS)	118452-1	< MDL	< 10		1	10	BLE
Residue, Filterable (TDS)	118453-1	< MDL	< 10		1	10	BLE
Residue, Filterable (TDS)	118454-1	200	211	105.3	1	10	REF
Residue, Filterable (TDS)	118456-1		838	101.7	1	10	REP

QC Information:

<u>ANALYTE</u>	<u>ALIQ#</u>	<u>EXPECTED</u>	<u>RESULT</u>	<u>% REC</u>	<u>DIL'N</u>	<u>MDL</u>	<u>QC TYPE</u>
Residue, Filterable (TDS)	118457-1		64	105.9	1	10	REP
Residue, Filterable (TDS)	118458-1		261	98.7	1	10	REP

Residue: Nonfilt. UNITS: mg/L MATRIX: FWGE

<u>ANALYTE</u>	<u>ALIQ#</u>	<u>EXPECTED</u>	<u>RESULT</u>	<u>% REC</u>	<u>DIL'N</u>	<u>MDL</u>	<u>QC TYPE</u>
Residue, Nonfilterable (NFR/TSS)	118374-1	< MDL	< 5		1	5	BLE
Residue, Nonfilterable (NFR/TSS)	118375-1	< MDL	< 5		1	5	BLE
Residue, Nonfilterable (NFR/TSS)	118376-1	152	152	100.2	1	5	REF
Residue, Nonfilterable (NFR/TSS)	118377-1		16	105.0	1	5	REP
Residue, Nonfilterable (NFR/TSS)	118378-1		429	100.7	1	5	REP

Specific Conductance UNITS: uS/cm MATRIX: FWGE

<u>ANALYTE</u>	<u>ALIQ#</u>	<u>EXPECTED</u>	<u>RESULT</u>	<u>% REC</u>	<u>DIL'N</u>	<u>MDL</u>	<u>QC TYPE</u>
Conductivity	117708-1	< MDL	< 2		1	2	BLE
Conductivity	117710-1	73.9	75.0	101.2	1	2	REF
Conductivity	117714-1		3	100.0	1	2	REP

Total Phosphorus UNITS: mg/L MATRIX: FWGE

<u>ANALYTE</u>	<u>ALIQ#</u>	<u>EXPECTED</u>	<u>RESULT</u>	<u>% REC</u>	<u>DIL'N</u>	<u>MDL</u>	<u>QC TYPE</u>
Phosphorus, Total as P	117677-1	< MDL	< 0.002		1	0.002	BLE
Phosphorus, Total as P	117676-1	1.67	1.65	99.0	25	0.05	REF
Phosphorus, Total as P	117678-1		0.010	98.0	1	0.002	REP
Phosphorus, Total as P	117679-1		0.009	87.9	1	0.002	REP
Phosphorus, Total as P	117680-1		0.099	100.0	1	0.002	REP
Phosphorus, Total as P	117681-1		0.003	93.5	1	0.002	REP
Phosphorus, Total as P	117682-1		0.006	111.3	1	0.002	REP
Phosphorus, Total as P	117683-1		< 0.002		1	0.002	REP

Note: All QC information is batch associated. Duplicate analysis are not necessarily those of this report. Percent recovery for duplicate analysis represents the percent recovery of REP2 as compared to REP1 of a sample duplicate.

BLE - Blank, Equipment	BLL - Blank, Method	BLX - Blank, Extraction
REA - Replicate Spike, Known Addition	REF - Reference Material	REG - Regular Sample
RRF - Replicate Reference Material	REK - Replicate, Spike	REP - Replicate, Regular
RTS - Replicate Test Sample	SPA - Spike, Known Addition	SPK - Spike
TST - Test Sample 1=Present 2=Absent	MDL - Method Detection Limit	



Billing Estimate

PESC FOLDER # : 200500223

Invoice: 77618

----- Not an Invoice Do not Pay -----

EP YUKON POLLUTION ABATEMENT

Location: FARO MINE

<u>TEST DESCRIPTION</u>	<u>MATRIX</u>	<u>QTY</u>	<u>UNITPRICE</u>	<u>PENALTY</u>	<u>SURCHARGE</u>	<u>NETPRICE</u>
PESC - Inorganics						
Acidity total&pH4.5	FWGE	9	\$12.00			\$108.00
Alkalinity Tot-pH4.5	FWGE	9	\$12.00			\$108.00
Hardness CaMg diss.	FWGE	9	\$0.00			\$0.00
Hardness Total diss.	FWGE	9	\$0.00			\$0.00
ICA (Cl F SO4)	FWGE	9	\$15.00			\$135.00
ICA (NO2 NO3 PO4 Br)	FWGE	9	\$15.00			\$135.00
ICP Dissolved	FWGE	9	\$22.50			\$202.50
NH3	FWGE	9	\$13.50			\$121.50
pH	FWGE	9	\$4.50			\$40.50
Residue: Filterable	FWGE	9	\$18.00			\$162.00
Residue: Nonfilt.	FWGE	9	\$18.00			\$162.00
Specific Conductance	FWGE	9	\$4.50			\$40.50
Total Phosphorus	FWGE	9	\$16.50			\$148.50
PESC - Inorganics Charges						\$1,363.50
Aurora Laboratory Services Ltd. (ALS)						
Cyanate by ISE	FWGE	9	\$24.00			\$216.00
Thiocyanate by color	FWGE	9	\$16.00			\$144.00
Aurora Laboratory Services Ltd. (ALS) Charges						\$360.00
Total Charged To: 2562-101 EP YUKON POLLUTION ABATEMENT						\$1,723.50

Penalty - A charge that removed from the price due to a test performed after a certian penalty time.

Surcharge - A service charge that is applied when tests are performed by a contract Lab.